



# Knightsbridge

# CUSTOMER GUARANTEE

Our aim is to deliver quality products and service in a highly professional manner at all times. We are totally committed to our customers and will endeavour to operate with honesty and integrity, trading fairly throughout our success and continuous improvement...

...and that's a promise!

# SERVICE



# CONTENTS

## WIRING ACCESSORIES

| Moulded Switches & Sockets              | 5       |
|---|---------|
|   |         |
| Square Edge                             | 6-11    |
| Curved Edge                             | 12-21   |
| Raised Edge Switches & Sockets          | 23      |
| Rounded Edge                            | 24-36   |
| Square Edge                             | 38-51   |
| Flat Plate Switches & Sockets           | 52-74   |
| Screwless Switches & Sockets            | 76-103  |
| Specialist Sockets                      | 106-111 |
| Metal Clad Switches & Sockets           | 112-119 |
| Datacomms                               | 120-126 |
| Grid Wiring Accessories                 | 128-129 |
| Weatherproof                            | 130-138 |
| Wiring Basics                           | 140-150 |
| Additional Hardware                     | 152-159 |
|   |         |
| SMART HOME                              | 160-169 |
| SMART HUME                              | 100 107 |
| LIGHTING                                |         |
| Domestic Interior                       |         |
| Downlights                              | 170-193 |
|   |         |
| Ceiling & Wall Lights                   | 194-205 |
| Bathroom                                | 206-215 |
| Under Cabinet                           | 216-226 |
| LED Flex                                | 228-239 |
| Outdoor Lighting                        |         |
| Wall Lights                             | 240-260 |
| Spike Lights                            | 262-267 |
| Bollard & Post Lighting                 | 268-269 |
| Groundlights & Deck Lighting            | 270-278 |
| Outdoor Heating                         | 279     |
| Floodlights                             | 280-288 |
| Commercial Lighting                     |         |
| Bulkheads & Wall Packs                  | 290-306 |
| Commercial Downlights                   | 308-313 |
| Recessed, Surface & Suspension Lighting | 314-321 |
| Battens                                 | 322-333 |
| Non-Corrosive                           | 334-342 |
| High Bay / Low Bay                      | 344-345 |
| Emergency Lighting                      | 346-359 |
| Sensors                                 | 360-365 |
| Lamps & Lighting Accessories            | 366-378 |
|   |         |

INDEX



# MOULDED SWITCHES AND SOCKETS

DOUBLE POLE SWITCHES

On selected products, for additional safety

LASER PRINTED MARKINGS

Leaving a clean finish

#### ANTIMICROBIAL

Made from a high grade thermoset resin with antimicrobial properties and scratch resistance

## SCREW CAP

Supplied as standard

#### TOP-DOWN TERMINALS

For speedy installations, wiring from just one position



#### EASY-INSTALL

Quick and easy to install with captive terminals and industry-expected terminal capacities

#### HIGH INTEGRITY EARTHING

Twin earthing terminals (on double switched sockets), for compliance with BS 7671:2008 regulation 543-7



\*2 YEARS ON ELECTRONIC PRODUCTS ALL DETAILS ON THIS PAGE APPLY TO THE SQUARE EDGE AND CURVED EDGE MOULDED SWITCHES AND SOCKETS

## Single Plate Size: 86mm x 86mm

Double Plate Size: 86mm x 146mm

## Plate Thickness:

9mm (unless otherwise stated)





# MOULDED SWITCHES & SOCKETS

Comprehensive, all-purpose moulded switches and sockets

 13A Sockets / Shaver Socket / Sockets with USB / Round Pin Socket
 8

 / Phone Holder
 9

 Fan Isolator Switch / 10AX Switches / Dimmers
 9

 Fused Spur Units / 20A Switches / Cooker Switches and Sockets
 10

 Media Outlets / Blanking Plates / Modular Frames / Pattress Boxes
 11

Connectors / Cable Gland

7









For RCD options, see page 147

#### **13A SOCKETS**

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• Minimum mounting box depth: 25mm

| Code     | Size | Model   |
|----------|------|---|
| SN9000   | 2G   | Double Pole + Twin Earth                                  |
| SN9000S  | 2G   | Single Pole + Twin Earth                                  |
| SN9000U  | 2G   | Unswitched + Twin Earth                                   |
| SN9KW    | 2G   | Smart Wi-Fi + Twin Earth<br>for more details see page 164 |
| SN7000   | 1G   | Double Pole   |
| SN7000S  | 1G   | Single Pole   |
| SN7000U  | 1G   | Unswitched  |
| SN9000UR | 2G   | Unswitched (Red) + Twin Earth <b>NEW</b>                  |



#### DUAL VOLTAGE SHAVER SOCKET

• Minimum mounting box depth: 47mm

| Code    | Model                      |
|---------|----------------------------|
| SN8900N | 115/230V 20VA Rated + Neon |

#### FLIP-DOWN PHONE HOLDER

- Flip-down phone holder for use with double switched sockets with USB charging facility
- Two-piece install no need to remove socket from wall
- · Sits behind the existing double switched socket
- Fold down shelf for supporting your device whilst charging – folds up when not in use

| Code  | Size | Model |
|-------|------|-------|
| 2GPHW | 2G   | White |



#### SOCKETS WITH USB

• Minimum mounting box depth: 25-35mm (dependent on wiring conditions)

| Code   | Size | Model   |
|--------|------|---|
| SN9904 | 2G   | Switched Socket with Dual USB<br>Charger + Twin Earth |
| SN9903 | 1G   | Switched Socket<br>with USB Charger                   |



#### ROUND PIN SOCKET

- Minimum mounting box depth: 25mm
- 5A rated

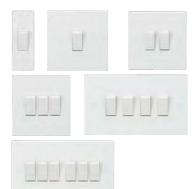
| Code | Model      |
|------|------------|
| SN5U | Unswitched |



#### 10AX FAN ISOLATOR SWITCH

• Minimum mounting box depth: 16mm

| Code   | Model       |
|--------|-------------|
| SN1100 | Triple Pole |



#### **10AX SWITCHES**

• Minimum mounting box depth: 16mm

| Code   | Size | Model              |
|--------|------|--------------------|
| SN127  |      | 2-Way (Architrave) |
| SN1200 | 1G   | Intermediate       |
| SN1000 | 1G   | 1-Way              |
| SN2000 | 1G   | 2-Way              |
| SN3000 | 2G   | 2-Way              |
| SN4000 | 3G   | 2-Way              |
| SN4100 | 4G   | 2-Way              |
| SN4200 | 6G   | 2-Way              |









#### LEADING-EDGE DIMMERS

- 40-400W incandescent
- 3-100W LED (unless otherwise stated) Minimum mounting box depth: 35mm

| <b>a</b> . | ~    |   |
|------------|------|---|
| Code       | Size | Model                                       |
| SN2161     | 1G   | 2-Way                                       |
| SN2165     | 1G   | 60-1000W                                    |
| SN2162     | 2G   | 2-Way                                       |
| SN2163     | 3G   | 2-Way                                       |
| SN2164     | 4G   | 2-Way                                       |
| SN1DIM     | 1G   | Plate and cap only                          |
| SN2DIM     | 2G   | Plate and caps only                         |
| SN400M     |      | 40-400W (3-100W LED)<br>Leading-Edge Module |

VFR200M

10-200W (5-150W LED) Trailing-Edge Module



#### FUSED SPUR UNITS

- Double pole switches (where applicable)
- Minimum mounting box depth: 25mm
- Flex outlet from base

| Code      | Model                 |
|-----------|-----------------------|
| SN6000    | Unswitched            |
| SN6000-3A | Unswitched (3A rated) |
| SN6000N   | Unswitched + Neon     |
| SN6300    | Switched              |
| SN6300N   | Switched + Neon       |



#### 20A SWITCHES

- Double pole switches (where applicable)
- Minimum mounting box depth: 25mm

| Code    | Model                                   |
|---------|---|
| SN8341  | Switched                                |
| SN8341N | Switched + Neon                         |
| SN8342  | Flex Outlet Plate (from base or centre) |

















#### **45A COOKER SWITCHES**

Double pole switches

• Minimum mounting box depth: 47mm

| Code     | Size   | Model                                     |
|----------|--------|---|
| SN8331   | Single | Switched                                  |
| SN8331N  | Single | Switched + Neon                           |
| SN8331W  | Single | Switched (White Rocker) <b>NEW</b>        |
| SN8331NW | Single | Switched + Neon (White Rocker) NEW        |
| SN8340   | Single | Cooker Connection Unit                    |
| SN8332   | Double | Switched                                  |
| SN8332N  | Double | Switched + Neon                           |
| SN8332W  | Double | Switched (White Rocker) <b>NEW</b>        |
| SN8332NW | Double | Switched + Neon (White Rocker) <b>NEW</b> |

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### 45A COOKER SWITCH AND SOCKET

- Double pole switch 13A switched socket
- Minimum mounting box depth: 47mm

| Code     | Model                                     |
|----------|---|
| SN8333   | Switched                                  |
| SN8333N  | Switched + Neon                           |
| SN8333W  | Switched (White Rocker) NEW               |
| SN8333NW | Switched + Neon (White Rocker) <b>NEW</b> |



MEDIA OUTLETS

• Minimum mounting box depth: 25mm

| Code   | Model                               |
|--------|-------------------------------------|
| SN7300 | Telephone Socket - Master           |
| SN7400 | Telephone Socket - Extension        |
| SN0100 | Single TV Outlet - Non-isolated     |
| SN0110 | Twin TV Outlet - Non-isolated       |
| SN0120 | Single TV Outlet - Isolated         |
| SN0140 | TV and SAT TV Outlet - Non-isolated |















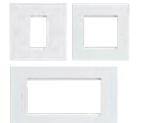
#### PATTRESS BOXES



#### BLANKING PLATES

| Code   | Model |
|--------|-------|
| SN8350 | 1G    |
| SN8360 | 2G    |

| Code   | Size   | Model                                    | Qty |
|--------|--------|--|-----|
| SN1300 | Single | 16mm + Earth Terminal                    | 10  |
| SN1400 | Single | 25mm                                     | 10  |
| SN1700 | Single | 35mm + Earth Terminal                    | 10  |
| SN1610 | Single | 47mm + Earth Terminal<br>and Cable Clamp | 10  |
| SN127P |        | 16mm + Earth Terminal<br>(Architrave)    | 10  |
| SN1500 | Double | 25mm                                     | 5   |
| SN1600 | Double | 47mm + Earth Terminal<br>and Cable Clamp | 5   |
| SN1800 | Double | 35mm + Earth Terminal                    | 5   |
| SN1510 | Double | 35mm Dual + Earth<br>Terminals           | 5   |



MODULAR FRAMES • For use with 25mm x 50mm or 50mm x 50mm euro modules

| 0011111 / 00111 | in care meaates |
|-----------------|-----------------|
| Code            | Model           |
| NET1GWH         | 1 Module        |
| NET2GWH         | 1 - 2 Modules   |
| NET4GWH         | 2 - 4 Modules   |



Modular Inserts available on Page 122-125



ELECTRICAL SCREWS

• M3.5 - Raised head - countersunk

| Code     | Model | Qty |
|----------|-------|-----|
| CSCREW35 | 35mm  | 100 |
| CSCREW50 | 50mm  | 100 |
| CSCREW75 | 75mm  | 100 |

SQUARE EDGE

## Single Plate Size: 86mm x 86mm

Double Plate Size: 86mm x 146mm

# Plate Thickness:

7mm (unless otherwise stated)



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# MOULDED SWITCHES & SOCKETS

White moulded switches and sockets with gently contoured 7mm plates and soft rounded edges

| 14 |
|----|
| 15 |
| 16 |
| 17 |
| 18 |
|    |

Grid Wiring Accessories

19-21

#### 2G FLIP-DOWN PHONE HOLDER

- Handy flip-down phone holder for use with double switched sockets with USB charging facility
- Two-piece install no need to remove socket from wall

Code 2GPHW

- Sits behind the existing double switched socket
- Fold down shelf for supporting your device whilst charging – folds up when not in use

| Size | Finish |         |
|------|--------|---------|
| 2G   | White  | A State |
|      |        | • •     |
|      |        |         |



-

CU9931C / CU9948

١G

RRIVI

Q4 2020



#### 13A SOCKETS

• Minimum mounting box depth: 25mm

| Code    | Size | Model                    |
|---------|------|--------------------------|
| CU9000  | 2G   | Double Pole + Twin Earth |
| CU9000S | 2G   | Single Pole + Twin Earth |
| CU9000U | 2G   | Unswitched + Twin Earth  |
| CU7000  | 1G   | Double Pole              |
| CU7000S | 1G   | Single Pole              |
| CU7000U | 1G   | Unswitched               |



#### 13A SWITCHED SOCKETS WITH USB CHARGER

#### • Minimum mounting box depth: 25mm - 35mm (dependent on wiring conditions)

| Code    | Size | Model              | USB Config      |     |
|---------|------|--------------------|-----------------|-----|
| CU9904  | 2G   | SP Switched Socket | 2 x Type-A      |     |
| CU9931C | 2G   | SP Switched Socket | Type-A / Type-C | NEW |
| CU9948  | 2G   | DP Switched Socket | 2 x Type-A      | NEW |
| CU9903  | 1G   | SP Switched Socket | 1 x Type-A      |     |

14



13A MULTIMEDIA COMBINATION PLATE Essential for any major upgrade, renovation, or new build. The Curved Edge Multimedia Combination Plate allows for a power and bespoke signal distribution solution to be combined in one area. Compatible with our extensive range of modular inserts, this plate can be configured to suit your requirements, be it Satellite, TV, DAB, Telecoms, Networking, or even USB Charging.

- Double pole switches
  2 x 2G double sockets with twin earth
  Space for up to 8 x euro module inserts (25mm x 50mm)
  Dimensions: (h) 175mm x (w) 295mm x (p) 7mm
  Minimum mounting box depth: 47mm (order GSK298MM on page 142)



Modular Inserts available on pages 122-125

| Code    | Model       |     | ARRIVING |                               |
|---------|-------------|-----|----------|-------------------------------|
| CU298MM | Media Plate | NEW | Q4 2020  |                               |
|         |             |     |          |                               |
|         |             |     |          | *Modular inserts not included |



#### DUAL VOLTAGE SHAVER SOCKET

• Minimum mounting box depth: 47mm

| Code    | Model                |  |
|---------|----------------------|--|
| CU8900N | 20VA 115/230V + Neon |  |



#### ROUND PIN SOCKET

- 5A rated
- · Minimum mounting box depth: 25mm

| Code | Model |
|------|-------|
|      |       |

| CU5U |     | Jnswi    |
|------|-----|----------|
| 0000 | , ( | 7112 661 |
|      |     |          |

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- 40-400W incandescent | 3-100W LED (unless otherwise specified)
- Minimum mounting box depth: 25mm

| Code    | Size | Model  |
|---------|------|--|
| CU2161  | 1G   | 2-Way  |
| CU2162  | 2G   | 2-Way  |
| CU1DIM  | 1G   | Plate and cap only                           |
| CU2DIM  | 2G   | Plate and cap only                           |
| CU2163  | 3G   | 2-Way  |
| CU2164  | 4G   | 2-Way  |
| SN400M  |      | 40-400W (3-100W LED)<br>Leading-Edge Module  |
| VFR200M |      | 10-200W (5-150W LED)<br>Trailing-Edge Module |





#### FUSED SPUR UNITS

- Minimum mounting box depth: 25mm
- 13A rated
- Double pole switches (where applicable)

| Code      | Model  |
|-----------|--|
| CU6000    | Unswitched                                       |
| CU6000-3A | Unswitched (3A fused)                            |
| CU6000N   | Unswitched + Neon                                |
| CU6300    | Switched   |
| CU6300N   | Switched + Neon                                  |
| CU6300F   | Switched + Flex Outlet<br>from base (10mm plate) |

\*Not suitable for use with CU4101

#### 10AX FAN ISOLATOR SWITCH • Minimum mounting box depth: 16mm

Code Model

CU1100

Triple Pole



CU1200M - can be attached to any Curved Edge switch plate to make an intermediate switch\*



#### **10AX SWITCHES**

• Minimum mounting box depth: 16mm (unless otherwise specified)

|         | -    |   |
|---------|------|---|
| Code    | Size | Model   |
| CU1200  | 1G   | Intermediate                                      |
| CU1200M |      | Intermediate Module                               |
| CU1000  | 1G   | 1-Way   |
| CU2000  | 1G   | 2-Way   |
| CU3000  | 2G   | 2-Way   |
| CU4000  | 3G   | 2-Way   |
| CU4101  | 4G   | 2-Way (single plate)<br>Min. mounting depth: 25mm |
| CU4100  | 4G   | 2-Way   |
| CU4200  | 6G   | 2-Way   |

CURVED EDGE





- Double pole switches
  Minimum mounting box depth: 47mm

| Code     | Size   | Model                                     |
|----------|--------|---|
| CU8331   | Single | Switched                                  |
| CU8331W  | Single | Switched (White Rocker) <b>NEW</b>        |
| CU8331N  | Single | Switched + Neon                           |
| CU8331NW | Single | Switched + Neon (White Rocker) <b>NEW</b> |
| CU8332   | Double | Switched                                  |
| CU8332W  | Double | Switched (White Rocker) <b>NEW</b>        |
| CU8332N  | Double | Switched + Neon                           |
| CU8332NW | Double | Switched + Neon (White Rocker) <b>NEW</b> |
| CU8340   | Single | Cooker Connection Unit                    |





#### **20A SWITCHES**

- Double pole switches (where applicable)
- Minimum mounting box depth: 25mm

| Code    | Model                                      |
|---------|--|
| CU8341  | Switched                                   |
| CU8341N | Switched + Neon                            |
| CU8342  | Flex Outlet Plate<br>(from base or centre) |





#### **45A COOKER SWITCHES** AND SOCKETS

- Double pole switches
- 13A switched socket
- Minimum mounting box depth: 47mm

| Code     | Model   |
|----------|---|
| CU8333   | Switched  |
| CU8333W  | Switched + Neon (White Rocker) $\ensuremath{NEW}$ |
| CU8333N  | Switched  |
| CU8333NW | Switched + Neon (White Rocker) <b>NEW</b>         |









#### MEDIA OUTLETS

• Minimum mounting box depth: 25mm

| Code   | Model                               |
|--------|-------------------------------------|
| CU7300 | Telephone Socket - Master           |
| CU7400 | Telephone Socket - Extension        |
| CU0100 | Single TV Outlet - Non-isolated     |
| CU0110 | Twin TV Outlet - Non-isolated       |
| CU0120 | Single TV Outlet - Isolated         |
| CU0150 | SAT TV Outlet - Non-isolated        |
| CU0140 | TV and SAT TV Outlet - Non-isolated |













### PATTRESS BOXES

| Code   | Size   | Model                                    | Qty |
|--------|--------|--|-----|
| CU1300 | Single | 16mm + Earth Terminal                    | 10  |
| CU1400 | Single | 25mm                                     | 10  |
| CU1700 | Single | 35mm + Earth Terminal                    | 10  |
| CU1610 | Single | 47mm + Earth Terminal<br>and Cable Clamp | 10  |
| CU1500 | Double | 25mm                                     | 5   |
| CU1800 | Double | 35mm + Earth Terminal                    | 5   |
| CU1600 | Double | 47mm + Earth Terminal<br>and Cable Clamp | 5   |



#### **BLANKING PLATES**

| Code   | Model |
|--------|-------|
| CU8350 | 1G    |
| CU8360 | 2G    |



## MODULAR FRAMES

| Code | Model         |
|------|---------------|
| CU1G | 1 Module      |
| CU2G | 1 - 2 Modules |
| CU4G | 2 - 4 Modules |



#### ELECTRICAL SCREWS

• M3.5 - Raised head - countersunk

| Code     | Model | Qty |
|----------|-------|-----|
| CSCREW35 | 35mm  | 100 |
| CSCREW50 | 50mm  | 100 |
| CSCREW75 | 75mm  | 100 |



18









### GRID FACEPLATES

- Requires grid mounting frame (sold separately)
- For use with Curved Grid Accessories only

| Code  | Model |
|-------|-------|
| CUG1  | 1G    |
| CUG2  | 2G    |
| CUG3  | 3G    |
| CUG4  | 4G    |
| CUG6  | 6G    |
| CUG8  | 8G    |
| CUG12 | 12G   |



## GRID MOUNTING FRAMES

| Code  | Model |
|-------|-------|
| CUG1F | 1-2G  |
| CUG2F | 3-4G  |



## GRID BACK BOXES can be found on page 142



#### 20AX GRID SWITCH MODULES

| Code  | Model                                |
|-------|--------------------------------------|
| CUGM1 | 1-Way SP                             |
| CUGM2 | 2-Way SP                             |
| CUGM3 | 2-Way SP (centre-off)                |
| CUGM4 | Intermediate                         |
| CUGM5 | 2-Way SP Retractive (marked "PRESS") |
| CUGM6 | DP                                   |



#### 20AX GRID KEY SWITCH MODULES

Supplied with test key

| Code   | Model                            |
|--------|----------------------------------|
| CUGM7  | 2-Way SP                         |
| CUGM8  | DP                               |
| CUGM9  | 2-Way SP (marked "EMG LTG TEST") |
| CUGM10 | DP (marked "EMG LTG TEST")       |
| GDKEY  | Spare Key                        |



#### LEADING-EDGE GRID 2-WAY DIMMER

- 40-400W incandescent | 5-100W LED
- Operation: Press on/off Rotary action dim up/down

| Code   | Model                                       |
|--------|---|
| CUGM14 | 40-400W (5-100W LED)<br>Leading-Edge Dimmer |



2G INTERMEDIATE SWITCHES can be made using CUGM4

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#### MISCELLANEOUS GRID MODULES

Fuse Holder (13A)

Indicator - Red

Indicator - Orange

Indicator - Green

Flex Outlet (max. 10mm)

Model

Blank

Code

CUGM15

CUGM16

CUGM17

CUGM13

CUGM12

CUGM11

| in and | vin a | ACTIVITY C | and a | NO TO |
|--------|-------|------------|-------|-------|
|        |       | -          |       | 211   |

#### GRID ROCKER COVERS

• Replace an existing rocker with a laser printed version indicating the appliance it refers to

| Code    | Model           |
|---------|-----------------|
| CUDISH  | Dishwasher      |
| CUFAN   | Fan             |
| CUWASH  | Washing Machine |
| CUDRY   | Tumble Dryer    |
| CUHOOD  | Cooker Hood     |
| CUHOB   | Hob             |
| CUOVEN  | Oven            |
| CUMICRO | Microwave       |
| CUFRID  | Fridge Freezer  |
| CUBOIL  | Boiler          |





# RAISED EDGE SWITCHES AND SOCKETS



#### COLOUR MATCHING

Matching metal rockers with no surround



#### QUALITY USB High quality US IC's and USB controllers on USB products

#### MOISTURE TRANSFER RESISTANT

Integrated moisture gasket – barely visible when installed



HIGH INTEGRITY EARTHING Twin earthing terminals (on double switched sockets), for compliance with BS 7671:2008 regulation 543-7



\*2 YEARS ON ELECTRONIC PRODUCTS ALL DETAILS ON THIS PAGE REFER TO THE SQUARE AND ROUNDED RAISED EDGE SWITCHES AND SOCKETS

## FINISHES



BRUSHED CHROME

POLISHED CHROME

# INSERT OPTIONS

BLACK

WHITE

GREY



## RAISED EDGE SWITCHES & SOCKETS ROUNDED EDGE

Metal decorative switches and sockets with a contemporary rounded edge design

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DC 5V 2100mA

| 13A Sockets / Sockets with USB / Phone Holder             | 26-27 |
|---|-------|
| Shaver Sockets  | 27    |
| Round Pin Sockets / 10AX Switches / Fan Isolator Switches | 28    |
| 10AX Toggle Switches                                      | 29    |
| Dimmers   | 30    |
| Fused Spur Units / 20A Switches                           | 31    |
| Cooker Switches and Sockets                               | 32    |
| Media Outlets   | 32-33 |
| Blanking Plates / Modular Frames Screws                   | 33    |
| Screws  | 34    |
| Grid Wiring Accessories                                   | 34-36 |

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## **13A SWITCHED SOCKETS**

- Double pole switches
- Minimum mounting box depth: 25mm











| Code   | Size | Finish          | Insert |     |
|--------|------|-----------------|--------|-----|
| CL9BC  | 2G   | Brushed Chrome  | Black  |     |
| CL9BCG | 2G   | Brushed Chrome  | Grey   |     |
| CL9BCW | 2G   | Brushed Chrome  | White  |     |
| CL9PC  | 2G   | Polished Chrome | Black  | NEW |
| CL9PCG | 2G   | Polished Chrome | Grey   | NEW |
| CL9PCW | 2G   | Polished Chrome | White  | NEW |

#### **13A SWITCHED SOCKET** WITH DUAL USB CHARGER

#### • Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)





| Code      | Size | Finish          | Insert |     |
|-----------|------|-----------------|--------|-----|
| CL9224BC  | 2G   | Brushed Chrome  | Black  |     |
| CL9224BCG | 2G   | Brushed Chrome  | Grey   |     |
| CL9224BCW | 2G   | Brushed Chrome  | White  |     |
| CL9224PC  | 2G   | Polished Chrome | Black  | NEW |
| CL9224PCG | 2G   | Polished Chrome | Grey   | NEW |
| CL9224PCW | 2G   | Polished Chrome | White  | NEW |

#### FLIP-DOWN PHONE HOLDER

- · Handy flip-down phone holder for use with double switched sockets with USB charging facility
- Two-piece install no need to remove socket from wall
  Sits behind the existing double switched socket
- · Fold down shelf for supporting your device whilst charging - folds up when not in use



| Code   | Finish |
|--------|--------|
| 2GPHBK | Black  |
| 2GPHGY | Grey   |
| 2GPHW  | White  |











| Code   | Size | Finish          | Insert |     |
|--------|------|-----------------|--------|-----|
| CL7BC  | 1G   | Brushed Chrome  | Black  |     |
| CL7BCG | 1G   | Brushed Chrome  | Grey   |     |
| CL7BCW | 1G   | Brushed Chrome  | White  |     |
| CL7PC  | 1G   | Polished Chrome | Black  | NEW |
| CL7PCG | 1G   | Polished Chrome | Grey   | NEW |
| CL7PCW | 1G   | Polished Chrome | White  | NEW |

#### **13A SWITCHED SOCKET** WITH DUAL USB CHARGER

• Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)

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USB

5V DC 2.1A (SHARED)

n

6 100

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| Code    | Size | Finish          | Insert |     |
|---------|------|-----------------|--------|-----|
| CL91BC  | 1G   | Brushed Chrome  | Black  |     |
| CL91BCG | 1G   | Brushed Chrome  | Grey   |     |
| CL91BCW | 1G   | Brushed Chrome  | White  |     |
| CL91PC  | 1G   | Polished Chrome | Black  | NEW |
| CL91PCG | 1G   | Polished Chrome | Grey   | NEW |
| CL91PCW | 1G   | Polished Chrome | White  | NEW |

• IP41 rated

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- <u>U</u> --

B

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- 115/230V 20VA rated
- Minimum mounting box depth: 47mm





8



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| Code     | Finish          | Insert |     |
|----------|-----------------|--------|-----|
| CL89BC   | Brushed Chrome  | Black  |     |
| CL89BCG  | Brushed Chrome  | Grey   |     |
| CL89BCW  | Brushed Chrome  | White  |     |
| CL89PC   | Polished Chrome | Black  | NEW |
| CL89PCG  | Polished Chrome | Grey   | NEW |
| CL89PCW  | Polished Chrome | White  | NEW |
| 01077 00 |                 | ,      |     |



## ROUND PIN SOCKETS

5A rated

• Minimum mounting box depth: 25mm

| 8 . 8 | 6 <b>0</b> 6 | 8 |
|-------|--------------|---|
| 8 8   | 8 8 8        | 8 |

0

6

8

| Code    | Finish          | Insert |     |
|---------|-----------------|--------|-----|
| CL5ABC  | Brushed Chrome  | Black  |     |
| CL5ABCG | Brushed Chrome  | Grey   |     |
| CL5ABCW | Brushed Chrome  | White  |     |
| CL5APC  | Polished Chrome | Black  | NEW |
| CL5APCG | Polished Chrome | Grey   | NEW |
| CL5APCW | Polished Chrome | White  | NEW |

#### **10AX FAN ISOLATOR SWITCHES**

- Minimum mounting box depth: 16mm
- Triple pole





8

| Code   | Finish          |     |
|--------|-----------------|-----|
| CL11BC | Brushed Chrome  |     |
| CL11PC | Polished Chrome | NEW |





#### **10AX SWITCHES**

• Minimum mounting box depth: 16mm





| Code   | Size | Model        | Finish          |
|--------|------|--------------|-----------------|
| CL12BC | 1G   | Intermediate | Brushed Chrome  |
| CL12PC | 1G   | Intermediate | Polished Chrome |
| CL2BC  | 1G   | 2-Way        | Brushed Chrome  |
| CL2PC  | 1G   | 2-Way        | Polished Chrome |





Model

2-Way

2-Way

| Code  | Size |
|-------|------|
| CL3BC | 2G   |
| CL3PC | 2G   |

Brushed Chrome Polished Chrome NEW

Finish

NEW

NEW





| Code  | Size | Model |
|-------|------|-------|
| CL4BC | 3G   | 2-Way |
| CL4PC | 3G   | 2-Way |



Polished Chrome NEW



| 8 |  |
|---|--|
|   |  |

| Code   | Size | Model |
|--------|------|-------|
| CL41BC | 4G   | 2-Way |
| CL41PC | 4G   | 2-Way |

Brushed Chrome Polished Chrome

Finish







| Code   | Size | Model | Finish          |     |
|--------|------|-------|-----------------|-----|
| CL42BC | 6G   | 2-Way | Brushed Chrome  |     |
| CL42PC | 6G   | 2-Way | Polished Chrome | NEW |

#### **10AX TOGGLE SWITCHES**

• Minimum mounting box depth: 16mm





| Code      | Size | Model        | Finish          |     | Code     | Size | Model | Finish          |
|-----------|------|--------------|-----------------|-----|----------|------|-------|-----------------|
| CLTOG12BC | 1G   | Intermediate | Brushed Chrome  |     | CLTOG3BC | 3G   | 2-Way | Brushed Chrome  |
| CLTOG12PC | 1G   | Intermediate | Polished Chrome | NEW | CLTOG3PC | 3G   | 2-Way | Polished Chrome |
| CLTOG1BC  | 1G   | 2-Way        | Brushed Chrome  |     |          |      |       |                 |
| CLTOG1PC  | 1G   | 2-Wav        | Polished Chrome | NEW |          |      |       |                 |

NEW





| Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|
| CLTOG2BC | 2G   | 2-Way | Brushed Chrome  |
| CLTOG2PC | 2G   | 2-Way | Polished Chrome |





NEW

| Code     | Size | Model | Finish          |     |
|----------|------|-------|-----------------|-----|
| CLTOG4BC | 4G   | 2-Way | Brushed Chrome  |     |
| CLTOG4PC | 4G   | 2-Way | Polished Chrome | NEW |



#### TRAILING EDGE DIMMERS

• 10-200W incandescent | 5-150W LED

Minimum mounting box depth: 25mm



Size

2G

2G

| Code     | Size | Model | Finish          |     |
|----------|------|-------|-----------------|-----|
| CL2181BC | 1G   | 2-Way | Brushed Chrome  |     |
| CL2181PC | 1G   | 2-Way | Polished Chrome | NEW |

| 9 | A | PA         | 0 | 0 |
|---|---|------------|---|---|
| - | 0 | $\bigcirc$ | V |   |
|   |   |            |   |   |



| Code     | Size | Model | Finish          |     |
|----------|------|-------|-----------------|-----|
| CL2183BC | 3G   | 2-Way | Brushed Chrome  |     |
| CL2183PC | 3G   | 2-Way | Polished Chrome | NEW |



Code

CL2182BC

CL2182PC



Finish

Brushed Chrome

Polished Chrome

Model

2-Way

2-Way





| Code     | Size | Model | Finish          |     |
|----------|------|-------|-----------------|-----|
| CL2184BC | 4G   | 2-Way | Brushed Chrome  |     |
| CL2184PC | 4G   | 2-Way | Polished Chrome | NEW |



NEW

#### FUSED SPUR UNITS

• 13A rated

8

- Double pole switches where applicable
  Minimum Mounting Box Depth: 25mm

#### 8 8 1 41 8

| Code  | Model      | Finish          |     |
|-------|------------|-----------------|-----|
| CL6BC | Unswitched | Brushed Chrome  |     |
| CL6PC | Unswitched | Polished Chrome | NEW |

| Code    | Model    | Finish          |     |
|---------|----------|-----------------|-----|
| CL834BC | Switched | Brushed Chrome  |     |
| CL834PC | Switched | Polished Chrome | NEW |

8





| Code   | Model    | Finish          |     |
|--------|----------|-----------------|-----|
| CL63BC | Switched | Brushed Chrome  |     |
| CL63PC | Switched | Polished Chrome | NEW |

| • | 8 | 0    |
|---|---|------|
|   | - | <br> |

**20A SWITCHES** 

Double pole switches

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Minimum mounting box depth: 25mm

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| Code     | Model           | Finish          |     |
|----------|-----------------|-----------------|-----|
| CL834NBC | Switched + Neon | Brushed Chrome  |     |
| CL834NPC | Switched + Neon | Polished Chrome | NEW |









| Code    | Model           | Finish          |     |
|---------|-----------------|-----------------|-----|
| CL63NBC | Switched + Neon | Brushed Chrome  |     |
| CL63NPC | Switched + Neon | Polished Chrome | NEW |

| Code     | Model                                    | Finish          |     |
|----------|--|-----------------|-----|
| CL834FBC | Switched + Neon<br>+ Flex Outlet (front) | Brushed Chrome  |     |
| CL834FPC | Switched + Neon<br>+ Flex Outlet (front) | Polished Chrome | NEW |





| Code    | Model                                    | Finish          |     |
|---------|--|-----------------|-----|
| CL63FBC | Switched + Neon<br>+ Flex Outlet (front) | Brushed Chrome  |     |
| CL63FPC | Switched + Neon<br>+ Flex Outlet (front) | Polished Chrome | NEW |

#### 45A COOKER SWITCHES • Double pole switches

- Double pole switch
   Neon indicator
- Minimum mounting box depth: 47mm



| Code    | Size   | Finish          |     |
|---------|--------|-----------------|-----|
| CL81NBC | Single | Brushed Chrome  |     |
| CL81NPC | Single | Polished Chrome | NEW |



Finish Brushed Chrome

CL82NBC Double

Polished Chrome NEW

## 45A COOKER SWITCH AND SOCKET WITH NEONS

- Double pole switches 13A Switched socket
- Minimum mounting box depth: 47mm











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| Code    | Finish          | Insert |     |
|---------|-----------------|--------|-----|
| CL83BC  | Brushed Chrome  | Black  |     |
| CL83BCG | Brushed Chrome  | Grey   |     |
| CL83BCW | Brushed Chrome  | White  |     |
| CL83PC  | Polished Chrome | Black  | NEW |
| CL83PCG | Polished Chrome | Grey   | NEW |
| CL83PCW | Polished Chrome | White  | NEW |

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### TELEPHONE SOCKETS

• Minimum mounting box depth: 25mm



| Code   | Model     | Finish          |     |
|--------|-----------|-----------------|-----|
| CL73BC | Master    | Brushed Chrome  |     |
| CL73PC | Master    | Polished Chrome | NEW |
| CL74BC | Extension | Brushed Chrome  |     |
| CL74PC | Extension | Polished Chrome | NEW |

#### NETWORK OUTLETS

• Minimum mounting box depth: 25mm



| Code   | Model | Finish          |     |
|--------|-------|-----------------|-----|
| CL45BC | RJ45  | Brushed Chrome  |     |
| CL45PC | RJ45  | Polished Chrome | NEW |

#### TV OUTLET

• Minimum mounting box depth: 25mm



| Code    | Model        | Finish          |     |
|---------|--------------|-----------------|-----|
| CL010BC | Non-isolated | Brushed Chrome  |     |
| CL010PC | Non-isolated | Polished Chrome | NEW |

**RAISED EDGE - ROUNDED** 

#### SAT TV OUTLET

• Minimum mounting box depth: 25mm



| Code    | Model        | Finish          |     |
|---------|--------------|-----------------|-----|
| CL015BC | Non-isolated | Brushed Chrome  |     |
| CL015PC | Non-isolated | Polished Chrome | NEW |

#### TV AND SAT TV OUTLET

• Minimum mounting box depth: 25mm



| Code    | Model    | Finish          |     |
|---------|----------|-----------------|-----|
| CL014BC | Isolated | Brushed Chrome  |     |
| CL014PC | Isolated | Polished Chrome | NEW |

#### MODULAR FRAMES

• For use with 25mm x 50mm and/or 50mm x 50mm euro modules



| Code   | Model    | Finish          |     |
|--------|----------|-----------------|-----|
| CL1GBC | 1 Module | Brushed Chrome  |     |
| CL1GPC | 1 Module | Polished Chrome | NEW |



| Code   | Model       | Finish          |     |
|--------|-------------|-----------------|-----|
| CL2GBC | 1-2 Modules | Brushed Chrome  |     |
| CL2GPC | 1-2 Modules | Polished Chrome | NEW |





#### **BLANKING PLATES**





| Code   | Size | Finish          |     |
|--------|------|-----------------|-----|
| CL85BC | 1G   | Brushed Chrome  |     |
| CL85PC | 1G   | Polished Chrome | NEW |





| Code   | Size | Finish          |     |
|--------|------|-----------------|-----|
| CL86BC | 2G   | Brushed Chrome  |     |
| CL86PC | 2G   | Polished Chrome | NEW |









#### **GRID FACEPLATES**

Requires grid mounting frame (sold separately)For use with Knightsbridge Grid Accessories only

To indicate preferred finish, replace xx on code with BC (Brushed Chrome) or PC (Polished Chrome)

| Code     | Size |                       |
|----------|------|-----------------------|
| GDCL1xx  | 1G   |                       |
| GDCL2xx  | 2G   |                       |
| GDCL3xx  | 3G   |                       |
| GDCL4xx  | 4G   |                       |
| GDCL6xx  | 6G   |                       |
| GDCL8xx  | 8G   |                       |
| GDCL9xx  | 9G   | (Brushed Chrome only) |
| GDCL12xx | 12G  | (Brushed Chrome only) |

#### ELECTRICAL SCREWS

• M3.5 - Raised head - countersunk

Code Screw Length Qty CSCREW35 35mm 100 CSCREW50 50mm 100 CSCREW75 75mm 100





#### GRID MOUNTING FRAMES

| Code    | Size |
|---------|------|
| GDF001F | 1-2G |
| GDF002F | 3-4G |



#### 20AX GRID SWITCH MODULES

| Code     | Model                                |
|----------|--------------------------------------|
| GDM001xx | 2-Way SP                             |
| GDM002xx | DP                                   |
| GDM003xx | DP + LED Indicator                   |
| GDM00xx  | 2-Way SP (centre off)                |
| GDM005xx | Intermediate                         |
| GDM006xx | 2-Way SP Retractive (marked "PRESS") |



#### 2G INTERMEDIATE SWITCHES can be made using GDM005BC

GRID TRAILING-EDGE DIMMER MODULES • 10-200W incandescent | 10-100W LED

| Code     | Model                         |     |
|----------|-------------------------------|-----|
| GDM014xx | Trailing-Edge Dimmer (Press)  |     |
| GDM200xx | Trailing-Edge Dimmer (Rotary) | NEW |



#### 10A GRID FAN ISOLATOR MODULES • Triple pole

Requires single grid position only

| Code     | Model  |     |  |
|----------|--|-----|--|
| GDM020xx | Fan Isolator Switch Module                                 | NEW |  |
| GDM021xx | Fan Isolator Key Switch Module<br>(supplied with test key) | NEW |  |



GDM016xx Grid Dual USB Charger Module









#### 20AX GRID KEY SWITCH MODULES

· Supplied with test key

| Code     | Model                            |
|----------|----------------------------------|
| GDM007xx | 2-Way SP (marked "EMG LTG TEST") |
| GDM008xx | DP (marked "EMG LTG TEST")       |
| GDM009xx | 2-Way SP                         |
| GDM010xx | DP                               |
| GDKEY    | Spare Key                        |



#### MISCELLANEOUS GRID MODULES

| Code     | Model                   |
|----------|-------------------------|
| GDM011xx | Fuse Holder (13A)       |
| GDM012xx | Flex Outlet (max. 10mm) |
| GDM013xx | Blank                   |
| GDM017   | Indicator - Green       |
| GDM018   | Indicator - Red         |
| GDM019   | Indicator - Orange      |



ENGRAVED ROCKER COVERS





#### GRID DUMMY DIMMER MODULE

- Push on/off function only
- . Ideal for situations where you require one position to look like a dimmer but act like a switch

| Code     | Model    |  |
|----------|----------|--|
| GDM022xx | 6A 2-Way |  |



#### **GRID ROCKER COVERS**

Easy to installReplace an existing rocker with an engraved version indicating the appliance it refers to

| Code      | Model           |
|-----------|-----------------|
| GDBOILxx  | Boiler          |
| GDDISHxx  | Dishwasher      |
| GDFANxx   | Fan             |
| GDWASHxx  | Washing Machine |
| GDDRYxx   | Tumble Dryer    |
| GDCOOKxx  | Cooker Hood     |
| GDHOBxx   | Hob             |
| GDOVENxx  | Oven            |
| GDMICROxx | Microwave       |
| GDFRIDxx  | Fridge Freezer  |



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  - \* Exceptions apply to fragile items

#### Place your customers order online and have it delivered direct on your behalf

### FINISHES



BRUSHED CHROME



ANTIQUE BRASS

## INSERT OPTIONS

BLACK

WHITE

GREY



# RAISED EDGE SWITCHES & SOCKETS

A comprehensive range of metal decorative switches and sockets with a square edge design

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DC 5V 2100mA

| 13A Sockets / Switched Sockets with USB                    | 40 |
|--|----|
| Phone Holder / FASTCHARGE USB Sockets                      | 41 |
| Quad USB Sockets / Bluetooth Speaker Sockets               | 42 |
| Shaver Sockets / Round Pin Sockets / Fan Isolator Switches | 43 |
| 10AX Switches  | 44 |
| 10AX Toggle Switches / Dimmers                             | 45 |
| Fused Spur Units / 20A Switches                            | 46 |
| Cooker Switches and Sockets                                | 47 |
| Media Outlets  | 47 |
| Blanking Plates / Modular Frames                           | 48 |
| Grid Wiring Accessories                                    | 49 |

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#### **13A SOCKETS**

Double pole switches

Minimum mounting box depth: 25mm









| Code   | Size | Finish         | Insert |
|--------|------|----------------|--------|
| CS9BC  | 2G   | Brushed Chrome | Black  |
| CS9BCG | 2G   | Brushed Chrome | Grey   |
| CS9BCW | 2G   | Brushed Chrome | White  |
| CS9AB  | 2G   | Antique Brass  | Black  |







#### 13A SWITCHED SOCKET WITH DUAL **USB CHARGER**

Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)

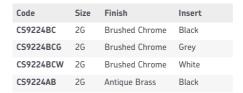
























| Code   | Size | Finish         | Insert |
|--------|------|----------------|--------|
| CS7BC  | 1G   | Brushed Chrome | Black  |
| CS7BCG | 1G   | Brushed Chrome | Grey   |
| CS7BCW | 1G   | Brushed Chrome | White  |
| CS7AB  | 1G   | Antique Brass  | Black  |





| Code    | Size | Finish         | Insert |
|---------|------|----------------|--------|
| CS91BC  | 1G   | Brushed Chrome | Black  |
| CS91BCG | 1G   | Brushed Chrome | Grey   |
| CS91BCW | 1G   | Brushed Chrome | White  |
| CS91AB  | 1G   | Antique Brass  | Black  |

#### 2G FLIP-DOWN PHONE HOLDER

Two-piece install
 no need to remove socket from wall

| Code   | Finish |
|--------|--------|
| 2GPHBK | Black  |
| 2GPHGY | Grey   |
| 2GPHWH | White  |

Socket not included

## FASTCHARGE

#### 13A 2G SWITCHED SOCKET WITH DUAL USB CHARGER (TYPE-A FASTCHARGE PORT)

- Double pole switches
- FASTCHARGE port: Type-A max. 5V-12V DC 3A
- Standard port: Type-A max. 5V DC 2A
- Total USB charging rate: 5V-12V DC 4A
  Minimum mounting box depth: 25mm-35mm
- Minimum mounting box depth: 25mm-35mn (dependent on wiring conditions)









| Code      | Finish         | Insert |
|-----------|----------------|--------|
| CS9906BC  | Brushed Chrome | Black  |
| CS9906BCG | Brushed Chrome | Grey   |
| CS9906BCW | Brushed Chrome | White  |

#### 13A 2G SWITCHED SOCKET WITH DUAL USB CHARGER (TYPE-C FASTCHARGE PORT)

- TYPE-C FASICHARGE PI
- Double pole switches
- FASTCHARGE port: Type-C max. 5V-12V DC 3A
- Standard port: Type-A max. 5V DC 2A
- Total USB charging rate: 5V-12V DC 4A
   Minimum mounting box depth: 25mm-31
- Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)









| Code      | Finish         | Insert |
|-----------|----------------|--------|
| CS9907BC  | Brushed Chrome | Black  |
| CS9907BCG | Brushed Chrome | Grey   |
| CS9907BCW | Brushed Chrome | White  |

#### RAISED EDGE - SQUARE 41

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#### 13A SWITCHED SOCKET WITH QUAD USB CHARGER

- USB charging rate: 5V DC 5.1A (shared)
- 3 ports share 3A
- 1 port dedicated 2.1A
- Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)











QUAD USB CHARGER OUTLET

Minimum mounting box depth: 25mm-35mm

(dependent on wiring conditions)



• 3 ports share 3A

• 1 port dedicated 2.1A



| Code      | Finish         | Insert |
|-----------|----------------|--------|
| CSQUADBC  | Brushed Chrome | Black  |
| CSQUADBCG | Brushed Chrome | Grey   |
| CSQUADBCW | Brushed Chrome | White  |



| Code       | Finish         | Insert |
|------------|----------------|--------|
| CS7USB4BC  | Brushed Chrome | Black  |
| CS7USB4BCG | Brushed Chrome | Grey   |
| CS7USB4BCW | Brushed Chrome | White  |

#### 13A SWITCHED SOCKET WITH DUAL USB CHARGER AND BLUETOOTH SPEAKER

• 3W RMS bluetooth speaker

 Minimum mounting box depth: 25-35mm (dependent on wiring conditions)









#### FLUSH MOUNT BLUETOOTH SPEAKER

- 3W RMS bluetooth speaker
- Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)



| Code      | Finish         | Insert |
|-----------|----------------|--------|
| CS9905BC  | Brushed Chrome | Black  |
| CS9905BCG | Brushed Chrome | Grey   |
| CS9905BCW | Brushed Chrome | White  |





| Code     | Finish         |
|----------|----------------|
| CSBLUEBC | Brushed Chrome |

#### RAISED EDGE - SQUARE



#### ROUND PIN SOCKETS

- 5A rated
- Minimum mounting box depth: 25mm











| Code   | Finish  |
|--------|---------|
| CS11BC | Brushe  |
| CS11AB | Antique |

e Brass

ed Chrome



**ISOLATOR** MODULES

| Code    | Finish         | Insert |
|---------|----------------|--------|
| CS5ABC  | Brushed Chrome | Black  |
| CS5ABCG | Brushed Chrome | Grey   |
| CS5ABCW | Brushed Chrome | White  |
| CS5AAB  | Antique Brass  | Black  |

#### **10AX FAN ISOLATOR SWITCH**

- Minimum mounting box depth: 16mm
- Triple pole



| Code   | Size | Model        | Finish         | Code  | Size | Model | Finish         |
|--------|------|--------------|----------------|-------|------|-------|----------------|
| CS12BC | 1G   | Intermediate | Brushed Chrome | CS2BC | 1G   | 2-Way | Brushed Chrome |
| CS12AB | 1G   | Intermediate | Antique Brass  | CS2AB | 1G   | 2-Way | Antique Brass  |





| Code  | Size | Model | Finish         |
|-------|------|-------|----------------|
| CS3BC | 2G   | 2-Way | Brushed Chrome |
| CS3AB | 2G   | 2-Way | Antique Brass  |





| Code   | Size | Model | Finish         |
|--------|------|-------|----------------|
| CS41BC | 4G   | 2-Way | Brushed Chrome |
| CS41AB | 4G   | 2-Way | Antique Brass  |



| Code  | Size | Model | Finish         |
|-------|------|-------|----------------|
| CS4BC | 3G   | 2-Way | Brushed Chrome |
| CS4AB | 3G   | 2-Way | Antique Brass  |



| Code   | Size | Model | Finish         |
|--------|------|-------|----------------|
| CS42BC | 6G   | 2-Way | Brushed Chrome |
| CS42AB | 6G   | 2-Way | Antique Brass  |

RAISED EDGE - SQUARE

#### **10AX TOGGLE SWITCHES**

• Minimum mounting box depth: 16mm

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| Code      | Size | Model        | Finish         |
|-----------|------|--------------|----------------|
| CSTOG12BC | 1G   | Intermediate | Brushed Chrome |
| CSTOG12AB | 1G   | Intermediate | Antique Brass  |
| CSTOG1BC  | 1G   | 2-Way        | Brushed Chrome |
| CSTOG1AB  | 1G   | 2-Way        | Antique Brass  |

| ΤI | RAILING-EDGE DIMMERS              |
|----|-----------------------------------|
| ٠  | 10-200W incandescent   5-150W LED |
| ٠  | Minimum mounting box depth: 25mm  |



| Code     | Size | Model | Finish         |
|----------|------|-------|----------------|
| CS2181BC | 1G   | 2-Way | Brushed Chrome |
| CS2181AB | 1G   | 2-Way | Antique Brass  |





| Code     | Size | Model | Finish         |
|----------|------|-------|----------------|
| CSTOG2BC | 2G   | 2-Way | Brushed Chrome |
| CSTOG2AB | 2G   | 2-Way | Antique Brass  |



| Code     | Size | Model | Finish         |
|----------|------|-------|----------------|
| CS2182BC | 2G   | 2-Way | Brushed Chrome |
| CS2182AB | 2G   | 2-Way | Antique Brass  |









| Code     | Size | Model | Finish         |
|----------|------|-------|----------------|
| CSTOG3BC | 3G   | 2-Way | Brushed Chrome |
| CSTOG3AB | 3G   | 2-Way | Antique Brass  |

| Code     | Size | Model | Finish         |
|----------|------|-------|----------------|
| CS2183BC | 3G   | 2-Way | Brushed Chrome |
| CS2183AB | 3G   | 2-Way | Antique Brass  |









| Code     | Size | Model | Finish         |
|----------|------|-------|----------------|
| CSTOG4BC | 4G   | 2-Way | Brushed Chrome |
| CSTOG4AB | 4G   | 2-Way | Antique Brass  |

| Code     | Size | Model | Finish         |
|----------|------|-------|----------------|
| CS2184BC | 4G   | 2-Way | Brushed Chrome |
| CS2184AB | 4G   | 2-Way | Antique Brass  |

#### RAISED EDGE - SQUARE 45

#### FUSED SPUR UNITS

- 13A rated
- Double pole switches where applicable Minimum mounting box depth: 25mm
- 8 9 1 : 9 п

| Code  | Model      | Finish         |
|-------|------------|----------------|
| CS6BC | Unswitched | Brushed Chrome |
| CS6AB | Unswitched | Antique Brass  |



- Double pole switches
- Minimum mounting box depth: 25mm



| Code    | Model    | Finish         |
|---------|----------|----------------|
| CS834BC | Switched | Brushed Chrome |
| CS834AB | Switched | Antique Brass  |





| Code   | Model    | Finish         |
|--------|----------|----------------|
| CS63BC | Switched | Brushed Chrome |
| CS63AB | Switched | Antique Brass  |





| Code     | Model           | Finish         |
|----------|-----------------|----------------|
| CS834NBC | Switched + Neon | Brushed Chrome |
| CS834NAB | Switched + Neon | Antique Brass  |





| Code    | Model           | Finish         |
|---------|-----------------|----------------|
| CS63NBC | Switched + Neon | Brushed Chrome |
| CS63NAB | Switched + Neon | Antique Brass  |



| Code     | Model                                    | Finish         |
|----------|--|----------------|
| CS834FBC | Switched + Neon<br>+Flex Outlet (front)  | Brushed Chrome |
| CS834FAB | Switched + Neon<br>+ Flex Outlet (front) | Antique Brass  |

#### **45A COOKER SWITCHES** WITH NEONS

- Double pole switches
- Minimum mounting box depth: 47mm



| Code    | Size   | Finish         |  |
|---------|--------|----------------|--|
| CS81NBC | Single | Brushed Chrome |  |
| CS81NAB | Single | Antique Brass  |  |



| Code    | Model                                    | Finish         |
|---------|--|----------------|
| CS63FBC | Switched + Neon<br>+ Flex Outlet (front) | Brushed Chrome |
| CS63FAB | Switched + Neon<br>+ Flex Outlet (front) | Antique Brass  |



| Code    | Size   | Finish         |  |
|---------|--------|----------------|--|
| CS82NBC | Double | Brushed Chrome |  |
| CS82NAB | Double | Antique Brass  |  |

## 45A COOKER SWITCH AND SOCKET WITH NEONS

- Double pole switches
- 13A switched socket
- Minimum mounting box depth: 47mm









| Code    | Finish         | Insert |
|---------|----------------|--------|
| CS83BC  | Brushed Chrome | Black  |
| CS83BCG | Brushed Chrome | Grey   |
| CS83BCW | Brushed Chrome | White  |
| CS83AB  | Antique Brass  | Black  |

#### TELEPHONE SOCKETS

• Minimum mounting box depth: 25mm



| Code   | Model     | Finish         |
|--------|-----------|----------------|
| CS73BC | Master    | Brushed Chrome |
| CS73AB | Master    | Antique Brass  |
| CS74BC | Extension | Brushed Chrome |
| CS74AB | Extension | Antique Brass  |

#### NETWORK OUTLETS

• Minimum mounting box depth: 25mm

| • 📕 • | e 📕 |
|-------|-----|
|       |     |

| Code   | Model | Finish         |
|--------|-------|----------------|
| CS45BC | RJ45  | Brushed Chrome |
| CS45AB | RJ45  | Antique Brass  |

#### TV OUTLET

• Minimum mounting box depth: 25mm



| Code    | Model        | Finish         |
|---------|--------------|----------------|
| CS010BC | Non-isolated | Brushed Chrome |
| CS010AB | Non-isolated | Antique Brass  |







#### 45A SWITCH AND SOCKET WITH DUAL USB CHARGER

- Double pole switches
- 13A switched socket
- Minimum mounting box depth: 47mm

| Code       | Model               | Insert |
|------------|---------------------|--------|
| CS8333UBC  | Switched + Dual USB | Black  |
| CS8333UBCG | Switched + Dual USB | Grey   |
| CS8333UBCW | Switched + Dual USB | White  |

USB

5V DC 2.44 (SHARED)

#### SAT TV OUTLET

Minimum mountingbox depth: 25mm



| CS015BC | Non-isolated | Brushed Chrome |
|---------|--------------|----------------|
| CS015AB | Non-isolated | Antique Brass  |

#### MODULAR FRAMES

• For use with 25mm x 50mm and/or 50mm x 50mm euro modules



| Code   | Model    | Finish         |
|--------|----------|----------------|
| CS1GBC | 1 Module | Brushed Chrome |
| CS1GAB | 1 Module | Antique Brass  |

#### TV AND SAT TV OUTLET

• Minimum mounting box depth: 25mm





| Code    | Model    | Finish         |
|---------|----------|----------------|
| CS014BC | Isolated | Brushed Chrome |
| CS014AB | Isolated | Antique Brass  |



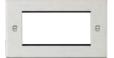
| Code   | Model       | Finish         |  |
|--------|-------------|----------------|--|
| CS2GBC | 1-2 Modules | Brushed Chrome |  |
| CS2GAB | 1-2 Modules | Antique Brass  |  |

#### **BLANKING PLATES**





| Code   | Size | Finish         |
|--------|------|----------------|
| CS85BC | 1G   | Brushed Chrome |
| CS85AB | 1G   | Antique Brass  |





| Code   | Model       | Finish         |
|--------|-------------|----------------|
| CS4GBC | 2-4 Modules | Brushed Chrome |
| CS4GAB | 2-4 Modules | Antique Brass  |



Antique Brass



RAISED EDGE - SQUARE

2G

CS86AB

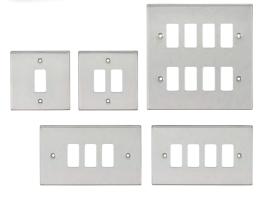




#### GRID FACEPLATES

- Requires grid mounting frame (sold separately)
- For use with Knightsbridge Grid accessories only

| Code     | Size |
|----------|------|
| GDCS1BC  | 1G   |
| GDCS2BC  | 2G   |
| GDCS3BC  | 3G   |
| GDCS4BC  | 4G   |
| GDCS6BC  | 6G   |
| GDCS8BC  | 8G   |
| GDCS9BC  | 9G   |
| GDCS12BC | 12G  |



#### GRID MOUNTING FRAMES



| Code    | Size |  |
|---------|------|--|
| GDF001F | 1-2G |  |
| GDF002F | 3-4G |  |
|         |      |  |



GRID BACK BOXES

**PAGE 142** 









#### 20AX GRID SWITCH MODULES

| Code     | Model                                |
|----------|--------------------------------------|
| GDM001BC | 2-Way SP                             |
| GDM002BC | DP                                   |
| GDM003BC | DP + LED Indicator                   |
| GDM004BC | 2-Way SP (centre-off)                |
| GDM005BC | Intermediate                         |
| GDM006BC | 2-Way SP Retractive (marked "PRESS") |

#### 2G INTERMEDIATE SWITCHES

can be made using GDM005BC





#### 10A GRID FAN ISOLATOR MODULES

#### • Triple pole

• Requires single grid position only

| Code     | Model  |
|----------|--|
| GDM020BC | Fan Isolator Switch Module                                 |
| GDM021BC | Fan Isolator Key Switch Module<br>(supplied with test key) |





#### 20AX GRID KEY SWITCH MODULES

|  | Supplied | with | test | key |  |
|--|----------|------|------|-----|--|
|--|----------|------|------|-----|--|

| Code     | Model                            |
|----------|----------------------------------|
| GDM007BC | 2-Way SP (marked "EMG LTG TEST") |
| GDM008BC | DP (marked "EMG LTG TEST")       |
| GDM009BC | 2-Way SP                         |
| GDM010BC | DP                               |
| GDKEY    | Spare Key                        |



#### GRID TRAILING-EDGE DIMMER MODULES

• 10-200W incandescent | 10-100W LED

| Code     | Model                         |
|----------|-------------------------------|
| GDM014BC | Trailing-Edge Dimmer (Press)  |
| GDM200BC | Trailing-Edge Dimmer (Rotary) |



#### GRID DUMMY DIMMER MODULE

- Push on/off function only
- · Ideal for situations where you require one position to look like a dimmer but act like a switch

| Code     | Model    |
|----------|----------|
| GDM022BC | 6A 2-Way |







Model

#### MISCELLANEOUS GRID MODULES

Fuse Holder (13A)



#### GRID DUAL USB CHARGER MODULE

• Requires two grid positions

Code

Model GDM016BC Dual USB Charger Module

|           | USB               |
|-----------|-------------------|
|           |                   |
| 5V<br>(SI | DC 2.4A<br>HARED) |

| GDM012BC | Flex Outlet (max. 10mm) |
|----------|-------------------------|
| GDM013BC | Blank                   |
| GDM017   | Indicator - Green       |
| GDM018   | Indicator - Red         |
| GDM019   | Indicator - Orange      |



Code

GDM011BC

#### **GRID ROCKER COVERS**

· Easy to install

· Replace an existing rocker with an engraved version indicating the appliance it refers to

| Code      | Model           |
|-----------|-----------------|
| GDBOILBC  | Boiler          |
| GDDISHBC  | Dishwasher      |
| GDFANBC   | Fan             |
| GDWASHBC  | Washing Machine |
| GDDRYBC   | Tumble Dryer    |
| GDCOOKBC  | Cooker Hood     |
| GDHOBBC   | Hob             |
| GDOVENBC  | Oven            |
| GDMICROBC | Microwave       |
| GDFRIDBC  | Fridge Freezer  |
|           |                 |



ENGRAVED ROCKER COVERS

### FINISHES

- BRUSHED CHROME
- POLISHED CHROME
- POLISHED BRASS
- BRUSHED BRASS
- GUNMETAL
- PEARL

## INSERT OPTIONS black white grey

N

## FLAT PLATE

Max 3.0A

ISB Charger ax. 5V DC 5100mA

0

2.1A

Metal decorative switches and sockets featuring an ultra slim profile design

| 13A Switched Sockets                      | 56    |
|---|-------|
| Floor Sockets                             | 57    |
| Sockets with USB                          | 57-58 |
| Quad USB Sockets                          | 59-60 |
| Bluetooth Speaker Sockets                 | 60    |
| Phone Holder / Shaver Sockets             | 61    |
| Round Pin Sockets / Fan isolator Switches | 62    |
| 10AX Switches                             | 62-63 |
| 10AX Toggle Switches                      | 64    |
| Dimmers                                   | 65    |
| Fused Spur Units                          | 66    |
| 20A Switches                              | 67    |
| Cooker Switches and Sockets               | 68    |
| Media Outlets / Blanking Plates           | 69-70 |
| Modular Frames                            | 71    |
| Grid Wiring Accessories                   | 72-74 |
|   |       |

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## Ж

#### LONGLASTING Robust full metal housing

#### COLOUR MATCHING

Matching metal rockers with no surround

#### DOUBLE POLE SWITCHES

On selected products, for additional safety

Single Plate Size: 87.5mm x 87.5mm

Double Plate Size: 87.5mm x 147.5mm

Plate Projection: 2.5mm

#### UNIQUE SOCKET DESIGN

Socket concealed by plug once inserted

### LOW PROFILE DESIGN

Plate Projection 2.5mm (including gasket)



HIGH INTEGRITY EARTHING

Twin earthing terminals (on double switched sockets), for compliance with BS 7671:2008 regulation 543-7

#### MOISTURE TRANSFER RESISTANT

Integrated moisture gasket - barely visible when installed

ato:

North

### High quality US IC's, and USB controllers



\*2 YEARS ON ELECTRONIC PRODUCTS



**13A DP SWITCHED SOCKETS** 

• Twin earth • Double pole switches

• Minimum mounting box depth: 25mm



Insert

Black

Grey

White

Black

Black







Size

2G

2G

2G

2G

2G

Finish

Brushed Chrome

Brushed Chrome

Brushed Chrome

Polished Brass

Gunmetal

Code

FPR9000BC

FPR9000BCG

FPR9000BCW

FPR9000GM

FPR9000PB





| Code       | Size | Finish          | Insert |
|------------|------|-----------------|--------|
| FPR9000PLW | 2G   | Pearl           | White  |
| FPR9000BB  | 2G   | Brushed Brass   | Black  |
| FPR9000PC  | 2G   | Polished Chrome | Black  |
| FPR9000PCG | 2G   | Polished Chrome | Grey   |
| FPR9000PCW | 2G   | Polished Chrome | White  |

























| Code       | Size | Finish         | Insert | Code       | Size | Finish          | Insert |
|------------|------|----------------|--------|------------|------|-----------------|--------|
| FPR7000BC  | 1G   | Brushed Chrome | Black  | FPR7000PLW | 1G   | Pearl           | White  |
| FPR7000BCG | 1G   | Brushed Chrome | Grey   | FPR7000BB  | 1G   | Brushed Brass   | Black  |
| FPR7000BCW | 1G   | Brushed Chrome | White  | FPR7000PC  | 1G   | Polished Chrome | Black  |
| FPR7000GM  | 1G   | Gunmetal       | Black  | FPR7000PCG | 1G   | Polished Chrome | Grey   |
| FPR7000PB  | 1G   | Polished Brass | Black  | FPR7000PCW | 1G   | Polished Chrome | White  |

#### FLOOR SOCKETS

- 13A rated Unswitched Spring-loaded cover Minimum recessed depth: 35mm
- 1G: 94.5mm x 86mm 2G: 94.5mm x 144mm





| Code     | Size | Finish          | Insert | Code     | Size | Finish          | Insert |
|----------|------|-----------------|--------|----------|------|-----------------|--------|
| FPR7UPBW | 1G   | Polished Brass  | White  | FPR9UPBW | 2G   | Polished Brass  | White  |
| FPR7UPCW | 1G   | Polished Chrome | White  | FPR9UPCW | 2G   | Polished Chrome | White  |
| FPR7UBBW | 1G   | Brushed Brass   | White  | FPR9UBBW | 2G   | Brushed Brass   | White  |
| FPR7UBCW | 1G   | Brushed Chrome  | White  | FPR9UBCW | 2G   | Brushed Chrome  | White  |

#### 13A 2G SWITCHED SOCKET WITH DUAL USB CHARGER

• Twin earth • Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)





| Code       | Size | Finish         | Insert | Code       | Size | Finish          | Insert |
|------------|------|----------------|--------|------------|------|-----------------|--------|
| FPR9224BC  | 2G   | Brushed Chrome | Black  | FPR9224PLW | 2G   | Pearl           | White  |
| FPR9224BCG | 2G   | Brushed Chrome | Grey   | FPR9224BB  | 2G   | Brushed Brass   | Black  |
| FPR9224BCW | 2G   | Brushed Chrome | White  | FPR9224PC  | 2G   | Polished Chrome | Black  |
| FPR9224GM  | 2G   | Gunmetal       | Black  | FPR9224PCG | 2G   | Polished Chrome | Grey   |
| FPR9224PB  | 2G   | Polished Brass | Black  | FPR9224PCW | 2G   | Polished Chrome | White  |

#### 13A 1G SWITCHED SOCKET WITH DUAL USB CHARGER

• Minimum Mounting box depth: 25mm-35mm (dependent on wiring conditions)





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| Code       | Size | Finish         | Insert |
|------------|------|----------------|--------|
| FPR9901BC  | 1G   | Brushed Chrome | Black  |
| FPR9901BCG | 1G   | Brushed Chrome | Grey   |
| FPR9901BCW | 1G   | Brushed Chrome | White  |
| FPR9901GM  | 1G   | Gunmetal       | Black  |
| FPR9901PB  | 1G   | Polished Brass | Black  |

| Code       | Size | Finish          | Insert |
|------------|------|-----------------|--------|
| FPR9901PLW | 1G   | Pearl           | White  |
| FPR9901BB  | 1G   | Brushed Brass   | Black  |
| FPR9901PC  | 1G   | Polished Chrome | Black  |
| FPR9901PCG | 1G   | Polished Chrome | Grey   |
| FPR9901PCW | 1G   | Polished Chrome | White  |

## INNOVATIONS

#### 13A 2G SWITCHED SOCKET WITH DUAL USB CHARGER

AND CHARGING INDICATORS

- Twin earth LED charging indicators
   Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)



| Code        | Size | Finish         | Insert | CHARGING     | GED |
|-------------|------|----------------|--------|--------------|-----|
| FPR9904NBC  | 2G   | Brushed Chrome | Black  |              | -   |
| FPR9904NBCG | 2G   | Brushed Chrome | Grey   | DC 59 JADIMA | -   |
| FPR9904NBCW | 2G   | Brushed Chrome | White  |              |     |

#### **13A SWITCHED SOCKET WITH** QUAD USB CHARGER

- 3 ports share 3A
  1 port dedicated 2.1A

Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)

| Code        | Size | Finish          | Insert |
|-------------|------|-----------------|--------|
| FPR7USB4BC  | 2G   | Brushed Chrome  | Black  |
| FPR7USB4BCG | 2G   | Brushed Chrome  | Grey   |
| FPR7USB4BCW | 2G   | Brushed Chrome  | White  |
| FPR7USB4GM  | 2G   | Gunmetal        | Black  |
| FPR7USB4PB  | 2G   | Polished Brass  | Black  |
| FPR7USB4PLW | 2G   | Pearl           | White  |
| FPR7USB4BB  | 2G   | Brushed Brass   | Black  |
| FPR7USB4PC  | 2G   | Polished Chrome | Black  |
| FPR7USB4PCG | 2G   | Polished Chrome | Grey   |
| FPR7USB4PCW | 2G   | Polished Chrome | White  |





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#### **INNOVATIONS** FLAT PLATE



| Code      | Finish         | Insert | Code      | Finish          | Insert |
|-----------|----------------|--------|-----------|-----------------|--------|
| FPQUADBC  | Brushed Chrome | Black  | FPQUADPLW | Pearl           | White  |
| FPQUADBCG | Brushed Chrome | Grey   | FPQUADBB  | Brushed Brass   | Black  |
| FPQUADBCW | Brushed Chrome | White  | FPQUADPC  | Polished Chrome | Black  |
| FPQUADGM  | Gunmetal       | Black  | FPQUADPCG | Polished Chrome | Grey   |
| FPQUADPB  | Polished Brass | Black  | FPQUADPCW | Polished Chrome | White  |

USB

5V DC 2.4A (SHARED)

\*

BLUETOOTH

Insert

Black

Grey

White

#### 13A SWITCHED SOCKET WITH DUAL USB CHARGER AND BLUETOOTH SPEAKER

- 3W RMS bluetooth speaker
  Minimum mounting box depth: 25mm-35mm
- (dependent on wiring conditions)
  Code Size Finish

| FPR9905BC  | 26 |
|------------|----|
| FPR9905BCG | 2G |
| FPR9905BCW | 2G |



Brushed Chrome







## INNOVATIONS

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FLAT PLATE



#### 2G FLIP-DOWN PHONE HOLDER

- Handy flip-down phone holder for use with double switched sockets with USB charging facility
- Two-piece install no need to remove socket from wall Sits behind the existing double switched socket •
- .
- Fold down shelf for supporting your device whilst charging folds up when not in use

| Code   | Size | Finish |  |
|--------|------|--------|--|
| 2GPHBK | 2G   | Black  |  |
| 2GPHGY | 2G   | Grey   |  |
| 2GPHW  | 2G   | White  |  |

## **INNOVATIONS**

#### DUAL VOLTAGE SHAVER SOCKETS

• Minimum mounting box depth: 47mm • 115/230V 20VA rated • IP41 rated



ROUND PIN SOCKETS 5A rated

Minimum mounting box depth: 25mm • Unswitched



| FP5ABC  | Brushed Unrome | Віаск |
|---------|----------------|-------|
| FP5ABCG | Brushed Chrome | Grey  |
| FP5ABCW | Brushed Chrome | White |
| FP5AGM  | Gunmetal       | Black |
| FP5APB  | Polished Brass | Black |

#### 10AX FAN ISOLATOR SWITCHES

- Triple pole
- Minimum mounting box depth: 16mm







| Code     | Finish         |
|----------|----------------|
| FP1100BC | Brushed Chrome |
| FP1100GM | Gunmetal       |

nmetal

FP1100PB Polished Brass

#### **10AX SWITCHES**

· Minimum mounting box depth: 16mm



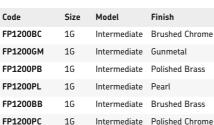








| Finish          |
|-----------------|
| Brushed Chrome  |
| Gunmetal        |
| Polished Brass  |
| Pearl           |
| Brushed Brass   |
| Polished Chrome |



| Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|
| FP2000BC | 1G   | 2-Way | Brushed Chrome  |
| FP2000GM | 1G   | 2-Way | Gunmetal        |
| FP2000PB | 1G   | 2-Way | Polished Brass  |
| FP2000PL | 1G   | 2-Way | Pearl           |
| FP2000BB | 1G   | 2-Way | Brushed Brass   |
| FP2000PC | 1G   | 2-Way | Polished Chrome |





Code

FP1100PL

FP1100BB

FP1100PC

FP5APC

**FP5APCG** 

**FP5APCW** 



Finish

Pearl

Brushed Brass

Polished Chrome

Polished Chrome

Polished Chrome

Polished Chrome



Black

Grey

White



Code

#### **10AX SWITCHES**

Minimum mounting box depth: 16mm





| Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|
| FP3000BC | 2G   | 2-Way | Brushed Chrome  |
| FP3000GM | 2G   | 2-Way | Gunmetal        |
| FP3000PB | 2G   | 2-Way | Polished Brass  |
| FP3000PL | 2G   | 2-Way | Pearl           |
| FP3000BB | 2G   | 2-Way | Brushed Brass   |
| FP3000PC | 2G   | 2-Way | Polished Chrome |

| Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|
| FP4100BC | 4G   | 2-Way | Brushed Chrome  |
| FP4100GM | 4G   | 2-Way | Gunmetal        |
| FP4100PB | 4G   | 2-Way | Polished Brass  |
| FP4100PL | 4G   | 2-Way | Pearl           |
| FP4100BB | 4G   | 2-Way | Brushed Brass   |
| FP4100PC | 4G   | 2-Way | Polished Chrome |











| Code     | Size | Model | Finish          | Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|----------|------|-------|-----------------|
| FP4000BC | 3G   | 2-Way | Brushed Chrome  | FP4200BC | 6G   | 2-Way | Brushed Chrome  |
| FP4000GM | 3G   | 2-Way | Gunmetal        | FP4200GM | 6G   | 2-Way | Gunmetal        |
| FP4000PB | 3G   | 2-Way | Polished Brass  | FP4200PB | 6G   | 2-Way | Polished Brass  |
| FP4000PL | 3G   | 2-Way | Pearl           | FP4200PL | 6G   | 2-Way | Pearl           |
| FP4000BB | 3G   | 2-Way | Brushed Brass   | FP4200BB | 6G   | 2-Way | Brushed Brass   |
| FP4000PC | 3G   | 2-Way | Polished Chrome | FP4200PC | 6G   | 2-Way | Polished Chrome |

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### 10AX TOGGLE SWITCHES • Minimum mounting box depth: 16mm

| FP12T0GBC       16       Intermediate       Brushed Chrome         FP12T0GCM       16       Intermediate       Gunmetal         FP12T0GPB       16       Intermediate       Polished Brass         FP12T0GDL       16       Intermediate       Paral         FP12T0GDE       16       Intermediate       Paral         FP12T0GDE       16       Intermediate       Brushed Brass         FP12T0GDC       16       Intermediate       Polished Brass         FP12T0GDC       16       Intermediate       Polished Chrome         FP12T0GDC       16       Intermediate       Polished Chrome         FP2T0GBC       26       2-Way       Brushed Brass         FP2T0GPL       26       2-Way       Brushed Brass         FP2T0GPB       26       2-Way       Polished Brass         FP2T0GPL       26       2-Way       P  | e 🖲 e     | 0   | <b>a</b> 0   | ° @ °           | • @ •           | e        | @ •   | e 🛞 e           |
|--|-----------|---|--------------|-----------------|-----------------|----------|-------|-----------------|
| PP12T06GM       16       Intermediate       Gunmetal         P12T06GPB       16       Intermediate       Polished Brass         FP12T06GPL       16       Intermediate       Pearl         FP12T06GPC       16       Intermediate       Pearl         FP12T06GPC       16       Intermediate       Pearl         FP12T06GPC       16       Intermediate       Polished Chrome         FP12T06GPC       16       Intermediate       Polished Chrome         Code       Size       Model       Finish         FP2T06GPC       26       2-Way       Brushed Chrome         FP2T06GPC       26       2-Way       Brushed Chrome         FP2T06GPL       26       2-Way       Gunmetal         FP2T06GPB       26       2-Way       Gunmetal         FP2T06GPB       26       2-Way       Polished Brass         FP2T06GPB       26       2-Way       Polished Brass         FP2T06GPD       26       2-Way       Polished Brass  | Code      | Size  | Model        | Finish          | Code            | Size     | Model | Finish          |
| FP12T0GPB       16       Intermediate       Polished Brass       FP1T0GPB       16       2-Way       Polished Brass         FP12T0GPL       16       Intermediate       Pearl       FP1T0GPL       16       2-Way       Pearl         FP12T0GPL       16       Intermediate       Pearl       FP1T0GPL       16       2-Way       Pearl         FP12T0GPL       16       Intermediate       Polished Chrome       FP1T0GPL       16       2-Way       Polished Chrome         FP2T0GPL       26       2-Way       Brushed Chrome       FP2T0GPL       26       2-Way       Pearl         FP2T0GPL       26       2-Way       Brushed Chrome       FP2T0GPL       26       2-Way       Pearl         FP2T0GPL       26       2-Way       Polished Brass       FP2T0GPL       26       2-Way       Pearl         FP2T0GPL       26       2-Way       Brushed Chrome       FP2T0GPL       26       2-Way       Pearl         FP2T0GPB       26       2-Way       Polished Brass       FP2T0GPL       26       2-Way       Polished Brass         FP2T0GPL       26       2-Way       Polished Brass       FP2T0GPL       26       2-Way       Polished Brass         FP3  | FP12T0GBC | 1G  | Intermediate | Brushed Chrome  | FP1T0GBC        | 1G       | 2-Way | Brushed Chrome  |
| FP12T0GPL       16       Intermediate       Pearl         FP12T0GBB       16       Intermediate       Brushed Brass         FP12T0GPC       16       Intermediate       Brushed Brass         FP12T0GPC       16       Intermediate       Polished Chrome         Code       Size       Model       Finish         FP2T0GBD       26       2-Way       Brushed Chrome         FP2T0GPD       26       2-Way       Brushed Chrome         FP2T0GPD       26       2-Way       Brushed Chrome         FP2T0GBD       26       2-Way       Polished Brass         FP2T0GBD       26       2-Way       Brushed Chrome         FP3T0GBC       36       2-Way       Brushed Chrome         FP3T0GBC       36       2-Way       Brushed Chrome         FP3T0GBD       36       2-Way       Brushed Chrome         FP3T0GBD       36       2-Way       Brushed Chrome         FP3T0GBD       36       2-Way       Brushed Chrome <t< td=""><td>FP12T0GGM</td><td>1G</td><td>Intermediate</td><td>Gunmetal</td><th>FP1T0GGM</th><td>1G</td><td>2-Way</td><td>Gunmetal</td></t<>  | FP12T0GGM | 1G  | Intermediate | Gunmetal        | FP1T0GGM        | 1G       | 2-Way | Gunmetal        |
| FP12T0GBB       16       Intermediate       Brushed Brass       FP1T0GEB       16       2-Way       Brushed Brass         FP12T0GPC       16       Intermediate       Polished Chrome       FP1T0GPC       16       2-Way       Brushed Brass         Code       Size       Model       Fnish       FP2T0GPC       26       2-Way       Brushed Chrome         FP2T0GBC       26       2-Way       Brushed Chrome       FP2T0GPL       26       2-Way       Brushed Brass         FP2T0GPB       26       2-Way       Brushed Chrome       FP2T0GPC       26       2-Way       Brushed Brass         FP2T0GPB       26       2-Way       Brushed Brass       FP2T0GPC       26       2-Way       Brushed Brass         FP2T0GPB       26       2-Way       Polished Brass       FP2T0GPC       26       2-Way       Brushed Chrome         FP2T0GPB       26       2-Way       Polished Brass       FP2T0GPC       26       2-Way       Brushed Chrome         FP2T0GPB       26       2-Way       Brushed Chrome       P2T0GPC       26       2-Way       P01ished Brass         FP3T0GPB       36       2-Way       Brushed Chrome       FP4T0GPC       26       2-Way       Brushed Chrome </td <td>FP12T0GPB</td> <td>1G</td> <td>Intermediate</td> <td>Polished Brass</td> <th>FP1T0GPB</th> <td>1G</td> <td>2-Way</td> <td>Polished Brass</td>   | FP12T0GPB | 1G  | Intermediate | Polished Brass  | FP1T0GPB        | 1G       | 2-Way | Polished Brass  |
| FP12TOGPC       16       Intermediate       Polished Chrome       FP1TOGPC       16       2-Way       Polished Chrome         Code       Size       Model       Finish       Code       Size       Model       Finish         FP2TOGBC       26       2-Way       Brushed Chrome       FP2TOGPL       26       2-Way       Pearl         FP2TOGPB       26       2-Way       Brushed Chrome       FP2TOGPC       26       2-Way       Pearl         FP2TOGPB       26       2-Way       Polished Brass       FP2TOGPC       26       2-Way       Polished Chrome         © @ @ @ 0         | FP12T0GPL | 1G  | Intermediate | Pearl           | FP1T0GPL        | 1G       | 2-Way | Pearl           |
| Image: Size Model       Finish       Code       Size Model       Finish         FP2T0GBC       26       2-Way       Brushed Chrome         FP2T0GBD       26       2-Way       Gunmetal         FP2T0GPB       26       2-Way       Gunmetal         FP2T0GPB       26       2-Way       Polished Brass         Image: Size Model       Finish       FP2T0GPC       26       2-Way       Brushed Chrome         Image: Size Model       Image: Size Model       Finish       FP2T0GPC       26       2-Way       Brushed Chrome         Image: Size Model       Image: Size Model       Image: Size Model       Image: Size Size Model       Image: Size Size Size Size Size Model       Image: Size Size Size Size Size Size Size Size  | FP12T0GBB | 1G  | Intermediate | Brushed Brass   | <b>FP1T0GBB</b> | 1G       | 2-Way | Brushed Brass   |
| Code       Size       Model       Finish         FP2T0GBC       26       2-Way       Brushed Chrome         FP2T0GPB       26       2-Way       Gunmetal         FP2T0GPB       26       2-Way       Polished Brass         FP2T0GPC       26       2-Way       Polished Chrome         FP2T0GPC       26       2-Way       Polished Chrome         FP2T0GPC       6       6       6       6         FP2T0GPC       26       2-Way       Polished Chrome         FP2T0GPC       6       6       6       6         FP2T0GPC       7       6       6       6         FP2T0GPC       7       6       6       6         FP2T0GPC       8       6       6       6         FP2T0GPC       7       6       6       6         FP3T0GPC       36       2-Way       8       7         FP3T0GPL       36       2-Way       9       6         FP3T0GPL </td <td>FP12TOGPC</td> <td>1G</td> <td>Intermediate</td> <td>Polished Chrome</td> <th>FP1T0GPC</th> <td>1G</td> <td>2-Way</td> <td>Polished Chrome</td>   | FP12TOGPC | 1G  | Intermediate | Polished Chrome | FP1T0GPC        | 1G       | 2-Way | Polished Chrome |
| FP2T0GBC       26       2-Way       Brushed Chrome       FP2T0GPL       26       2-Way       Gunmetal         FP2T0GBB       26       2-Way       Gunmetal       FP2T0GPL       26       2-Way       Brushed Brass         FP2T0GPB       26       2-Way       Polished Brass       FP2T0GPC       26       2-Way       Polished Brass         Image: Polished Brass       Image:                  | e @@ c    | 4   | • 88 °       | • @@ •          | • •             |          |       | •               |
| FP2T0GGM       2G       2-Way       Gunmetal       FP2T0GBB       2G       2-Way       Brushed Brass         FP2T0GPB       2G       2-Way       Polished Brass       FP2T0GPC       2G       2-Way       Brushed Brass         POIshed Prass       POIshed Brass       PP2T0GPC       2G       2-Way       Polished Chrome         POIshed Prass       PP2T0GPC       2G       2-Way       Polished Chrome         PP2T0GPS       PP2T0GPC       P2-W   | Code      | Size  | Model        | Finish          | Code            | Size     | Model | Finish          |
| FP2TOGPB       2G       2-Way       Polished Brass       FP2TOGPC       2G       2-Way       Polished Chrome         Image: Protogram       Image: Protogram< | FP2T0GBC  | 2G  | 2-Way        | Brushed Chrome  | FP2T0GPL        | 2G       | 2-Way | Pearl           |
| Image: Size Model Finish   FP3TOGBC 36   2 - Way Brushed Brass   FP3TOGPL 36   36 2 - Way   Brushed Brass   FP3TOGBB 36   2 - Way Brushed Brass   FP4TOGBL 46   2 - Way Brushed Brass   FP4TOGBL 46   2 - Way Brushed Brass  | FP2T0GGM  | 2G  | 2-Way        | Gunmetal        | FP2T0GBB        | 2G       | 2-Way | Brushed Brass   |
| Code Size Model Finish   FP3TOGBC 36 2-Way Brushed Chrome   FP3TOGPL 36 2-Way Pearl   FP3TOGBB 36 2-Way Pearl   FP3TOGBB 36 2-Way Pearl   FP3TOGBB 36 2-Way Brushed Brass   FP3TOGBB 36 2-Way Pearl   FP3TOGBB 36 2-Way Brushed Brass  | FP2T0GPB  | 2G  | 2-Way        | Polished Brass  | FP2T0GPC        | 2G       | 2-Way | Polished Chrome |
| FP3TOGBC3G2-WayBrushed ChromeFP4TOGBC4G2-WayBrushed ChromeFP3TOGGM3G2-WayGunmetalFP4TOGGM4G2-WayGunmetalFP3TOGPB3G2-WayPolished BrassFP4TOGPB4G2-WayPolished BrassFP3TOGPL3G2-WayPearlFP4TOGBE4G2-WayPearlFP3TOGBB3G2-WayBrushed BrassFP4TOGBE4G2-WayPearl   | • • •     | <ul> <li>(a)</li> <li>(b)</li> <li>(c)</li> <li>(c)</li></ul> |              |                 | •               | 99<br>99 |       |                 |
| FP3TOGGM3G2-WayGunmetalFP4TOGGM4G2-WayGunmetalFP3TOGPB3G2-WayPolished BrassFP4TOGPB4G2-WayPolished BrassFP3TOGPL3G2-WayPearlFP4TOGPL4G2-WayPearlFP3TOGBB3G2-WayBrushed BrassFP4TOGBB4G2-WayPearl   | Code      |   |              |                 |                 |          |       |                 |
| FP3TOGPB3G2-WayPolished BrassFP4TOGPB4G2-WayPolished BrassFP3TOGPL3G2-WayPearlFP4TOGPL4G2-WayPearlFP3TOGBB3G2-WayBrushed BrassFP4TOGBB4G2-WayBrushed Brass   |           |   |              |                 |                 |          |       |                 |
| FP3TOGPL     3G     2-Way     Pearl     FP4TOGPL     4G     2-Way     Pearl       FP3TOGBB     3G     2-Way     Brushed Brass     FP4TOGBB     4G     2-Way     Brushed Brass  |           |   |              |                 |                 |          | -     |                 |
| FP3TOGBB         3G         2-Way         Brushed Brass         FP4TOGBB         4G         2-Way         Brushed Brass  |           |   |              |                 |                 |          |       |                 |
|  |           |   |              |                 |                 |          |       |                 |
|  |           |   | -            |                 |                 |          |       |                 |

#### TRAILING-EDGE DIMMERS

- 10-200W incandescent | 5-150W LED
  Minimum mounting box depth: 25mm





| Code     | Size | Model |
|----------|------|-------|
| Code     | Size | Model |
| FP2181BC | 1G   | 2-Way |
| FP2181GM | 1G   | 2-Way |
| FP2181PB | 1G   | 2-Way |
| FP2181PL | 1G   | 2-Way |
| FP2181BB | 1G   | 2-Way |
| FP2181PC | 1G   | 2-Way |

| Finish          |
|-----------------|
| Brushed Chrome  |
| Gunmetal        |
| Polished Brass  |
| Pearl           |
| Brushed Brass   |
| Polished Chrome |

| Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|
| FP2183BC | 3G   | 2-Way | Brushed Chrome  |
| FP2183GM | 3G   | 2-Way | Gunmetal        |
| FP2183PB | 3G   | 2-Way | Polished Brass  |
| FP2183PL | 3G   | 2-Way | Pearl           |
| FP2183BB | 3G   | 2-Way | Brushed Brass   |
| FP2183PC | 3G   | 2-Way | Polished Chrome |













| Code     | Size | Model | Finish          | Code     | Si |
|----------|------|-------|-----------------|----------|----|
| FP2182BC | 2G   | 2-Way | Brushed Chrome  | FP2184BC | 40 |
| FP2182GM | 2G   | 2-Way | Gunmetal        | FP2184GM | 40 |
| FP2182PB | 2G   | 2-Way | Polished Brass  | FP2184PB | 4G |
| FP2182PL | 2G   | 2-Way | Pearl           | FP2184PL | 40 |
| FP2182BB | 2G   | 2-Way | Brushed Brass   | FP2184BB | 4G |
| FP2182PC | 2G   | 2-Way | Polished Chrome | FP2184PC | 4G |
|          |      |       |                 |          |    |

| Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|
| FP2184BC | 4G   | 2-Way | Brushed Chrome  |
| FP2184GM | 4G   | 2-Way | Gunmetal        |
| FP2184PB | 4G   | 2-Way | Polished Brass  |
| FP2184PL | 4G   | 2-Way | Pearl           |
| FP2184BB | 4G   | 2-Way | Brushed Brass   |
| FP2184PC | 4G   | 2-Way | Polished Chrome |

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#### FUSED SPUR UNITS

• 13A rated

- Double pole switches where applicable
- Minimum mounting box depth: 25mm



| Code     | Model      | Finish          |
|----------|------------|-----------------|
| FP6000BC | Unswitched | Brushed Chrome  |
| FP6000GM | Unswitched | Gunmetal        |
| FP6000PB | Unswitched | Polished Brass  |
| FP6000PL | Unswitched | Pearl           |
| FP6000BB | Unswitched | Brushed Brass   |
| FP6000PC | Unswitched | Polished Chrome |

| Code      | Model           | Finish          |
|-----------|-----------------|-----------------|
| FP6300NBC | Switched + Neon | Brushed Chrome  |
| FP6300NGM | Switched + Neon | Gunmetal        |
| FP6300NPB | Switched + Neon | Polished Brass  |
| FP6300NPL | Switched + Neon | Pearl           |
| FP6300NBB | Switched + Neon | Brushed Brass   |
| FP6300NPC | Switched + Neon | Polished Chrome |



FP6300FPC

Switched + Neon

+ Flex Outlet (front)

Polished Chrome

#### 20A SWITCHES

FP8341NGM

FP8341NPB

Double pole switchesMinimum mounting box depth: 25mm



| Code     | Model    | Finish          |
|----------|----------|-----------------|
| FP8341BC | Switched | Brushed Chrome  |
| FP8341GM | Switched | Gunmetal        |
| FP8341PB | Switched | Polished Brass  |
| FP8341PL | Switched | Pearl           |
| FP8341BB | Switched | Brushed Brass   |
| FP8341PC | Switched | Polished Chrome |
|          |          |                 |

Switched + Neon

Switched + Neon

Gunmetal

Polished Brass

| Code      | Model                                    | Finish          |
|-----------|--|-----------------|
| FP8341FBC | Switched + Neon<br>+ Flex Outlet (front) | Brushed Chrome  |
| FP8341FGM | Switched + Neon<br>+ Flex Outlet (front) | Gunmetal        |
| FP8341FPB | Switched + Neon<br>+ Flex Outlet (front) | Polished Brass  |
| FP8341FPL | Switched + Neon<br>+ Flex Outlet (front) | Pearl           |
| FP8341FBB | Switched + Neon<br>+ Flex Outlet (front) | Brushed Brass   |
| FP8341FPC | Switched + Neon<br>+ Flex Outlet (front) | Polished Chrome |

Switched + Neon

Switched + Neon





FP8341NBB

FP8341NPC

Brushed Brass

Polished Chrome



- Double pole switches
- Minimum mounting box depth: 47mm
- · Neon indicator

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| Code      | Finish          |
|-----------|-----------------|
| FP8331NBC | Brushed Chrome  |
| FP8331NGM | Gunmetal        |
| FP8331NPB | Polished Brass  |
| FP8331NPL | Pearl           |
| FP8331NBB | Brushed Brass   |
| FP8331NPC | Polished Chrome |

| Code      | Finish          |
|-----------|-----------------|
| FP8332NBC | Brushed Chrome  |
| FP8332NGM | Gunmetal        |
| FP8332NPB | Polished Brass  |
| FP8332NPL | Pearl           |
| FP8332NBB | Brushed Brass   |
| FP8332NPC | Polished Chrome |

#### 45A COOKER SWITCH AND SOCKET WITH NEONS

- Double pole switches 13A switched socket
- Minimum mounting box depth: 47mm



| Code        | Finish         | Insert | Code        | Finish          | Insert |
|-------------|----------------|--------|-------------|-----------------|--------|
| FPR8333NBC  | Brushed Chrome | Black  | FPR8333NPLW | Pearl           | White  |
| FPR8333NBCG | Brushed Chrome | Grey   | FPR8333NBB  | Brushed Brass   | Black  |
| FPR8333NBCW | Brushed Chrome | White  | FPR8333NPC  | Polished Chrome | Black  |
| FPR8333NGM  | Gunmetal       | Black  | FPR8333NPCW | Polished Chrome | White  |
| FPR8333NPB  | Polished Brass | Black  | FPR8333NPCG | Polished Chrome | Grey   |

#### TELEPHONE SOCKETS

• Minimum mounting box depth: 25mm

#### NETWORK OUTLETS

- UTP CAT5eMinimum mounting box depth: 35mm
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|---|---|---|
| 0 |   | 0 |





| Code     | Model  | Finish          |
|----------|--------|-----------------|
| FP7300BC | Master | Brushed Chrome  |
| FP7300GM | Master | Gunmetal        |
| FP7300PB | Master | Polished Brass  |
| FP7300PL | Master | Pearl           |
| FP7300BB | Master | Brushed Brass   |
| FP7300PC | Master | Polished Chrome |

| Code     | Model | Finish          |
|----------|-------|-----------------|
| FPRJ45BC | RJ45  | Brushed Chrome  |
| FPRJ45GM | RJ45  | Gunmetal        |
| FPRJ45PB | RJ45  | Polished Brass  |
| FPRJ45PL | RJ45  | Pearl           |
| FPRJ45BB | RJ45  | Brushed Brass   |
| FPRJ45PC | RJ45  | Polished Chrome |

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| Code     | Model     | Finish          |
|----------|-----------|-----------------|
| FP7400BC | Extension | Brushed Chrome  |
| FP7400GM | Extension | Gunmetal        |
| FP7400PB | Extension | Polished Brass  |
| FP7400PL | Extension | Pearl           |
| FP7400BB | Extension | Brushed Brass   |
| FP7400PC | Extension | Polished Chrome |





#### TV OUTLET

• Minimum mounting box depth: 25mm

| Code     | Model        | Finish          |
|----------|--------------|-----------------|
| FP0100BC | Non-isolated | Brushed Chrome  |
| FP0100GM | Non-isolated | Gunmetal        |
| FP0100PB | Non-isolated | Polished Brass  |
| FP0100PL | Non-isolated | Pearl           |
| FP0100BB | Non-isolated | Brushed Brass   |
| FP0100PC | Non-isolated | Polished Chrome |

FLAT PLATE 69

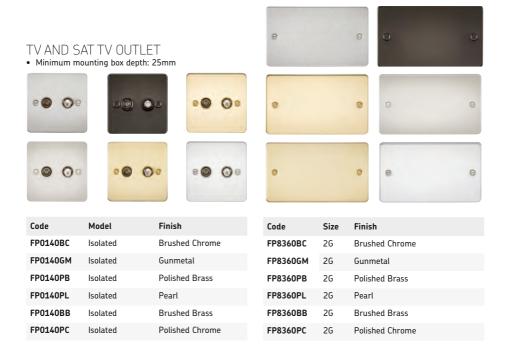
#### SAT TV OUTLET

• Minimum mounting box depth: 25mm

#### BLANKING PLATES

| e <b>O</b> e     | 0                            |                                 | 0                | θ          | 0 0                             | 0 | 0 |
|------------------|------------------------------|---------------------------------|------------------|------------|---------------------------------|---|---|
| • • •            | • •                          | 0 e 🔾 e                         | 0                | 8          | 0 0                             | e | 9 |
| Code<br>FP0150BC | <b>Model</b><br>Non-isolated | <b>Finish</b><br>Brushed Chrome | Code<br>FP8350BC | Size<br>1G | <b>Finish</b><br>Brushed Chrome |   |   |
| FP0150GM         | Non-isolated                 | Gunmetal                        | FP8350GM         | 1G         | Gunmetal                        |   |   |

| FP0150BC | Non-isolated | Brushed Chrome  | FP8350BC | 1G | Brushed Chrome  |
|----------|--------------|-----------------|----------|----|-----------------|
| FP0150GM | Non-isolated | Gunmetal        | FP8350GM | 1G | Gunmetal        |
| FP0150PB | Non-isolated | Polished Brass  | FP8350PB | 1G | Polished Brass  |
| FP0150PL | Non-isolated | Pearl           | FP8350PL | 1G | Pearl           |
| FP0150BB | Non-isolated | Brushed Brass   | FP8350BB | 1G | Brushed Brass   |
| FP0150PC | Non-isolated | Polished Chrome | FP8350PC | 1G | Polished Chrome |



#### MODULAR FRAMES

• For use with 25mm x 50mm and/or 50mm x 50mm euro modules

| 8      | 0        | 0              | 0      | 9        | • • •           |
|--------|----------|----------------|--------|----------|-----------------|
| Code   | Size     | Finish         | Code   | Size     | Finish          |
| FP1GBC | 1 Module | Brushed Chrome | FP1GPL | 1 Module | Pearl           |
| FP1GGM | 1 Module | Gunmetal       | FP1GBB | 1 Module | Brushed Brass   |
| FP1GPB | 1 Module | Polished Brass | FP1GPC | 1 Module | Polished Chrome |



| Code   | Size        | Finish          | Code   | Size        | Finish          |
|--------|-------------|-----------------|--------|-------------|-----------------|
| FP2GBC | 1-2 Modules | Brushed Chrome  | FP4GBC | 2-4 Modules | Brushed Chrome  |
| FP2GGM | 1-2 Modules | Gunmetal        | FP4GGM | 2-4 Modules | Gunmetal        |
| FP2GPB | 1-2 Modules | Polished Brass  | FP4GPB | 2-4 Modules | Polished Brass  |
| FP2GPL | 1-2 Modules | Pearl           | FP4GPL | 2-4 Modules | Pearl           |
| FP2GBB | 1-2 Modules | Brushed Brass   | FP4GBB | 2-4 Modules | Brushed Brass   |
| FP2GPC | 1-2 Modules | Polished Chrome | FP4GPC | 2-4 Modules | Polished Chrome |
|        |             |                 |        |             |                 |

FLAT PLATE

71





**GRID FACEPLATES** 

- Requires grid mounting frame (sold separately)
  For use with Knightsbridge Grid Accessories only

| Code      | Size |
|-----------|------|
| GDFP001xx | 1G   |
| GDFP002xx | 2G   |
| GDFP003xx | 3G   |
| GDFP004xx | 4G   |
| GDFP006xx | 6G   |
| GDFP008xx | 8G   |
| GDFP009xx | 9G   |
| GDFP012xx | 12G  |

#### GRID MOUNTING FRAMES



| Code    | Size |
|---------|------|
| GDF001F | 1-2G |
| GDF002F | 3-4G |







#### ELECTRICAL SCREWS

• Flat-head - slotted Countersunk



| Code        | Model                      | Qty |
|-------------|----------------------------|-----|
| C-SCREW50B  | 50mm Brass                 | 100 |
| C-SCREW50N  | 50mm Nickel                | 100 |
| C-SCREW50BK | 50mm Black Nickel/Gunmetal | 100 |

#### 20AX GRID SWITCH MODULES



| Code     | Model                                   |
|----------|---|
| GDM001xx | 2-Way SP                                |
| GDM002xx | DP                                      |
| GDM003xx | DP + LED Indicator                      |
| GDM004xx | 2-Way SP (centre-off)                   |
| GDM005xx | Intermediate                            |
| GDM006xx | 2-Way SP Retractive<br>(marked "PRESS") |

#### CREATE 2G INTERMEDIATE SWITCHES WITH

GDM005xx



20AX GRID KEY SWITCH MODULES • Supplied with test key



| Code     | Model                            |
|----------|----------------------------------|
| GDM007xx | 2-Way SP (marked "EMG LTG TEST") |
| GDM008xx | DP (marked "EMG LTG TEST")       |
| GDM009xx | 2-Way SP                         |
| GDM010xx | DP                               |
| GDKEY    | Spare Key                        |

## GRID TRAILING-EDGE DIMMER MODULES

• 10-200W incandescent | 10-100W LED





| Code     | Model                                 |
|----------|---------------------------------------|
| GDM014xx | 1-Way Trailing - Edge Dimmer (Press)  |
| GDM200xx | 2-Way Trailing - Edge Dimmer (Rotary) |



#### GRID DUMMY DIMMER MODULE

- Push on/off function only
- · Ideal for situations where you require one position to look like a dimmer but act like a switch



Code Model

GDM022xx

6A 2-Way

#### 10A GRID FAN ISOLATOR MODULES

- Triple pole
- Requires single grid position only



| Code     | Model  |
|----------|--|
| GDM020xx | Fan Isolator Switch Module                                 |
| GDM021xx | Fan Isolator Key Switch<br>Module (supplied with test key) |

#### GRID DUAL USB CHARGER MODULE

· Requires two grid positions





| Code     | Model                   |
|----------|-------------------------|
| GDM016xx | Dual USB Charger Module |

#### MISCELLANEOUS GRID MODULES



| Code     | Model                   |
|----------|-------------------------|
| GDM011xx | Fuse Holder (13A)       |
| GDM012xx | Flex Outlet (max. 10mm) |
| GDM013xx | Blank                   |
| GDM017   | Indicator - Green       |
| GDM018   | Indicator - Red         |
| GDM019   | Indicator - Orange      |

#### GRID ROCKER COVERS

- Easy to install
- Replace an existing rocker with an engraved version . indicating the appliance it refers to



Code Model **GDBOILxx** Boiler **GDDISHxx** Dishwasher **GDFANxx** Fan **GDWASHxx** Washing Machine GDDRYxx Tumble Dryer **GDCOOKxx** Cooker Hood **GDHOBxx** Hob **GDOVENxx** Oven **GDMICROxx** Microwave GDFRIDxx Fridge Freezer

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## FINISHES

- **BRUSHED CHROME**
- MATT WHITE
  - **BLACK NICKEL**



POLISHED CHROME

USB Charger

名

Max. 5V DC 5100mA

- MATT BLACK
  - POLISHED BRASS

## **INSERT OPTIONS**

BLACK

WHITE

GREY

## SCREWLESS

Available in 6 stunning finishes, with a screwless flat plate ultra slim profile design. Very easy to install and the perfect upgrade for any environment

| 13A Switched Sockets   | 80    |
|--|-------|
| Switched Sockets with USB                                      | 81    |
| FASTCHARGE USB Sockets   | 82-8  |
| Sockets with USB Charging Indicators / Cooker Sockets with USB | 84    |
| Quad USB Sockets   | 85    |
| Bluetooth Speaker Sockets / Phone Holder                       | 86-8  |
| Shaver Sockets   | 88    |
| Round Pin Sockets / Fan Isolator Switches                      | 89    |
| 10AX Switches  | 90-9  |
| 10AX Toggle Switches   | 92    |
| Dimmers  | 93-9  |
| Fused Spur Units   | 94-9  |
| 20A Switches   | 95    |
| Plinth Lights / Key Car Switch                                 | 96    |
| Cooker Switches and Sockets                                    | 97    |
| Media Outlets / Blanking Plates                                | 98-9  |
| Modular Frames / Screws  | 100   |
| Grid Wiring Accessories  | 101-: |

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LONG-LASTING Robust full metal housing

#### COLOUR MATCHING

Matching metal rockers with no surround

#### DOUBLE POLE SWITCHES

On selected products, for additional safety

Single plate size: 87.5mm x 87.5mm

Double plate size: 87.5mm x 147.5mm

Plate projection: 4.3mm

#### UNIQUE SOCKET DESIGN

Socket concealed by plug once inserted

#### LOW PROFILE DESIGN

Plate projection 4.3mm (including gasket)



HIGH INTEGRITY EARTHING Twin earthing terminals (on double switched sockets), for compliance with BS 7671:2008 regulation 543-7

#### MOISTURE TRANSFER RESISTANT

Integrated moisture gasket - barely visible when installed

High quality US IC's and USB controllers

.





#### 13A DP SWITCHED SOCKETS

• Twin earth • Double pole switches • Minimum mounting box depth: 25mm



| Code       | Size | Finish          | Insert | Co |
|------------|------|-----------------|--------|----|
| SFR7000BC  | 1G   | Brushed Chrome  | Black  | SF |
| SFR7000BCG | 1G   | Brushed Chrome  | Grey   | SF |
| SFR7000BCW | 1G   | Brushed Chrome  | White  | SF |
| SFR7000MW  | 1G   | Matt White      | White  | SF |
| SFR7000BN  | 1G   | Black Nickel    | Black  |    |
| SFR7000PC  | 1G   | Polished Chrome | Black  | SF |

| Code       | Size | Finish                        | Insert |
|------------|------|-------------------------------|--------|
| SFR7000PCG | 1G   | Polished Chrome               | Grey   |
| SFR7000PCW | 1G   | Polished Chrome               | White  |
| SFR7000MB  | 1G   | Matt Black<br>(Chrome Rocker) | Black  |
| SFR7000MBB | 1G   | Matt Black                    | Black  |
| SFR7000PB  | 1G   | Polished Brass                | Black  |
| SFR7000PBW | 1G   | Polished Brass                | White  |

#### 13A 2G SWITCHED SOCKET WITH DUAL USB CHARGER

- Twin earth
- 5V DC 2.4A (SHARED) • Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)

#### 13A 1G SWITCHED SOCKET WITH DUAL USB CHARGER

• Minimum mounting box depth: 25mm-35mm









... USE











| Code       | Size | Finish                         | Insert | Code       | Size | Finish                        |
|------------|------|--------------------------------|--------|------------|------|-------------------------------|
| SFR9224BC  | 2G   | Brushed Chrome                 | Black  | SFR9901BC  | 1G   | Brushed Chrome                |
| SFR9224BCG | 2G   | Brushed Chrome                 | Grey   | SFR9901BCG | 1G   | Brushed Chrome                |
| SFR9224BCW | 2G   | Brushed Chrome                 | White  | SFR9901BCW | 1G   | Brushed Chrome                |
| SFR9224MW  | 2G   | Matt White                     | White  | SFR9901MW  | 1G   | Matt White                    |
| SFR9224BN  | 2G   | Black Nickel                   | Black  | SFR9901BN  | 1G   | Black Nickel                  |
| SFR9224PC  | 2G   | Polished Chrome                | Black  | SFR9901PC  | 1G   | Polished Chrome               |
| SFR9224PCG | 2G   | Polished Chrome                | Grey   | SFR9901PCG | 1G   | Polished Chrome               |
| SFR9224PCW | 2G   | Polished Chrome                | White  | SFR9901PCW | 1G   | Polished Chrome               |
| SFR9224MB  | 2G   | Matt Black<br>(Chrome Rockers) | Black  | SFR9901MB  | 1G   | Matt Black<br>(Chrome Rocker) |
| SFR9224MBB | 2G   | Matt Black                     | Black  | SFR9901MBB | 1G   | Matt Black                    |
| SFR9224PB  | 2G   | Polished Brass                 | Black  | SFR9901PB  | 1G   | Polished Brass                |
| SFR9224PBW | 2G   | Polished Brass                 | White  | SFR9901PBW | 1G   | Polished Brass                |
|            |      |                                |        |            |      |                               |

Insert Black

Grey White

White Black

Black Grey

White Black

Black Black

White





## TYPE-C PORT

- 5V DC 3A up to 15W (FASTCHARGE mode)
- 9V DC 2A up to 18W (FASTCHARGE mode)
- 12V DC 1.5A up to 18W (FASTCHARGE mode)
- The Type A port offers up to 5V DC 2A when FASTCHARGE is not activated. When FASTCHARGE is activated, the port will output at 5V DC 1A

| Code       | Finish         | Insert |
|------------|----------------|--------|
| SFR9907BC  | Brushed Chrome | Black  |
| SFR9907BCG | Brushed Chrome | Grey   |
| SFR9907BCW | Brushed Chrome | White  |
| SFR9907MW  | Matt White     | White  |
| SFR9907MBB | Matt Black     | Black  |

\* Phones compatible with FAST CHARGING standards i.e. QC3.0, PD FASTCHARGE

# FAST CHARGE



### 50% CHARGE IN ONLY 30 MINUTES!\*

#### 13A 2G SWITCHED SOCKETS WITH DUAL USB CHARGER (TYPE-A / TYPE-C FASTCHARGE PORT)

- Double pole switches Twin earth Over voltage category III suitable for use in commercial installations
- Certified to the latest socket standard BS 1363-2:2016
- · Certified to the latest British safety standards
- ErP ready to ensure power saving when not in use
- USB certified cables are recommended for safety and performance with all USB chargers
- 5V DC 4.0A output: max. 3A from FASTCHARGE port, max. 2A from standard port (1A when FASTCHARGE is in operation)





#### TYPE-A PORT FASTCHARGE USB

- 5V DC 2A up to 10W (standard mode)
- 9V DC 2A up to 18W (FASTCHARGE mode)
- 12V DC 1.5A up to 18W (FASTCHARGE mode)
- The standard port offers up to 5V DC 2A when FASTCHARGE is not activated. When
- FASTCHARGE is not activated. When FASTCHARGE is activated this port will only output at 5V DC 1A

| Code       | Finish         | Insert |
|------------|----------------|--------|
| SFR9906BC  | Brushed Chrome | Black  |
| SFR9906BCG | Brushed Chrome | Grey   |
| SFR9906BCW | Brushed Chrome | White  |
| SFR9906MW  | Matt White     | White  |
| SFR9906MBB | Matt Black     | Black  |

#### 13A 2G SWITCHED SOCKET WITH DUAL USB CHARGER AND CHARGING INDICATORS

- Twin earth 
   Charging indicators (indicator off when not in use)
   Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)



1

USB

5V DC 2.4A (SHARED)





| Code        | Finish         | Insert | Code        | F |
|-------------|----------------|--------|-------------|---|
| SFR9904NBC  | Brushed Chrome | Black  | SFR9904NMW  | ١ |
| SFR9904NBCG | Brushed Chrome | Grey   | SFR9904NMBB | l |
| SFR9904NBCW | Brushed Chrome | White  |             |   |
|             |                |        |             |   |

| Code        | Finish     | Insert |
|-------------|------------|--------|
| SFR9904NMW  | Matt White | White  |
| SFR9904NMBB | Matt Black | Black  |

#### 45A SWITCHES AND SOCKETS WITH DUAL USB CHARGER

• Double pole 45A switch • 13A Switched socket • Minimum mounting box depth: 47mm





| Code        | Finish         | Insert |
|-------------|----------------|--------|
| SFR8333UBC  | Brushed Chrome | Black  |
| SFR8333UBCG | Brushed Chrome | Grey   |
| SFR8333UBCW | Brushed Chrome | White  |

| Code        | Finish     | Insert |
|-------------|------------|--------|
| SFR8333UMW  | Matt White | White  |
| SFR8333UMBB | Matt Black | Black  |

| • 3 ports share   | CHARGER O<br>3A • 1 port dedic<br>unting box depth: 25 |   | n wiring conditions)                      |   |                               |
|---|--|---|---|---|-------------------------------|
| E CONTRACTOR  | ÎÎÎÎÎÎ<br>••• Eltra                                    |   |   |   |                               |
|   |  |   |   |   | rger<br>DC 5100mA             |
|   | Mill Drape<br>Mail (* Decimient                        |   |   |   | USE<br>5V DC 5.1A<br>(SHARED) |
| Code  | Finish   | Insert  | Code                                      | Finish  | Insert                        |
| SFQUADBC  | Brushed Chrome   | Black   | SFQUADPCG                                 | Polished Chrome   | Grey                          |
| SFQUADBCG   | Brushed Chrome   | Grey  | SFQUADPCW                                 | Polished Chrome   | White                         |
| SFQUADBCW   | Brushed Chrome   | White   |   | Matt Black  | Black                         |
| SFQUADMW  | Matt White   | White   |   | Polished Brass  | Black                         |
| SFQUADBN  | Black Nickel   | Black   | SFQUADPBW                                 | Polished Brass  | White                         |
| SFQUADPC       Polished Chrome       Black         13A SWITCHED SOCKET WITH QUAD USB CHARGER       USB charging rate: 5V DC 5.1A (shared)       • 3 ports share 3A       • 1 port dedicated 2.1A         • USB charging rate: 5V DC 5.1A (shared)       • 3 ports share 3A       • 1 port dedicated 2.1A       5V DC 5.1A (shared)         • Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)       • 1 port dedicated 2.1A       5V DC 5.1A (shared)   |  |   |   |   |                               |
| • USB charging  | rate: 5V DC 5.1A (sl                                   | nared) • 3 ports share 3                          | A • 1 port dedic                          | ated 2.1A   | 5V DC 5.1A<br>(SHARED)        |
| USB charging     Minimum mou  | rate: 5V DC 5.1A (sl                                   | nared) • 3 ports share 3                          | A • 1 port dedic.                         | ated 2.1A   | SV DC 5.1A<br>(SHARED)        |
| USB charging     Minimum mou  | rate: 5V DC 5.1A (sl<br>unting box depth: 25           | nared) • 3 ports share 3<br>mm-35mm (dependent or | A • 1 port dedict<br>wiring conditions)   | III ,   |                               |
| USB charging     Minimum mou  | rate: 5V DC 5.1A (sl<br>unting box depth: 25           | hared) • 3 ports share 3<br>mm-35mm (dependent or | A • 1 port dedicts<br>wiring conditions)  |   |                               |
| USB charging     Minimum mou  | rate: 5V DC 5.1A (sl<br>unting box depth: 25           | hared) • 3 ports share 3<br>mm-35mm (dependent or | A • 1 port dedicts<br>wiring conditions)  |   |                               |
| USB charging     Minimum mou  | rate: 5V DC 5.1A (sl<br>anting box depth: 25           | hared) • 3 ports share 3<br>mm-35mm (dependent or | A • 1 port dedict<br>wiring conditions)   |   |                               |
| USB charging     Minimum mou  | rate: 5V DC 5.1A (sl<br>anting box depth: 25           | hared) • 3 ports share 3<br>mm-35mm (dependent or | A • 1 port dedict<br>overring conditions) |   |                               |
| USB charging     Minimum mou  | rate: 5V DC 5.1A (sl<br>anting box depth: 25           | hared) • 3 ports share 3<br>mm-35mm (dependent or | A • 1 port dedict<br>wiring conditions)   | Image: Sector | (SHARED)                      |
| USB charging     Minimum mov     Minimum mov     Orde     SFR7USB4BCC     SFR7USB4BCW     SFR7USB4BCMW  | rate: 5V DC 5.1A (sl<br>anting box depth: 25           | hared) • 3 ports share 3<br>mm-35mm (dependent or | A • 1 port dedict<br>wiring conditions)   | Finish<br>Polished Chrome<br>Polished Chrome<br>Matt Black  | (SHARED)                      |
| USB charging     Minimum mou     Minimum mou     Official and a second sec | rate: 5V DC 5.1A (sl<br>anting box depth: 25           | hared) • 3 ports share 3<br>mm-35mm (dependent or | A • 1 port dedict<br>wiring conditions)   | Finish         Polished Chrome         Polished Chrome         Matt Black<br>(Chrome Rocker)  | (SHARED)                      |

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#### FLUSH / SURFACE MOUNTED BLUETOOTH SPEAKER

- 3W RMS bluetooth speaker
- Minimum mounting box depth: 35mm







SFBLUEBC

SFBLUEMW

SFBLUEMBB

Brushed Chrome

Matt White

Matt Black



1G SURFACE BOXES on Page 143





# INTEGRATED BLUETOOTH + USB

#### 13A SWITCHED SOCKET WITH DUAL USB CHARGER AND BLUETOOTH SPEAKER

- 3W RMS bluetooth speaker
- Minimum mounting box depth: 25mm-35mm (dependent on wiring conditions)



| Code       | Finish         | Insert | Code |
|------------|----------------|--------|------|
| SFR9905BC  | Brushed Chrome | Black  | SFR9 |
| SFR9905BCG | Brushed Chrome | Grey   | SFR9 |
| SFR9905BCW | Brushed Chrome | White  |      |

| Code       | Finish     | Insert |
|------------|------------|--------|
| SFR9905MW  | Matt White | White  |
| SFR9905MBB | Matt Black | Black  |

#### 2G FLIP-DOWN PHONE HOLDER

- Flip-down phone holder for use with double switched sockets with USB charging facility
- Two-piece install no need to remove socket from wall
- Sits behind the existing double switched socket
- Fold down shelf for supporting your device whilst charging – folds up when not in use

| Code   | Finish |            |                           |
|--------|--------|------------|---------------------------|
| 2GPHBK | Black  |            |                           |
| 2GPHGY | Grey   |            | CON JACON                 |
| 2GPHWH | White  |            |                           |
|        |        | ж          |                           |
|        |        | The second |                           |
|        |        |            |                           |
|        |        | ~          |                           |
|        |        |            | Contractor at instruction |
|        |        |            | Socket not included       |

SCREWLESS 87



#### DUAL VOLTAGE SHAVER SOCKETS

• Minimum mounting box depth: 47mm • 115/230V 20VA rated • IP41 rated



| Code      | Finish          | Insert | Code      | Finish          | Insert |
|-----------|-----------------|--------|-----------|-----------------|--------|
| SF8900BC  | Brushed Chrome  | Black  | SF8900PCG | Polished Chrome | Grey   |
| SF8900BCG | Brushed Chrome  | Grey   | SF8900PCW | Polished Chrome | White  |
| SF8900BCW | Brushed Chrome  | White  | SF8900MB  | Matt Black      | Black  |
| SF8900MW  | Matt White      | White  | SF8900PB  | Polished Brass  | Black  |
| SF8900BN  | Black Nickel    | Black  | SF8900PBW | Polished Brass  | White  |
| SF8900PC  | Polished Chrome | Black  |           |                 |        |

#### ROUND PIN SOCKETS

• 5A rated • Unswitched • Minimum mounting box depth: 25mm

| Code Finish Insert Code Finish Inser                      |
|---|
| SF5ABC Brushed Chrome Black SF5APCG Polished Chrome Grey  |
| SF5ABCG Brushed Chrome Grey SF5APCW Polished Chrome White |
| SF5ABCW Brushed Chrome White SF5AMB Matt Black Black      |
| SF5AMW Matt White White SF5APB Polished Brass Black       |
| SF5ABN Black Nickel Black SF5APBW Polished Brass White    |
| SF5APC Polished Chrome Black                              |

#### **10AX FAN ISOLATOR SWITCHES**

Polished Chrome

• Triple pole

SF1100PC

Minimum mounting box depth: 16mm



SF1100PB

#### **10AX SWITCHES**

• Minimum mounting box depth: 16mm



| Code      | Size | Model        | Finish                        | Code |
|-----------|------|--------------|-------------------------------|------|
| SF1200BC  | 1G   | Intermediate | Brushed Chrome                | SF30 |
| SF1200MW  | 1G   | Intermediate | Matt White                    | SF30 |
| SF1200BN  | 1G   | Intermediate | Black Nickel                  | SF30 |
| SF1200PC  | 1G   | Intermediate | Polished Chrome               | SF30 |
| SF1200MB  | 1G   | Intermediate | Matt Black<br>(Chrome Rocker) | SF30 |
| SF1200MBB | 1G   | Intermediate | Matt Black                    | SF30 |
| SF1200PB  | 1G   | Intermediate | Polished Brass                | SF30 |

| Code      | Size | Model | Finish                         |
|-----------|------|-------|--------------------------------|
| SF3000BC  | 2G   | 2-Way | Brushed Chrome                 |
| SF3000MW  | 2G   | 2-Way | Matt White                     |
| SF3000BN  | 2G   | 2-Way | Black Nickel                   |
| SF3000PC  | 2G   | 2-Way | Polished Chrome                |
| SF3000MB  | 2G   | 2-Way | Matt Black<br>(Chrome Rockers) |
| SF3000MBB | 2G   | 2-Way | Matt Black                     |
| SF3000PB  | 2G   | 2-Way | Polished Brass                 |

| Code      | Size | Model | Finish                        |
|-----------|------|-------|-------------------------------|
| SF2000BC  | 1G   | 2-Way | Brushed Chrome                |
| SF2000MW  | 1G   | 2-Way | Matt White                    |
| SF2000BN  | 1G   | 2-Way | Black Nickel                  |
| SF2000PC  | 1G   | 2-Way | Polished Chrome               |
| SF2000MB  | 1G   | 2-Way | Matt Black<br>(Chrome Rocker) |
| SF2000MBB | 1G   | 2-Way | Matt Black                    |
| SF2000PB  | 1G   | 2-Way | Polished Brass                |

#### **10AX SWITCHES**

• Minimum mounting box depth: 16mm





| Code      | Size | Model | Finish                         |
|-----------|------|-------|--------------------------------|
| SF4000BC  | 3G   | 2-Way | Brushed Chrome                 |
| SF4000MW  | 3G   | 2-Way | Matt White                     |
| SF4000BN  | 3G   | 2-Way | Black Nickel                   |
| SF4000PC  | 3G   | 2-Way | Polished Chrome                |
| SF4000MB  | 3G   | 2-Way | Matt Black<br>(Chrome Rockers) |
| SF4000MBB | 3G   | 2-Way | Matt Black                     |
| SF4000PB  | 3G   | 2-Way | Polished Brass                 |

| Code      | Size | Model | Finish                         |
|-----------|------|-------|--------------------------------|
| SF4100BC  | 4G   | 2-Way | Brushed Chrome                 |
| SF4100MW  | 4G   | 2-Way | Matt White                     |
| SF4100BN  | 4G   | 2-Way | Black Nickel                   |
| SF4100PC  | 4G   | 2-Way | Polished Chrome                |
| SF4100MB  | 4G   | 2-Way | Matt Black<br>(Chrome Rockers) |
| SF4100MBB | 4G   | 2-Way | Matt Black                     |
| SF4100PB  | 4G   | 2-Way | Polished Brass                 |

00 00



| Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|
| SF4200BC | 6G   | 2-Way | Brushed Chrome  |
| SF4200MW | 6G   | 2-Way | Matt White      |
| SF4200BN | 6G   | 2-Way | Black Nickel    |
| SF4200PC | 6G   | 2-Way | Polished Chrome |

| •••• |  |
|------|--|
|      |  |

| Code      | Size | Model | Finish                         |
|-----------|------|-------|--------------------------------|
| SF4200MB  | 6G   | 2-Way | Matt Black<br>(Chrome Rockers) |
| SF4200MBB | 6G   | 2-Way | Matt Black                     |
| SF4200PB  | 6G   | 2-Way | Polished Brass                 |

#### **10AX TOGGLE SWITCHES**

Minimum mounting box depth: 16mm



| <br> |
|------|
|      |

| Code      | Size | Model        | Finish          |
|-----------|------|--------------|-----------------|
| SF12T0GBC | 1G   | Intermediate | Brushed Chrome  |
| SF12T0GBN | 1G   | Intermediate | Black Nickel    |
| SF12T0GPC | 1G   | Intermediate | Polished Chrome |
| SF12T0GPB | 1G   | Intermediate | Polished Brass  |
|           |      |              |                 |

| Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|
| SF1T0GBC | 1G   | 2-Way | Brushed Chrome  |
| SF1T0GBN | 1G   | 2-Way | Black Nickel    |
| SF1T0GPC | 1G   | 2-Way | Polished Chrome |
| SF1T0GPB | 1G   | 2-Way | Polished Brass  |

| Code     | Size | Model | Finish          |
|----------|------|-------|-----------------|
| SF3T0GBC | 3G   | 2-Way | Brushed Chrome  |
| SF3T0GBN | 3G   | 2-Way | Black Nickel    |
| SF3T0GPC | 3G   | 2-Way | Polished Chrome |
| SF3T0GPB | 3G   | 2-Way | Polished Brass  |

| 00       |      |       |                 | ••       | 00   |       |                 |
|----------|------|-------|-----------------|----------|------|-------|-----------------|
|          |      | 99    |                 |          |      |       | 98 98           |
| Code     | Size | Model | Finish          | Code     | Size | Model | Finish          |
| SF2T0GBC | 2G   | 2-Way | Brushed Chrome  | SF4T0GBC | 4G   | 2-Way | Brushed Chrome  |
| SF2T0GBN | 2G   | 2-Way | Black Nickel    | SF4T0GBN | 4G   | 2-Way | Black Nickel    |
| SF2T0GPC | 2G   | 2-Way | Polished Chrome | SF4T0GPC | 4G   | 2-Way | Polished Chrome |
| SF2T0GPB | 2G   | 2-Way | Polished Brass  | SF4T0GPB | 4G   | 2-Way | Polished Brass  |

#### TRAILING-EDGE DIMMERS

SF2181MBB

SF2181PB

1G

1G

2-Way

2-Way

• 10-200W incandescent | 5-150W LED • Minimum mounting box depth: 25mm

| • 10-20000 IIIC | anuescei | 1012-1200 |                 | ung box depth. 25 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |       |                 |
|-----------------|----------|-----------|-----------------|-------------------|---|-------|-----------------|
| U               |          | 0         | 0               | 00                |   | 00    | 00              |
| 0               |          | ٠         | 0               | 00                |   | ••    | 00              |
| 0               |          |           |                 | 00                |   |       |                 |
| Code            | Size     | Model     | Finish          | Code              | Size                                    | Model | Finish          |
| SF2181MW        | 1G       | 2-Way     | Matt White      | SF2182BC          | 2G                                      | 2-Way | Brushed Chrome  |
| SF2181BN        | 1G       | 2-Way     | Black Nickel    | SF2182MW          | 2G                                      | 2-Way | Matt White      |
| SF2181PC        | 1G       | 2-Way     | Polished Chrome | SF2182BN          | 2G                                      | 2-Way | Black Nickel    |
| SF2181BC        | 1G       | 2-Way     | Brushed Chrome  | SF2182PC          | 2G                                      | 2-Way | Polished Chrome |
| SF2181MB        | 1G       | 2-Way     | Matt Black      | SF2182MB          | 2G                                      | 2-Way | Matt Black      |

SF2182MBB

SF2182PB

2G

2G

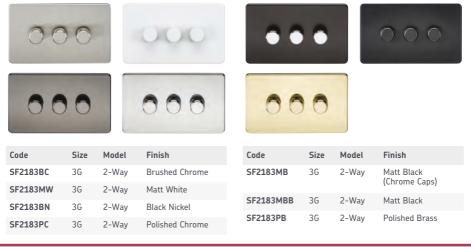
2-Way

2-Way

(Chrome Cap)

Polished Brass

Matt Black



(Chrome Caps) Matt Black

Polished Brass

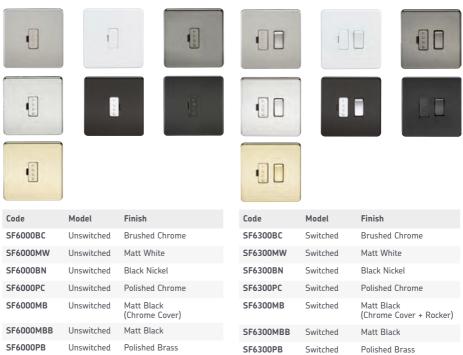
#### TRAILING-EDGE DIMMERS

10-200W incandescent | 5-150W LED Minimum mounting box depth: 25mm



#### FUSED SPUR UNITS

• 13A rated • Double pole switches where applicable • Minimum mounting box depth: 25mm



#### FUSED SPUR UNITS

#### • 13A rated • Double pole switches

• Minimum mounting box depth: 25mm



| Code      | Model           | Finish          | Code       | Model           | Finish                      |
|-----------|-----------------|-----------------|------------|-----------------|-----------------------------|
| SF6300NBC | Switched + Neon | Brushed Chrome  | SF6300NMB  | Switched + Neon | Matt Black<br>(Chrome Cover |
| SF6300NMW | Switched + Neon | Matt White      |            |                 | + Rocker)                   |
| SF6300NBN | Switched + Neon | Black Nickel    | SF6300NMBB | Switched + Neon | Matt Black                  |
| SF6300NPC | Switched + Neon | Polished Chrome | SF6300NPB  | Switched + Neon | Polished Brass              |

#### 20A SWITCHES

Double pole switches

SF8341PC

SF8341NPC

Minimum mounting box depth: 25mm

Switched

Switched + Neon

Polished Chrome





Polished Chrome

#### **SCREWLESS** 95



## LED PLINTH LIGHTS • Ideal for placement in staircases

- Fits standard UK steel back boxes and dry lining boxes
- Minimum mounting depth: 25mm
- Cool white 4000K



| Code   | Finish             |
|--------|--------------------|
| SFPLBC | Brushed Chrome NEW |
| SFPLMW | Matt White NEW     |



- KEY CARD SWITCH 32A rated Back light arrow to aid activation in dark room Minimum mounting box depth 47mm

|   | Code        | Finish             |
|---|-------------|--------------------|
|   | SFCARDBC    | Brushed Chrome NEW |
|   | -           |                    |
| 8 | (30)<br>SEC |                    |
|   | AUTO OFF    |                    |

#### 45A COOKER SWITCHES

- Double pole switches
- Minimum mounting box depth: 47mm
- Neon indicators















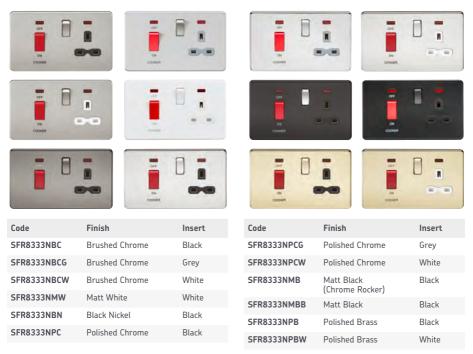
Ж



| Code      | Size   | Finish          | Code      | Size   | Finish          |
|-----------|--------|-----------------|-----------|--------|-----------------|
| SF8331NBC | Single | Brushed Chrome  | SF8332NBC | Double | Brushed Chrome  |
| SF8331NMW | Single | Matt White      | SF8332NMW | Double | Matt White      |
| SF8331NBN | Single | Black Nickel    | SF8332NBN | Double | Black Nickel    |
| SF8331NPC | Single | Polished Chrome | SF8332NPC | Double | Polished Chrome |
| SF8331NMB | Single | Matt Black      | SF8332NMB | Double | Matt Black      |
| SF8331NPB | Single | Polished Brass  | SF8332NPB | Double | Polished Brass  |

#### 45A COOKER SWITCH AND SOCKET WITH NEONS

• Double pole switches • 13A switched socket • Minimum mounting box depth: 47mm



97

#### **TELEPHONE SOCKETS**

• Minimum mounting box depth: 25mm

| P    | Ξ            |        | -            |  |
|------|--------------|--------|--------------|--|
| Code | Model Finish | Code M | Model Finish |  |

| couc     | model  | 1111511                     |
|----------|--------|-----------------------------|
| SF7300BC | Master | Brushed Chrome              |
| SF7300MW | Master | Matt White                  |
| SF7300BN | Master | Black Nickel                |
| SF7300PC | Master | Polished Chrome             |
| SF7300MB | Master | Matt Black (Chrome Shutter) |
| SF7300PB | Master | Polished Brass              |

| Code     | Model     | Finish                      |
|----------|-----------|-----------------------------|
| SF7400BC | Extension | Brushed Chrome              |
| SF7400MW | Extension | Matt White                  |
| SF7400BN | Extension | Black Nickel                |
| SF7400PC | Extension | Polished Chrome             |
| SF7400MB | Extension | Matt Black (Chrome Shutter) |
| SF7400PB | Extension | Polished Brass              |

#### NETWORK OUTLETS

• UTP CAT5e • Minimum mounting box depth: 35mm

#### TV OUTLET

• Minimum mounting box depth: 25mm



#### SAT TV OUTLET

Minimum mounting box depth: 25mm

#### **BLANKING PLATES**

| Ø       | 0            | 0               |          |      |                 |
|---------|--------------|-----------------|----------|------|-----------------|
| ٢       | ۲            | 0               |          |      |                 |
|         | Model        | Finish          | Code     | Size | Finish          |
| 150BC   | Non-isolated | Brushed Chrome  | SF8350BC | 1G   | Brushed Chrome  |
| 0150MW  | Non-isolated | Matt White      | SF8350MW | 1G   | Matt White      |
| 0150BN  | Non-isolated | Black Nickel    | SF8350BN | 1G   | Black Nickel    |
| F0150PC | Non-isolated | Polished Chrome | SF8350PC | 1G   | Polished Chrome |
| F0150MB | Non-isolated | Matt Black      | SF8350MB | 1G   | Matt Black      |
| F0150PB | Non-isolated | Polished Brass  | SF8350PB | 1G   | Polished Brass  |

| = =         | AT TV OUT       | ·               |          |      |                 |
|-------------|-----------------|-----------------|----------|------|-----------------|
| • Minimum m | ounting box dep | © O             |          |      |                 |
| • •         | ۲               | •               |          |      |                 |
| Code        | Model           | Finish          | Code     | Size | Finish          |
| SF0140BC    | Isolated        | Brushed Chrome  | SF8360BC | 2G   | Brushed Chrome  |
| SF0140MW    | Isolated        | Matt White      | SF8360MW | 2G   | Matt White      |
| SF0140BN    | Isolated        | Black Nickel    | SF8360BN | 2G   | Black Nickel    |
| SF0140PC    | Isolated        | Polished Chrome | SF8360PC | 2G   | Polished Chrome |
| SF0140MB    | Isolated        | Matt Black      | SF8360MB | 2G   | Matt Black      |
| SF0140PB    | Isolated        | Polished Brass  | SF8360PB | 2G   | Polished Brass  |

SF2GPC

SF2GMB

SF2GPB

100

SCREWLESS

1-2 Modules

1-2 Modules

1-2 Modules

Polished Chrome

Polished Brass

Matt Black

C-SCREW50N

50mm Nickel

MODULAR FRAMES • For use with 25mm x 50mm and/or 50mm x 50mm euro modules

| Code           | Model                | Finish                   | Code   | Model                                   | Finish   |
|----------------|----------------------|--------------------------|--------|---|--|
| SF1GBC         | 1 Module             | Brushed Chrome           | SF4GBC | 2-4 Modules                             | Brushed Chrome                                 |
| SF1GMW         | 1 Module             | Matt White               | SF4GMW | 2-4 Modules                             | Matt White                                     |
| SF1GBN         | 1 Module             | Black Nickel             | SF4GBN | 2-4 Modules                             | Black Nickel                                   |
| SF1GPC         | 1 Module             | Polished Chrome          | SF4GPC | 2-4 Modules                             | Polished Chrome                                |
| SF1GMB         | 1 Module             | Matt Black               | SF4GMB | 2-4 Modules                             | Matt Black                                     |
| SF1GPB         | 1 Module             | Polished Brass           | SF4GPB | 2-4 Modules                             | Polished Brass                                 |
|                |                      |                          |        |   | Modular<br>Inserts<br>available<br>on Page 143 |
| Code<br>SF2GBC | Model<br>1-2 Modules | Finish<br>Brushed Chrome |        | FRICAL SCREV<br>ead / Slotted<br>rrsunk | NS   |
| SF2GMW         | 1-2 Modules          | Matt White               |        |   |  |
| SF2GBN         | 1-2 Modules          | Black Nickel             | Code   | Model                                   | Q  |
|                |                      |                          |        |   |  |

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#### GRID MOUNTING FRAMES





| Code    | Size  |
|---------|-------|
| GDS001F | 1-2G  |
| GDS002F | 3-4G  |
| GDS003F | 6-8G  |
| GDS004F | 9-12G |



#### GRID FACEPLATES

To indicate preferred finish, replace xx on code with BC (Brushed Chrome), PC (Polished Chrome), MW (Matt White) or MB (Matt Black)

| Code      | Size |                       |
|-----------|------|-----------------------|
| GDSF001xx | 1G   |                       |
| GDSF002xx | 2G   |                       |
| GDSF003xx | 3G   |                       |
| GDSF004xx | 4G   |                       |
| GDSF006xx | 6G   |                       |
| GDSF008xx | 8G   |                       |
| GDSF009xx | 9G   | (BC, PC, and MW only) |
| GDSF012xx | 12G  | (BC, PC, and MW only) |

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#### STEEL BACK BOXES • 35mm deep

- Fixed and adjustable mounting lugs
- Galvanized steel construction 1mm thickness (+/- 1%)
- Earth terminals
- Mix of 20mm and 25mm knockout positions



| Code     | Size  |
|----------|-------|
| GSK35    | 1-2G  |
| GSK235   | 3-4G  |
| GDSG68G  | 6-8G  |
| GDSG912G | 9-12G |

#### 20AX GRID SWITCH MODULES







| Code           | Model                                  |
|----------------|--|
| GDM001xx       | 2-Way SP                               |
| GDM002xx       | DP                                     |
| GDM003xx       | DP + LED Indicator                     |
| GDM004xx       | 2-Way SP (centre-off)                  |
| GDM005xx       | Intermediate*                          |
| GDM006xx       | 2-Way SP Retractive (marked "PRESS")   |
| *2G intermedia | te switches can be made using GDM005xx |

To indicate preferred finish, replace xx on code with BC (Brushed Chrome), PC (Polished Chrome), MW (Matt White), or MB (Matt Black)

#### 10A GRID FAN ISOLATOR MODULES

- Triple pole
- Requires single grid position only



| Code     | Model  |
|----------|--|
| GDM020xx | Fan Isolator Switch Module                                 |
| GDM021xx | Fan Isolator Key Switch Module<br>(supplied with test key) |

#### 20AX GRID KEY SWITCH MODULES

Supplied with test key



| Code     | Model                            |
|----------|----------------------------------|
| GDM007xx | 2-Way SP (marked "EMG LTG TEST") |
| GDM008xx | DP (marked "EMG LTG TEST")       |
| GDM009xx | 2-Way SP                         |
| GDM010xx | DP                               |
| GDKEY    | Spare Key                        |

#### GRID TRAILING-EDGE DIMMER MODULES

10-200W Incandescent | 10-100W LED



| Code     | Model                               |
|----------|-------------------------------------|
| GDM014xx | 1-Way Trailing-Edge Dimmer (Press)  |
| GDM200xx | 2-Way Trailing-Edge Dimmer (Rotary) |

To indicate preferred finish, replace xx on code with BC (Brushed Chrome), PC (Polished Chrome), MW (Matt White), or MB (Matt Black)

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#### GRID DUMMY DIMMER MODULE

- Push on/off function only
- Ideal for situations where you require one position to look like a dimmer but act like a switch



Code GDM022xx Model 6A 2-Way

#### MISCELLANEOUS GRID MODULES











| Code     | Model                   |
|----------|-------------------------|
| GDM011xx | Fuse Holder (13A)       |
| GDM012xx | Flex Outlet (max. 10mm) |
| GDM013xx | Blank                   |
| GDM017   | Indicator - Green       |
| GDM018   | Indicator - Red         |
| GDM019   | Indicator - Orange      |

#### GRID DUAL USB CHARGER MODULE

• Requires two grid positions



| Code     | Model                   |
|----------|-------------------------|
| GDM016xx | Dual USB Charger Module |



#### ENGRAVED ROCKER COVERS

#### GRID ROCKER COVERS

- Easy to install
- Replace an existing rocker with an engraved version indicating the appliance it refers to



# Knightsbridge

| CHARGING<br>RATE  | DESCRIPTION   | USE WITH  | BEST CABLE<br>CHOICE   |
|---|---|---|--|
| WIRELESS  | Supplying 5V DC 1A wirelessly via induction   | Phones that support<br>Wireless charging<br>e.g. those that are<br>Qi compatible                                    | Not required   |
| 2.1A SHARED   | Supplying up to 5V DC 2.1A across both ports  | All phone types   | Certified USB Cable,<br>MFI licenced Apple<br>Cable  |
| 2.4A SHARED   | Supplying up to 5V DC 2.4A across both ports  | All phone types   |  |
| 3.1A SHARED   | Supplying up to 5V DC 3.1A across both ports  | All phone types   |  |
| 5.1A SHARED   | Supplying up to 5V DC 5.1A across 4 ports   | All phone types   | Certified USB Cable,<br>MFI licenced Apple<br>Cable  |
| FASTCHARGE<br>Type-A  | Supplying up to<br>5V DC 2A - up to 10W (standard mode)<br>9V DC 2A - up to 18W (FASTCHARGE mode)<br>12V DC 1.5A - up to 18W (FASTCHARGE<br>mode). The ports offers up to 5V DC 2A<br>when FASTCHARGE is not activated. When<br>FASTCHARGE is activated the Type A port will<br>output at 5V DC 1A        | All phone types - but<br>if your phone supports<br>QC3.0 or USB-PD<br>then it will enjoy the<br>FASTCHARGE benefits | For optimum charge<br>rates we recommend<br>a certified USB Type-A<br>to Type-C cable to<br>enjoy FASTCHARGE |
| FASTCHARGE<br>Type-C  | Supplying up to<br>5V DC 3A - up to 15W (FASTCHARGE mode)<br>9V DC 2A - up to 18W (FASTCHARGE mode)<br>12V DC 1.5A - up to 18W (FASTCHARGE<br>mode). The ports offers up to 5V DC 2A<br>when FASTCHARGE is not activated. When<br>FASTCHARGE is activated the alternative port<br>will output at 5V DC 1A |   | For optimum charge<br>rates we recommend<br>a certified USB Type-C<br>to Type-C cable to<br>enjoy FASTCHARGE |
| These USB chargers are designed for devices that require no more than 20W of power. They are not suitable for laptops |   |   |  |

nese USB chargers are designed for devices that require no more than 20W of power. They are not suitable for laptop or some of the high-power tablets. Whilst Apple portable devices will charge on any of the above models, they do not currently support QC3.0 or USB-PD, they rely on their own proprietary charging technique and will therefore decide the optimum charge for themselves.

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# **LEADING THE CHARGE!**

#### BEST USED FOR

#### PRODUCT



It is the phone or devices that decides the optimum charge rate and once a device reaches around 80% charge, they slow the charge rate down and features like FASTCHARGE will not activate.

Using sub-standard or uncertified USB charging cables can prevent you obtaining the optimum charging rates for your device. We recommend using certified USB cables only

SCREWLESS 105



## SPECIALIST SOCKETS

Our specialist socket range offers convenient under cabinet, desktop, and worktop power solutions for kitchens and office spaces

| 13A Dual Fitting Sockets  | 108 |
|---|-----|
| Vertical Corner Mount Sockets / Pop-up Sockets  | 109 |
| 13A Dual Fitting Power Station / 13A Surface Mount Sockets<br>/ Pop-up Dual USB Charger         | 110 |
| Pop-up Wireless Dual USB Charger / Desk Mount USB Charger<br>/ 13A Recess Mount Switched Socket | 111 |
| Connectors / Cable Gland  | 137 |





#### 13A DUAL FITTING SOCKETS

- Ideal for kitchens, bedrooms, utility rooms, and hotel rooms
- Matching metal rocker switches
- Also suitable for mounting on counter tops against walls
- Stainless steel finish



#### 13A VERTICAL CORNER MOUNT SOCKETS

• The perfect solution for unused corners on kitchen counter tops, in bedrooms, and hotel rooms



| Code    | Model   | Height | Width | Projection | Insert |
|---------|---|--------|-------|------------|--------|
| SKR001A | 2G with Removable Phone Holder + Dual USB<br>Charger            | 236mm  | 110mm | 67mm       | Black  |
| SKR0013 | 1G with Built-in 3W RMS Bluetooth Speaker<br>+ Dual USB Charger | 236mm  | 112mm | 74mm       | Grey   |



#### IP54 POP-UP SOCKETS

- IP54\* rated pop-up sockets for use in kitchen counter tops, offices, boardrooms, and hotel rooms
- Ideal wherever a discreet power solution is required
- These devices have a secure clip that locks the unit upright when in use
- Unit can be closed with items plugged in via the innovative cable management cap and inverted socket positions
- Fitted with approx. 2m cable and BS plug top
- Requires a 90mm-92mm circular cut-out with a min. 25mm clearance around the hole
- Mounting surface thickness 10mm to 50mm
   \*only when closed

| Code   | Model  |
|--------|--|
| SK006  | 3G   |
| SK005A | 2G + Dual USB Charger<br>+ Bluetooth Speaker |
|        |  |



SPECIALIST SOCKETS



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#### 13A 2G DUAL FITTING POWER STATION

- Power, USB charging, Bluetooth speaker system and a removable tray
- · Also suitable for mounting on counter tops against walls
- Back-lit fused ON/OFF rocker switch
- Built-in 2W RMS Bluetooth Speaker
- Fitted with approx. 2m cable and BS plug top
- Optional hanging tray to support phones, tablets or cookbooks

| Code  | Model            |
|-------|------------------|
| SK007 | 2G Power Station |



- Surface mounted power solutions ideal for kitchens, bedrooms, offices, and hotels
- Fitted with approx. 2m cable (open ended)
- Back-lit fused ON/OFF rocker switch
- Requires an 18mm to 20mm circular cut-out
- Mounting surface thickness 14mm to 30mm

| Code   | Model                              |
|--------|------------------------------------|
| SK0011 | 2G with Dual USB Charger           |
| SK004  | 2G + Speaker with Dual USB Charger |

#### POP-UP DUAL USB CHARGER

- Compact pop-up USB charging solution
- · Recess mounts into desk and work surfaces, includes plug-in power supply

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- Ideal for workstations, office / home office, and
- installation into suitable furniture to create a bespoke charging point
- Pop-up action push to pop up and push to close
- Requires a 44mm circular cut-out
- Minimum mounting surface thickness of 10mm

| Code   | Model                   |
|--------|-------------------------|
| SK0010 | Pop-Up Dual USB Charger |





#### POP-UP WIRELESS DUAL USB CHARGER

- Conveniently charge your compatible phone wirelessly by simply placing on the top pad, or pop up the dual USB socket and fast charge your device via the Type-C USB port
- Wireless charging effective charging distance: 2-5mm (compatible with Qi wireless charging) Charging rate DC 5V / 1A
- 1 x Type-A (DC 5V max. 2A)
- 1 x Type-C (DC 5V to 12V max. 3.1A compatible with QC3.0 and PD fast charge)
- Total output: max. 4A when being shared
- Includes plug-in power supply

#### Code Model

SK0015

Wireless Desktop Charger with Pop-up Dual USB Charger









#### DESK MOUNT USB CHARGER

- 2 x adapters included for existing desk cut-outs
- Dual USB 5V DC 4A (shared)
- Type-A and Type-C USB
- Cable management facility
- Includes plug-in power supply
- 60mm or 80mm cut-out required

#### Code Model

SK0012 Desk Mount USB Charger NEW





#### 13A RECESS MOUNT SWITCHED SOCKET

- Provides a protected recess mounted switched socket with USB charging
- Stainless steel lid (not spring loaded)
- · Fitted with approx. 2m cable and BS plug top
- Requires a 112mm circular cut-out
- Mounting surface thickness 14mm to 50mm

| Code    | Model                                     | USB                    |
|---------|---|------------------------|
| SKR003A | Recess mount socket with dual usb charger | 5V DC 2.44<br>(SHARED) |



## METAL CLAD

Our heavy duty range of switches and sockets finished in a durable powder-coated metal clad finish

| 13A Sockets / Sockets with USB / Fan Isolator Switch / 10AX<br>Switches / Fused Spur Units / 20A Switches | 115     |
|---|---------|
| Cooker Switches and Sockets / Media Outlets / Blanking Plates<br>/ Modular Frames                         | 116     |
| Grid Wiring Accessories   | 117-119 |

#### DOUBLE POLE SWITCHES

9

On selected products, for additional safety

#### COLOUR MATCHING BACK BOX

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Single plate size: 82mm x 82mm

Double plate size: 82mm x 142mm

Projection: 45mm (unless otherwise stated)

DURABLE Powder-coated surface

EASY CABLING Multiple cable <u>acce</u>ss points



#### QUALITY USB

High quality US IC's and USB controllers on USB products



HIGH INTEGRITY EARTHING Twin earthing terminals (on double switched sockets), for compliance with BS 7671:2008 regulation 543-7



\*2 YEARS ON ELECTRONIC PRODUCTS

#### 114 METAL CLAD



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#### **10AX SWITCHES**

| Code  | Size | Model        |
|-------|------|--------------|
| M1200 | 1G   | Intermediate |
| M2000 | 1G   | 2-Way        |
| M3000 | 2G   | 2-Way        |
| M4000 | 3G   | 2-Way        |

#### **13A SOCKETS**

| Code    | Size | Model                           |
|---------|------|---------------------------------|
| MR7000  | 1G   | DP Switched Socket              |
| MR7000U | 1G   | Unswitched Socket               |
| MR9000  | 2G   | DP Switched Socket + Twin Earth |
| MR9000U | 2G   | Unswitched Socket + Twin Earth  |







#### 13A SOCKETS WITH USB

| Code   | Size | Model  |
|--------|------|--|
| MR9124 | 1G   | Switched Socket<br>with Dual USB Charger                 |
| MR9224 | 2G   | Switched Socket<br>with Dual USB Charger<br>+ Twin Earth |

#### FUSED SPUR UNITS

#### • Double pole switches where applicable

| Code   | Model                          |
|--------|--------------------------------|
| M6000  | Unswitched                     |
| M6000N | Unswitched + Neon              |
| M6300  | Switched                       |
| M6300N | Switched + Neon                |
| M6300F | Switched + Flex Outlet (front) |





#### **10AX FAN ISOLATOR SWITCH**

| Code  | Model       |
|-------|-------------|
| M1100 | Triple Pole |



#### **20A SWITCHES**

| es |
|----|
| 2  |

| Code   | Model           |  |
|--------|-----------------|--|
| M8341  | Switched        |  |
| M8341N | Switched + Neon |  |





#### 45A COOKER SWITCHES

• Double pole switches

| Code   | Size   | Model           |
|--------|--------|-----------------|
| M8331N | Single | Switched + Neon |
| M8332N | Double | Switched + Neon |

#### **BLANKING PLATES**

| Backbox not included |      |  |
|----------------------|------|--|
| Code                 | Size |  |
| M8500                | 1G   |  |
| M8600                | 2G   |  |



#### 45A COOKER SWITCH AND SOCKET

- Double pole switches
  13A switched socket
- 13A switched socket

| Cod | e |  | Мос | lel |  |
|-----|---|--|-----|-----|--|
|     |   |  |     |     |  |

MR8333N

Switched + Neon



#### MODULAR FRAMES

Backbox not included

| Code | Size        |
|------|-------------|
| M1G  | 1 Module    |
| M2G  | 1-2 Modules |
| M4G  | 3-4 Modules |



#### MEDIA OUTLETS

| Code  | Model                        |
|-------|------------------------------|
| M7300 | Telephone Socket - Master    |
| M7400 | Telephone Socket - Extension |
| MRJ45 | Network Outlet - RJ45        |



**Modular solutions available** on page 122-125



#### GRID FACEPLATES

Requires grid mounting frame (sold separately)For use with Knightsbridge Grid accessories only



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#### GRID MOUNTING FRAMES

| Code    | Size |
|---------|------|
| GDF001F | 1-2G |
| GDF002F | 3-4G |









#### DURABLE POWDER COATED GRID BACK BOXES

- 44mm deep
- Fixed mounting lugs
- With earth terminals
- Mix of 20mm knockout positions

| Code     | Size  |                     |
|----------|-------|---------------------|
| M8700    | 1-2G  | 1 x Earth Terminal  |
| M8900    | 3-4G  | 1 x Earth Terminal  |
| GDSG68M  | 6-8G  | 2 x Earth Terminals |
| GDSG912M | 9-12G | 2 x Earth Terminals |









#### 20AX GRID SWITCH MODULES

| Code    | Model                                |
|---------|--------------------------------------|
| GDM001U | 2-Way SP                             |
| GDM002U | DP                                   |
| GDM003U | DP + LED Indicator                   |
| GDM004U | 2-Way SP (centre-off)                |
| GDM005U | Intermediate                         |
| GDM006U | 2-Way SP Retractive (marked "PRESS") |



#### 10A GRID FAN ISOLATOR MODULES

Triple pole

| • | Requires | one | grid | position | only |
|---|----------|-----|------|----------|------|
|---|----------|-----|------|----------|------|

| Code    | Model   |
|---------|---|
| GDM020U | Grid fan isolator switch module                                 |
| GDM021U | Grid fan isolator key switch<br>module (supplied with test key) |



#### 20AX GRID KEY SWITCH MODULES

| Code    | Model                            |
|---------|----------------------------------|
| GDM007U | 2-Way SP (marked "EMG LTG TEST") |
| GDM008U | DP (marked "EMG LTG TEST")       |
| GDM009U | 2-Way SP                         |
| GDM010U | DP                               |
| GDKEY   | Spare Key                        |

118

METAL CLAD



#### GRID TRAILING-EDGE DIMMER MODULES • 10-200W incandescent | 10-100W LED

| Code    | Model                                  |
|---------|--|
| GDM014U | 1-Way Trailing-Edge Grid Press Dimmer  |
| GDM200U | 2-Way Trailing-Edge Grid Rotary Dimmer |





#### GRID DUAL USB CHARGER MODULE

• Requires two grid positions

| Code | Model |  |
|------|-------|--|
|      |       |  |

GDM016U

Dual USB Charger Module



#### GRID DUMMY DIMMER MODULE

- Push on/off function only
- Ideal for situations where you require one position to look like a dimmer but act like a switch



#### MISCELLANEOUS GRID MODULES

| Code    | Model          |     |         |        | Code    | Model   |                |       |        |
|---------|----------------|-----|---------|--------|---------|---------|----------------|-------|--------|
| GDM022U | 6A 2-Way       | /   |         |        | GDM011U |         | lolder (13A)   |       |        |
|         |                |     |         |        | GDM012U | Flex Ou | utlet (max. 10 | )mm)  |        |
|         |                |     |         |        | GDM013U | Blank   |                |       |        |
|         |                |     |         |        | GDM017  | Indicat | or - Green     |       |        |
|         |                |     |         |        | GDM018  | Indicat | or - Red       |       |        |
|         |                |     |         |        | GDM019  | Indicat | or – Orange    |       |        |
|         |                |     |         |        |         |         |                |       |        |
|         |                |     |         | -      | -       | 1000    | 1000           | 1000  | -      |
|         |                |     |         |        |         |         |                |       |        |
| BOILER  | DISH<br>WASHER | FAN | WASHING | TUMBLE | COOKER  | НОВ     | OVEN           | MICRO | FRIDGE |

#### GRID ROCKER COVERS

• Easy to install

Replace an existing rocker with an laser or pad printed version indicating the appliance it refers to

| Code    | Model           | Code     | Model          |
|---------|-----------------|----------|----------------|
| GDBOILU | Boiler          | GDCOOKU  | Cooker Hood    |
| GDDISHU | Dishwasher      | GDHOBU   | Hob            |
| GDFANU  | Fan             | GDOVENU  | Oven           |
| GDWASHU | Washing Machine | GDMICROU | Microwave      |
| GDDRYU  | Tumble Dryer    | GDFRIDU  | Fridge Freezer |

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## DATACOMMS

A comprehensive range of datacomms accessories. Our selection of black, white and grey inserts can be used alongside our entire offering of switches and sockets

| Telecom Modules  | 122     |
|--|---------|
| TV Modules   | 122-123 |
| HDMI Modules / Brush Modules / HDMI Cables                                     | 124     |
| USB Modules / 13A Socket Modules / Round Pin Socket Modules /<br>Blank Modules | 125     |
| Network Cables / Network Patch / Panels / Network Accessories                  | 126     |

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#### FOR MODULAR FRAMES PLEASE SEE:

Moulded - Square Edge Page 11 Moulded - Curved Edge Page 18 Raised Edge - Rounded Page 33 Raised Edge - Square Page 48 Flat Plate Page 71 Screwless Page 100 Metal Clad Page 116

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#### **TELECOM MODULES**

• 25mm x 50mm modules • IDC Termination

| Code      | Model     | Finish |
|-----------|-----------|--------|
| NETBTMWH  | Master    | White  |
| NETBTMGY  | Master    | Grey   |
| NETBTMBK  | Master    | Black  |
| NETBTSWH  | Extension | White  |
| NETBTSGY  | Extension | Grey   |
| NETBTSBK  | Extension | Black  |
| NETRJ11WH | RJ11      | White  |
| NETRJ11GY | RJ11      | Grey   |



| Code      | Model          | Finish |
|-----------|----------------|--------|
| NETRJ11BK | RJ11           | Black  |
| NETCAT5WH | UTP CAT5e RJ45 | White  |
| NETCAT5GY | UTP CAT5e RJ45 | Grey   |
| NETCAT5BK | UTP CAT5e RJ45 | Black  |
| NETCAT6WH | UTP CAT6 RJ45  | White  |
| NETCAT6GY | UTP CAT6 RJ45  | Grey   |
| NETCAT6BK | UTP CAT6 RJ45  | Black  |



#### COAX TV MODULES

- Clamp-on PCB type connection
  25mm x 50mm modules
  Coax socket

| Code    | Finish |
|---------|--------|
| NETTVWH | White  |
| NETTVGY | Grey   |
| NETTVBK | Black  |



#### SAT TV MODULES

- 25mm x 50mm modules
  F-Type coupler connection

| Code     | Finish |
|----------|--------|
| NETSATWH | White  |
| NETSATGY | Grey   |
| NETSATBK | Black  |

DATACOMMS



#### SCREENED COAX TV MODULES

- 25mm x 50mm modules
- Coax socket

| Code     | Finish |
|----------|--------|
| NETTVSWH | White  |
| NETTVSGY | Grey   |
| NETTVSBK | Black  |



#### SCREENED SAT TV MODULES

- 25mm x 50mm modules
- F-type connection

| Code      | Finish |
|-----------|--------|
| NETSATSWH | White  |
| NETSATSGY | Grey   |
| NETSATSBK | Black  |

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#### SCREENED DIPLEX TV / FM DAB MODULES

- 50mm x 50mm modules
- Coax plug / coax socket

| Code      | Finish |
|-----------|--------|
| NETDITVWH | White  |
| NETDITVGY | Grey   |
| NETDITVBK | Black  |



### SCREENED DIPLEX TV / SAT TV MODULES

- 50mm x 50mm modules
- Coax plug / F-type connection

| Code       | Finish |
|------------|--------|
| NETDISATWH | White  |
| NETDISATGY | Grey   |
| NETDISATBK | Black  |



#### SCREENED TRIPLEX TV / FM DAB / SAT TV MODULES

• 50mm x 50mm modules

• Coax plug / coax socket / F-type Connection

| Code     | Finish |
|----------|--------|
| NETTRIWH | White  |
| NETTRIGY | Grey   |
| NETTRIBK | Black  |



#### SCREENED QUADPLEX TV / FM DAB / SAT1 / SAT2 MODULES

- 50mm x 50mm modules
- Coax plug / Coax socket / 2 x F-type connections

| Code    | Finish |
|---------|--------|
| NETQDWH | White  |
| NETQDGY | Grey   |
| NETQDBK | Black  |





#### HDMI MODULES

- 25mm x 50mm Modules
- HDMI socket on 100mm cable for easy cable management
- HDMI socket-to-socket connection

| Code      | Finish |
|-----------|--------|
| NETHDMIWH | White  |
| NETHDMIGY | Grey   |
| NETHDMIBK | Black  |





#### **BRUSH MODULES**

- Facilitates a tidy cable entry/exit from wall
- Use in conjunction with any of our modular faceplates to create a brush outlet faceplate

| Code      | Size         | Finish |
|-----------|--------------|--------|
| NETBR1GW  | 25mm x 50mm  | White  |
| NETBR1GGY | 25mm x 50mm  | Grey   |
| NETBR1G   | 25mm x 50mm  | Black  |
| NETBR2GW  | 50mm x 50mm  | White  |
| NETBR2GGY | 50mm x 50mm  | Grey   |
| NETBR2G   | 50mm x 50mm  | Black  |
| NETBR4GW  | 100mm x 50mm | White  |
| NETBR4GGY | 100mm x 50mm | Grey   |
| NETBR4G   | 100mm x 50mm | Black  |

NB: Not intended for use alongside power sockets / modules in same channel due to potential hazardous voltage that may be present and easily reached

#### MULTIMEDIA PLATE PAGE 15





#### HDMI CABLES

- Support full HD 1080P | 4K-ready (where stated)
- Supports ARC (Audio Return Channel)
- Gold plated connectors
- Durable over-moulded connectors with nylon braided cable

| Code | Model         |
|------|---------------|
| AV2  | 2m (4K-Ready) |
| AV8* | 3m (4K-Ready) |
| AV6  | 5m            |
| AV7  | 10m           |

\*AV8 includes a HDMI to Mini HDMI and Micro HDMI Adaptor



#### ASSEMBLED BRUSH MODULE FACEPLATES

| Code       | Size                   |
|------------|------------------------|
| NETBRUSH2G | Single Plate Assembled |
| NETBRUSH4G | Twin Plate Assembled   |







50mm x 50mm Modules5V DC 2A (shared)

| Code     | Finish |
|----------|--------|
| NETUSBWH | White  |
| NETUSBGY | Grey   |
| NETUSBBK | Black  |





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#### 5A ROUND PIN SOCKET MODULES

- Unswitched
- 50mm x 50mm Modules

| Code    | Finish |     |
|---------|--------|-----|
| NET5AWH | White  | NEW |
| NET5AGY | Grey   | NEW |
| NET5ABK | Black  | NEW |



#### DUAL USB CHARGER MODULES (TYPE-A/TYPE-C) • 25mm x 50mm Modules

- 1 x Type-A and 1 x Type-C
- 5V DC 3.1A (shared)



- 12.5mm x 50mm Modules
- Supplied in packs of 10

| Code      | Finish |
|-----------|--------|
| NETUSBCWH | White  |
| NETUSBCGY | Grey   |
| NETUSBCBK | Black  |

| Code   | Finish |
|--------|--------|
| NETQWH | White  |
| NETQGY | Grey   |
| NETQBK | Black  |



#### **13A SOCKET MODULES**

- Unswitched
- 50mm x 50mm Modules

| Code    | Finish |
|---------|--------|
| NET13WH | White  |
| NET13GY | Grey   |
| NET13BK | Black  |



#### HALF BLANK MODULES

- 25mm x 50mm Modules
- Supplied in packs of 10

| Code   | Finish |
|--------|--------|
| NETHWH | White  |
| NETHGY | Grey   |
| NETHBK | Black  |





#### NETWORK CABLES

• CCA 24AWG • RJ45 to RJ45 snagless boots

| Code     | Model           | Finish |
|----------|-----------------|--------|
| NETC51M  | 1m - UTP CAT5e  | Grey   |
| NETC53M  | 3m - UTP CAT5e  | Grey   |
| NETC55M  | 5m - UTP CAT5e  | Grey   |
| NETC510M | 10m - UTP CAT5e | Grey   |

| Code     | Model          | Finish |
|----------|----------------|--------|
| NETC61M  | 1m - UTP CAT6  | Black  |
| NETC63M  | 3m - UTP CAT6  | Black  |
| NETC65M  | 5m - UTP CAT6  | Black  |
| NETC610M | 10m - UTP CAT6 | Black  |



#### NETWORK PATCH PANELS

• 19" 1U 24-port

- Universal / 110 IDC termination
  Port identification
- Dual 568A/B

| Code     | Model     |
|----------|-----------|
| NET24C5E | UTP CAT5e |
| NET24C6  | UTP CAT6  |



#### NETWORK ACCESSORIES

| Code    | Size         | Model     |
|---------|--------------|-----------|
| NETC5CP | RJ45 Coupler | UTP CAT5e |
| NETC6CP | RJ45 Coupler | UTP CAT6  |
| SM314   | Junction Box | UTP CAT5e |
| SM315   | Junction Box | UTP CAT6  |





# GRID WIRING ACCE

#### IDEAL FOR THE MOST DEMANDING PROJECTS

Grid wiring accessories offer multiple switching options, control, and additional features such as USB charging.

With solutions available across multiple ranges, our grid offering is versatile and offers a perfect solution for domestic, industrial, and commercial installations.

quick and easy installation

Mounting clips allowing

Front loading system for easy maintenance

Earthing

point

Removable rocker

covers

35mm galvanised steel backbox



O-rings hold screws in place

Smooth action switches

Faceplate manufactured from premium grade steel

Manufactured to the latest British Safety Standards

Example shown here is for Screwless grid accessories, construction on other ranges may vary

Pre-fitted moisture gasket

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## WEATHERPROOF

Outdoor wiring accessories, providing everything you need to bring power to domestic and commercial outdoor spaces

| 13A Outdoor Sockets / Fused Spur Units / Outdoor Socket Kit                                      | 133 |
|--|-----|
| 20AX Outdoor Light Switches  | 134 |
| Outdoor Control Boxes / RF Remote Controlled / RCD Protected<br>Socket / Smart Wi-fi Control Box | 135 |
| Outdoor Enclosures / Weatherproof Boxes  | 136 |
| Connectors / Cable Gland   | 137 |

Rugged, impact resistant polycarbonate construction

Multiple 20mm cable access points

Power indicator

Transparent casing. Lid holds open when required for ease of use

Padlock ready, securable lid

IP66 Protected from solid objects including dust and powerful jets of water from all directions

IP66

IK06 Protected against 1 joule impact. Equivalent to the impact of a 0.25 kg mass being dropped from 400mm above item

IK06

- Rugged, impact resistant polycarbonate construction
- Double pole switches where stated
- Large-sized locking mechanism for ease of use
- Transparent casing allowing on/off power indicators to be seen at a distance, and offers extra clearance for the more robust fully moulded plug tops
- Lockable lid (padlock not included)
- Multiple 20mm cable access points (sides and rear)





#### 13A OUTDOOR SOCKETS

| Code | Size | Model                       |     |
|------|------|-----------------------------|-----|
| OP7N | 1G   | DP + Indicator (Twin Earth) | NEW |
| OP9N | 2G   | DP + Indicator (Twin Earth) | NEW |

#### FUSED SPUR UNITS

| Code  | Model                  |     |
|-------|------------------------|-----|
| 0P63N | Switched + Indicator   | NEW |
| OP6N  | Unswitched + Indicator | NEW |

#### OUTDOOR SOCKET KIT

- 2G Outdoor Socket
- RCD Plug
- 3m Rubber Outdoor Cable

| Code     | Size | Model                            |     |
|----------|------|----------------------------------|-----|
| OPRCDKIT | 2G   | Outdoor Socket Kit +<br>RCD Plug | NEW |

Kit supplied unassembled



# IP66 2G SMART OUTDOOR SWITCHED SOCKET Controls up to 2 outdoor appliances Manually override by using the switch on the socket Rugged outdoor enclosure Range: 20m-40m (depending on Wi-Fi signal coverage) Code Model DP9KW IP66 2G Outdoor Switched Socket NEW

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IP66 IK06

**WEATHERPROOF** 

Rugged, impact resistant polycarbonate construction

1250

Built-in blue LED indicator

20AX switches

Unique circular rocker switch design

Multiple 20mm cable access points

4

IK06



#### 20AX OUTDOOR LIGHT SWITCHES

 Code
 Model

 OP2
 16 2-Way with Indicator
 NEW

 OP3
 26 2-Way with Indicator
 NEW

 OP21
 16 Retractive with Indicator
 NEW

WEATHERPROOF

IP66

134

- Manual and RF remote control boxes

- Rugged and impact resistant polycarbonate construction
  Multiple 20mm cable access points
  Range of up to 20m on wireless models (dependent on environment)

#### MANUAL

| Code | Load | Model          |
|------|------|----------------|
| IP3G | 13A  | 3G Control Box |
| IP5G | 13A  | 5G Control Box |



#### **RF REMOTE CONTROLLED**

| Code     | Load | Model                   |     |
|----------|------|-------------------------|-----|
| IP663G   | 13A  | 3G Control Box + Remote |     |
| IP665G   | 13A  | 5G Control Box + Remote |     |
| IPREMOTE |      | Spare Remote Control*   | NEW |
| IP9000R  | 13A  | 2G Socket + Remote      |     |

\* For use with IP663G and IP665G only



#### RCD PROTECTED SOCKET

RCD trip current of 30mA
RCD trip speed of <30ms</li>

| Code  | Load | Size | Model               |
|-------|------|------|---------------------|
| IPRCD | 13A  | 2G   | RCD Switched Socket |





#### OUTDOOR ENCLOSURES

- Rugged, impact resistant polycarbonate construction
- Multiple 20mm cable access points
- $\bullet$  Designed for use up to 230V 50Hz





| Code   | Height | Width | Projection | Model | Code     | Height | Width | Projection | Model |     |
|--------|--------|-------|------------|-------|----------|--------|-------|------------|-------|-----|
| JB007  | 86mm   | 74mm  | 62mm       | Grey  | JB007BK  | 86mm   | 74mm  | 62mm       | Black | NEW |
| JB008  | 86mm   | 125mm | 62mm       | Grey  | JB008BK  | 86mm   | 125mm | 62mm       | Black | NEW |
| JB009  | 111mm  | 181mm | 100mm      | Grey  | JB009BK  | 111mm  | 181mm | 100mm      | Black | NEW |
| JB0010 | 184mm  | 274mm | 135mm      | Grey  | JB0010BK | 184mm  | 274mm | 135mm      | Black | NEW |

#### WEATHERPROOF BOXES

Ideal for creating bespoke outdoor wiring requirements, for outdoor seasonal lighting, and general outdoor power requirements

- 5 channel gasket allows 1 x power in and 4 x power out, ideal for use with a 4G trailing socket
- Wall mountable via rear mounting plate
- · Velcro mounting pad included with velcro tape
- Screwless design, easy to open and close

| Code   | Height | Width | Projection | Model |     |
|--------|--------|-------|------------|-------|-----|
| JB55   | 334mm  | 220mm | 116mm      | Grey  | NEW |
| JB55BK | 334mm  | 220mm | 116mm      | Black | NEW |



**IP55** 

IK06

Contents not included





#### WEATHERPROOF CONNECTORS

- IP68 rated
  450V 16A
  3 pole

- For use with H07RNF 3G 0.75mm<sup>2</sup> to 4.0mm<sup>2</sup> cable

IP68



| Code   | Depth | Cable Diameter       | Model                   |
|--------|-------|----------------------|-------------------------|
| JB002  | 5bar  | Min. 5mm / Max. 14mm | Inline Connector        |
| JB003  | 2bar  | Min. 5mm / Max. 14mm | 3-Way Connector         |
| JB004  | 2bar  | Min. 5mm / Max. 10mm | 3-Way Connector box     |
| JB0011 | 2bar  | Min. 5mm / Max. 12mm | Plug & Socket Connector |

IP66 CABLE GLAND FOR USE WITH OUTDOOR SWITCHES, SOCKETS, AND ENCLOSURES

| Code  | Size       | Qty |
|-------|------------|-----|
| JB006 | M20 (20mm) | 10  |



#### IP66

# KNOW YOUR IP RATING

First digit

Indicates the level of protection against access to hazardous parts and the ingress of solid objects

# 1-2-3-4-5-6-

>50mm Protection against any large surface of the body, such as the back of a hand, but no protection against deliberate contact

>12.5mm Protection against fingers or similar objects

>2.5mm Protection against tools, thick wires, etc

>1mm Protection against most wires, slender screws, large insects etc

**Dust protected** Protection against dust that may harm equipment

Dust tight No ingress of dust; complete protection against ingress

#### Second digit

Indicates the level of protection against the harmful ingress of water

Dripping water Protection against vertical drops when mounted in an upright position onto a turntable and rotated at 1 RPM

Dripping water (tilted) Protection against water droplets when tilted up to 15° from vertical

Spraying water Protection against water spray up to an angle of 60 degrees

Splashing water Protection against splashing water from any direction

Water jets Protection against low pressure jets of water from any direction

**Powerful water jets** Protection against high pressure jets of water from any direction

Please note, IPX7 and IPX8 are tested using different methods from IPX6 and below. Products with IPX7 or IPX8 ratings are not necessarily protected from water jets or splashes

Immersion up to 1m Protection from immersion in water under defined conditions of pressure and time

Immersion beyond 1m Protection from immersion in water under defined conditions of pressure and time

3

IP66

See on page 134



## Knightsbridge Committed to a brighter future

At Knightsbridge, we believe in looking after our customers and looking after our planet. This philosophy is important to us and is why we have started to apply it to the way we package and present our products.

We are now working in conjunction with the FSC<sup>®</sup> moving towards 100% recyclable / 100% recycled packaging solutions. Look out for the FSC<sup>®</sup> label on our certified packaging.

This is our plan, this is our commitment to a brighter future.



95% REDUCTION IN SINGLE USE PLASTICS

98% BIO-DEGRADABLE PACKAGING







ENVIRONMENTALLY APPROPRIATE forest management ensures that the harvest of

that the harvest of timber and non-timber products maintains the forest's biodiversity, productivity, and ecological processes.



SOCIALLY BENEFICIAL forest management helps both local people and society at large to enjoy long term benefits and also provides strong incentives to local people to sustain the forest resources and adhere to long-term management plans.



RECYCLABLE

CKAGING

#### ECONOMICALLY

VIABLE forest management means that forest operations are structured and managed so as to be sufficiently profitable, without generating financial profit at the expense of the forest resource, the ecosystem, or affected communities. Ж



## WIRING BASICS

Your everyday electrical essentials including pendant sets, extension leads, tools, testing kits, and more

USB Charger Max. 5V DC 5100mA Ж

| Dry Lining Boxes / Galvanised Boxes / Grid Back Boxes / Extension<br>Boxes                           | 142     |
|--|---------|
| Surface Boxes / Junction Boxes / Service Connector Blocks  | 143     |
| Pendant Sets / Pull Cord Switches  | 144-145 |
| Batten Holders / Lamp Holder / Cord Switches / Cord Dimmers<br>/ Extension Leads                     | 146     |
| Trailing Sockets / Mains Adaptors / 3-Pin Mains Connectors / RCD<br>Adaptors, Sockets and Fused Spur | 147     |
| Plug Tops / Fuses / Strip Connectors / Screws  | 148     |
| Holesaws   | 149     |
| Testing Kits / Tools   | 150     |
|  |         |

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#### DRY LINING BOXES

- Large flange to prevent slipping into cavity
- Two adjustable lugs
- Cable entry channels top and bottom (except SN8375)
- Cable knockout on rear
- Minimum 7mm plasterboard thickness required



#### GALVANISED STEEL BOXES

- Galvanized steel construction 1mm thickness (+/- 1%)
- One fixed mounting lug and one adjustable mounting lug (except Architrave and Dual Boxes)
- Cable knockouts on all sides (except Architrave and 16mm Boxes)



| Code    | Model        | Qty |
|---------|--------------|-----|
| SN8370  | 35mm - 1G    | 10  |
| SN8381  | 47mm - 1G    | 10  |
| SN8380  | 35mm - 2G    | 10  |
| SN8382  | 47mm - 2G    | 10  |
| SN8375  | 34mm Round   | 10  |
| SN8380D | 35mm Dual    | 10  |
| SN8335D | 35mm 1G + 2G | 5   |

| Code     | Model                            | Qty | /   |
|----------|----------------------------------|-----|-----|
| GSK27    | 27mm Architrave + Earth Terminal | 20  |     |
| GSK16    | 16mm 1G + Earth Terminal         | 20  |     |
| GSK25    | 25mm 1G + Earth Terminal         | 10  |     |
| GSK35    | 35mm 1G + Earth Terminal         | 10  |     |
| GSK47    | 47mm 1G + Earth Terminal         | 10  |     |
| GSK225   | 25mm 2G + Earth Terminal         | 5   |     |
| GSK235   | 35mm 2G + Earth Terminal         | 5   |     |
| GSK247   | 47mm 2G + Earth Terminal         | 5   |     |
| GSK235D  | 35mm Dual + Earth Terminal       | 5   |     |
| GSK298MM | 47mm 4 x 2G + Earth Terminals    | 1   | NEW |
| GSK335   | 35mm Triple + Earth Terminal     | 5   |     |
| GSK335D  | 35mm 1G + 2G + Earth Terminal    | 5   |     |

GSK298MM





#### GRID BACK BOXES

| Code     | Model                        | Qty |
|----------|------------------------------|-----|
| GDSG68G  | 35mm 6-8G + Earth Terminals  | 1   |
| GDSG912G | 35mm 9-12G + Earth Terminals | 1   |



#### EXTENSION BOXES

| Code   | Model       | Qty |
|--------|-------------|-----|
| GSE25  | 25mm Single | 10  |
| GSE225 | 25mm Double | 5   |

142



### **1G SURFACE BOX**

- Suitable for use with 1G Screwless and Flat Plate products from Knightsbridge
- 32mm deep

Code Finish 1GSBBK Black NEW 1GSBGY Grey NEW 1GSBW White NEW



Shown fitted with **SFQUADMW** (not included)



### JUNCTION BOXES

• Heavy-duty construction • Ideal for mains and low voltage installations

| Code    | Model                         | Qty | Code    | Model                         | Qty |
|---------|-------------------------------|-----|---------|-------------------------------|-----|
| SN8400  | 5A - 4 Terminal - White 59mm  | 20  | SN8430  | 30A - 3 Terminal - White 89mm | 10  |
| SN8400B | 5A - 4 Terminal - Black 59mm  | 20  | SN8430B | 30A - 3 Terminal - Black 89mm | 10  |
| SN8410  | 20A - 4 Terminal - White 59mm | 20  | SN8460  | 20A - 6 Terminal - White 89mm | 10  |
| SN8410B | 20A - 4 Terminal - Black 59mm | 20  | SN8460B | 20A - 6 Terminal - Black 89mm | 10  |
| SN8420  | 20A - 4 Terminal - White 79mm | 10  | SN8470  | 60A - 3 Terminal - White      | 5   |
| SN8420B | 20A - 4 Terminal - Black 79mm | 10  | SN8470B | 60A - 3 Terminal - Brown      | 5   |





### SERVICE CONNECTOR BLOCKS

· Heavy-duty service connector blocks for use at meter and mains positions

• 100A 240V • Black phenolic urea construction • Secure sealable lid • For max. 35mm<sup>2</sup> rigid conductor

| Code  | Model        | Qty |
|-------|--------------|-----|
| SNEB1 | SP 1 x 5-Way | 10  |
| SNEB2 | DP 2 x 5-Way | 10  |



- 3 plate formatMetal finish ceiling rose and lampholder
- Braided cord flex
- Comtemporay styled lampholder

| Code   | Size      | Model           |     |
|--------|-----------|-----------------|-----|
| 8270MB | 6" T2 E27 | Matt Black      |     |
| 8270MW | 6" T2 E27 | Matt White      | NEW |
| 8270BC | 6" T2 E27 | Brushed Chrome  | NEW |
| 8270PC | 6" T2 E27 | Polished Chrome | NEW |
| 8270BN | 6" T2 E27 | Black Nickel    | NEW |
| 8270AB | 6" T2 E27 | Antique Brass   | NEW |
| 8270PB | 6" T2 E27 | Polished Brass  | NEW |

8300AB / 8300BN





| Code   | Model                        |     |
|--------|------------------------------|-----|
| 8300BC | 10AX 2-Way (Brushed Chrome)  |     |
| 8300PC | 10AX 2-Way (Polished Chrome) |     |
| 8300MW | 10AX 2-Way (Matt White)      | NEW |



| Code   | Model                      |     |
|--------|----------------------------|-----|
| 8300MB | 10AX 2-Way (Matt Black)    | NEW |
| 8300AB | 10AX 2-Way (Antique Brass) | NEW |
| 8300BN | 10AX 2-Way (Black Nickel)  | NEW |

144 WIRING BASICS

### VINTAGE METAL PENDANT SETS

- Metal finish ceiling rose and lampholder
  Braided cord flex
- Vintage styled lampholder

| Code   | Size      | Model           |     |
|--------|-----------|-----------------|-----|
| 8271BC | 6" T2 E27 | Brushed Chrome  |     |
| 8271PC | 6" T2 E27 | Polished Chrome | NEW |
| 8271BN | 6" T2 E27 | Black Nickel    |     |
| 8271AB | 6" T2 E27 | Antique Brass   | NEW |
| 8271PB | 6" T2 E27 | Polished Brass  | NEW |



### PULL CORD SWITCHES

- Ideal for bathrooms and utility rooms
- With approx. 1.5m pull cord and matching pull cord cap

| Code    | Model                    | Qty |
|---------|--------------------------|-----|
| SN8290  | 10A 1-Way (White)        | 5   |
| SN8300  | 10A 2-Way (White)        | 5   |
| SN8310N | 45A DP with Neon (White) | 5   |



### MOULDED PENDANT SETS

3 Plate format

| Code   | Size                  | Qty |
|--------|-----------------------|-----|
| SN8270 | 6" T2 BC              | 10  |
| SN8280 | 9" T2 BC              | 10  |
| 8261   | 6" G24 18W Low Energy | 1   |

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### T2 BC BATTEN HOLDERS

| Code   | Model                                   | Qty |
|--------|---|-----|
| SN8200 | HO - 3 Terminals (BC)                   | 10  |
| SN8210 | Straight Short Skirt (BC) - 3 Terminals | 10  |
| SN8220 | Angled Short Skirt (BC) - 3 Terminals   | 10  |
| SN8230 | HO with ceiling rose base (BC)          | 10  |





### CEILING ROSE AND LAMPHOLDER

| Code   | Model                      | Qty |
|--------|----------------------------|-----|
| SN8260 | Ceiling Rose - 3 Plate     | 10  |
| SN8250 | T2 BC Cord Grip Lampholder | 20  |



### EXTENSION LEADS

- With power indicator
- Low profile design

| Code   | Rating | Model  |
|--------|--------|--------|
| 20042M | 13A    | 4G 2m* |
| 20043M | 13A    | 4G 3m* |
| 20062M | 13A    | 6G 2m* |

### CORD SWITCHES

- 6A 230V
- Double pole switch
- Suitable for 1.5mm<sup>2</sup> cable

| Code   | Model | Qty |
|--------|-------|-----|
| ST6AWH | White | 10  |
| ST6ABK | Black | 10  |





### INLINE REWIRABLE CORD DIMMERS

- 1-60W (1-25W LED)
- Trailing-edge dimmer
- Suitable for 0.75mm<sup>2</sup> twin flat cable

| Code   | Model |
|--------|-------|
| SN81WH | White |
| SN81BK | Black |

### SURGE PROTECTED EXTENSION LEADS

• With surge and power indicators

| Code     | Rating | Model   |
|----------|--------|---------|
| 2004S2M  | 13A    | 4G 2m*  |
| 2006S2M  | 13A    | 6G 2m*  |
| 8GTOWER  | 13A    | 8G 2m*  |
| 12GTOWER | 13A    | 12G 2m* |

\* Cable length is approximate





### **13A TRAILING SOCKETS**

• Manufactured from high grade impact-resistant rubberised plastic

| Code    | Rating | Model    | Qty |
|---------|--------|----------|-----|
| SN2013B | 13A    | 1G Black | 10  |
| SN2013W | 13A    | 1G White | 10  |
| SN2014B | 13A    | 2G Black | 10  |
| SN2014W | 13A    | 2G White | 10  |

## MAINS ADAPTORS & SOCKET COVERS

| Code | Rating | Model                    | Qty |
|------|--------|--------------------------|-----|
| 1350 | 13A    | 2-Way                    | 10  |
| 1375 | 13A    | 3-Way (fused)            | 10  |
| 8910 | 13A    | Shaver Adaptor (1A fuse) | 20  |
| 1390 | 13A    | Socket Blanking Plug     | 5   |

### 10A 3-PIN MAINS CONNECTORS

· Manufactured from high grade impact-resistant rubberised plastic





### RCD ADAPTORS / SOCKETS AND FUSED SPUR UNIT

• Latching type RCD • RCD trip current of 30mA • RCD trip speed of <40ms

| Code   | Rating | Model              | Code    | Rating | Model                  |
|--------|--------|--------------------|---------|--------|------------------------|
| RCD001 | 13A    | RCD Safety Adaptor | RCD6000 | 13A    | RCD Fused Spur Unit    |
| RCD002 | 13A    | RCD Safety Plug    | RCD9000 | 13A    | 2G RCD Switched Socket |



### PLUG TOPS - DOMESTIC USE

### Screw type cord grip

• BSI Kitemarked

| Code     | Model            | Qty |
|----------|------------------|-----|
| SN1382   | 3A Fuse - White  | 20  |
| SN1381   | 5A Fuse - White  | 20  |
| SN1383   | 13A Fuse - White | 20  |
| SN1383BK | 13A Fuse - Black | 20  |



### CARTRIDGE FUSES - DOMESTIC USE • ASTA approved

| Code        | Model  | Qty |
|-------------|--|-----|
| SN3AFUSE    | 3A Fuse                                      | 10  |
| SN5AFUSE    | 5A Fuse                                      | 10  |
| SN13AFUSE   | 13A Fuse                                     | 10  |
| SNMIXEDFUSE | Mixed Fuse Pack<br>(3 x 3A, 3 x 5A, 4 x 13A) | 10  |



### PLUG TOPS - ROUGH USE

- Clamp type cord grip
- BSI Kitemarked
- TPE cover and nylon base

| Code    | Model            | Qty |
|---------|------------------|-----|
| 2135-RW | 13A Fuse - White | 20  |
| 2135-RB | 13A Fuse - Black | 20  |



### PLUG TOPS - ROUND PIN

Screw cord grip

| Code    | Model       | Qty |
|---------|-------------|-----|
| 132A    | 2A - White  | 20  |
| SN135A  | 5A - White  | 20  |
| SN1315A | 15A - White | 20  |



### STRIP CONNECTORS

- Terminal strips for connecting electrical cables
- Natural colour
- 12-Way
- 380V
- Made of PA66 material (UL94-V2 self extinguishing)
- Operating temperature: -30°C to + 110°C

| Code   | Model                                 | Qty |
|--------|---------------------------------------|-----|
| SC3PA  | 3A - 4mm <sup>2</sup> Wire Capacity   | 10  |
| SC5PA  | 5A - 6mm <sup>2</sup> Wire Capacity   | 10  |
| SC15PA | 15A - 10mm <sup>2</sup> Wire Capacity | 10  |
| SC30PA | 30A - 16mm <sup>2</sup> Wire Capacity | 10  |
| SC60PA | 60A - 25mm <sup>2</sup> Wire Capacity | 10  |

### RAISED HEAD ELECTRICAL SCREWS

- M3.5
- Raised head / Slotted
- Countersunk

| Code     | Model | Qty |
|----------|-------|-----|
| CSCREW35 | 35mm  | 100 |
| CSCREW50 | 50mm  | 100 |
| CSCREW75 | 75mm  | 100 |

### HOLESAWS

- 4/6 TPI Bi-metal variable teeth
- Suitable for cutting steel, stainless steel, die-cast metals, hardwood floors, plywood, and plastics

| Code   | Model | Code   | Model |
|--------|-------|--------|-------|
| HS20MM | 20mm  | HS70MM | 70mm  |
| HS25MM | 25mm  | HS72MM | 72mm  |
| Н532ММ | 32mm  | HS75MM | 75mm  |
| HS38MM | 38mm  | HS80MM | 80mm  |
| HS51MM | 51mm  | HS85MM | 85mm  |
| НЅ60ММ | 60mm  | HS90MM | 90mm  |
| HS65MM | 65mm  |        |       |

### A2 AND A4 ARBOR

- A2 size Arbor with 11mm hex arbor shank and 6.3mm high speed pilot drill bit included
- A4 size Arbor with 9.5mm hex arbor shank and 6.3mm high speed pilot drill bit included

| Code     | Model |
|----------|-------|
| HSARBORL | A2    |
| HSARBORS | A4    |

### ARBOR DRILL BITS m

| 6.35mm x | 75mn |
|----------|------|
|----------|------|

| Code       | Model     |
|------------|-----------|
| HSPILOTDB5 | Pack of 5 |

Z

### SOCKET TESTER

Code TE3

 Tests for common wiring errors on BS 1363-2 13A sockets

Model

Socket Tester

• Simple to use and easy to diagnose faults





### REMOTE CABLE TESTER

| Code  | Model                           |
|-------|---------------------------------|
| XT468 | Remote Cable Tester (RJ45/RJ11) |



### VOLTAGE DETECTOR

- Voltage detection range: 90-1000V AC
- Audible and visual alerts for AC detection

| Code | Model            |
|------|------------------|
| TE4  | Voltage Detector |



### PROFESSIONAL IDC TOOL

| Code   | Model    |
|--------|----------|
| LJ5002 | IDC Tool |



### IP64 2-POLE VOLTAGE TESTERS

- CAT III (690V) / CAT IV (600V) Self-proving
- Built-in torch function

| Code | Model  |
|------|--|
| TE1  | LED + LCD display                                  |
|      | LED TRUETER  |
|      | handheld meter,<br>veying or testing light outputs |
| Code | Model  |

Lux Meter



### NETWORK INSTALLATION KIT

- Contains: RJ45 Crimping Tool, Professional IDC Tool, Remote Cable Tester, 4-in-1 Cable Stripper Tool
- Supplied in secure zipper case

| Code    | Model            |
|---------|------------------|
| XT901BX | Network Tool Kit |

50 WIRING BASICS

TE5

# HAVE A QUESTION? CHAT WITH OUR TEAM **INSTANTLY!**

ML Accessories

mlaccessories.co.uk

Name: Knightsbridge

E-mail:

D

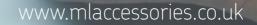
knightsbridge@mlaccessories.co.uk

Write a message ...

Hello. How may I help you?

velcome to LiveChat

Customer Service Support Agent



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# ADDITIONAL HARDWARE

Additional wiring accessories suitable a range of applications

| Industrial Switches and Sockets / Rotary Isolators | 154-155 |
|--|---------|
| Door Chimes  | 156-157 |
| Extractor Fans and Extractor Fan Accessories       | 158-159 |

Ж



### 110V PLUGS AND SOCKETS

- Earth position 4h
  Pin configuration 2P+E
- Terminal capacity max. 4.0mm<sup>2</sup> per terminal

| Code  | Model | Description           |
|-------|-------|-----------------------|
| IN001 | 16A   | Plug                  |
| IN002 | 16A   | Connector             |
| IN003 | 16A   | Surface Mount Socket* |

| Code  | Model | Description        |  |
|-------|-------|--------------------|--|
| IN004 | 16A   | Panel Mount Socket |  |
| IN005 | 16A   | 3-Way Splitter     |  |

110V

**IP44** 









### 240V PLUGS AND SOCKETS

- Earth position 6h
  Pin configuration 2P+E
  Terminal capacity max. 4.0mm<sup>2</sup> per terminal

| Model | Description                     |
|-------|---------------------------------|
| 16A   | Plug                            |
| 32A   | Plug                            |
| 16A   | Connector                       |
| 32A   | Connector                       |
| 16A   | Surface Mount Socket*           |
| 32A   | Surface Mount Socket*           |
|       | 16A<br>32A<br>16A<br>32A<br>16A |

| Code   | Model | Description          |
|--------|-------|----------------------|
| IN009  | 16A   | Panel Mount Socket   |
| IN0013 | 32A   | Panel Mount Socket   |
| IN0021 | 16A   | Surface Mount Inlet* |
| IN0022 | 32A   | Surface Mount Inlet* |
| IN0010 | 16A   | 3-Way Splitter       |

240V

**IP44** 

\*Includes PG21 to M20 adapter







415V

IP44

### 415V PLUGS AND SOCKETS

Code

IN0014

Earth position - 6h
Pin configuration - 3P+N+E

Model

16A

Terminal capacity - max. 4.0mm<sup>2</sup> per terminal

| Code   | Model | Description           |
|--------|-------|-----------------------|
| IN0020 | 32A   | Surface Mount Socket* |
| IN0017 | 16A   | Panel Mount Socket    |
| IN0018 | 32A   | Panel Mount Socket    |

|        |     | 5                     |
|--------|-----|-----------------------|
| IN0016 | 32A | Plug                  |
| IN0015 | 16A | Connector             |
| IN0019 | 16A | Surface Mount Socket* |
|        |     |                       |

Plug

Description







### **ROTARY ISOLATORS**

- 230-415V
- Insulated 4P AC
- Modern rotary switch operation
- M20/M25 cable entries
- · Interlocking lid ensures removal in OFF position only
- · Handle can be padlocked for safety (padlock not included)

| Code   | Model |
|--------|-------|
| IN0025 | 20A   |
| IN0026 | 32A   |
| IN0027 | 63A   |



\*Includes PG21 to M20 adapter



### PLUG-IN WIRELESS DOOR CHIMES

- IP44 bell push (CR2032 cell battery included)
- Plug-in mains powered receiver
- 36 polyphonic chimes with flash option
- Frequency: 315/433MHz
- 80m range (dependent on environment)

| Code  | Description |
|-------|-------------|
| DC002 | Black       |
| DC003 | White       |





### WIRELESS DOOR CHIME

- IP44 bell push (CR2032 cell battery included)
- Battery powered receiver (batteries not included)
- 36 polyphonic chimes with flash option
- Frequency: 315/433MHz
- 200m range (dependent on environment)

| Code  | Description |
|-------|-------------|
| DC001 | Black       |



### WIRELESS PIR ACTIVATED DOOR CHIME

- Wall or ceiling mountable PIR (batteries not included)
- Battery powered receiver (batteries not included)
- · 36 polyphonic chimes with flash option
- Frequency: 315/433MHz
- 80m range (dependent on environment)
- Up to 8m range PIR

| Code  | Description |
|-------|-------------|
| DC006 | White       |







### PLUG-IN DUAL ENTRANCE WIRELESS DOOR CHIME

- IP44 rated bell push x 2
- (2 x CR2032 cell batteries included)
- Plug-in mains powered receiver
- 2 Door chime sounds 1 for each bell push
- Frequency: 315/433MHz
- 100m range (dependent on environment)

| Code | Description |
|------|-------------|
|------|-------------|

| DC007 | White |
|-------|-------|
|       |       |

White







### LED EXTRACTOR FAN

- Ideal solution for removing damp moist air, odours, and airborne pollutants from kitchens, toilets, and bathrooms
- · Designed to be installed into walls and ceilings
- Modern design with built-in LED array, easy to wipe clean and convenient to duct over short lengths (2m max.)
- 100mm 4" size
- Profile depth of 40mm

| Code   | Model                   |
|--------|-------------------------|
| EX003T | White                   |
| EX004T | Stainless Steel / Black |

- Built-in LED array
- Built-in overrun timer 2-30 mins
- Low noise level of just 35dBA @ 3m
- Extraction rate of 90m<sup>3</sup>/hr
- LED lighting effect during activation
- SFP: 0.52
- Compliant with latest Building Regulations (Part F)

| Code   | Model   |     |
|--------|---|-----|
| EX004H | Stainless Steel / Black<br>with Humidistat Function | NEW |
| EX005T | Black   | NEW |



### EXTRACTOR FAN

- Ideal solution for removing damp moist air, odours, and airborne pollutants from kitchens, utility rooms, and bathrooms
- Designed to be installed into walls and ceilings
- Slim profile, compact, attractively styled, easy to wipe clean and convenient to duct over short lengths
- 100mm 4" size
- Profile depth 22mm
- Built-in overrun timer 2-30 mins
- Low noise level of just 35dBA @ 3m
- Extraction rate of 90m<sup>3</sup>/hr
- Compliant with latest Building Regulations (Part F) & (Part L)
- SFP: 0.44

Code





EX001T 4" Fan with Timer

### ALUMINIUM DUCTING KIT

- 3m of expandable aluminium ducting
- Kit includes 2 x jubilee clips

| Code    | Model |
|---------|-------|
| EX4DUCT | 4"    |





### **GRAVITY SHUTTERS**

Code

EX007B

EX007W

- Ideal fuss-free solution when you need to install ventilation in internal/external walls. Suitable for use with round ducting
- · Prevents backdraught air and rain penetration

Model

4"

4"

Prevents objects or vermin entering when the ventilation is not in operation

Description

Black

White





### FIXED GRILLES

- Ideal fuss-free solution when you need to install ventilation in internal/external walls. Suitable for use with round ducting
- · Louvred vent with integral fly screen to keep insects out
- Removeable front grilles allowing access for maintenance and cleaning of the fly screen

| Code   | Model | Description |
|--------|-------|-------------|
| EX009B | 4"    | Black       |
| EX009W | 4"    | White       |

| DITIONAL |          |  |
|----------|----------|--|
| DITIONAL | HARDWARE |  |



# SMART HOME

Smart lighting and wiring accessories that are easy to control via the SmartKnight app

| Smart Switched Socket   | 164     |
|---|---------|
| Smart Plug / Smart Extension Lead / Smart Outdoor Socket              | 165     |
| Smart LED Fire-Rated Downlights / Smart Sensors                       | 166-167 |
| Smart RGBW + CCT Adjustable Downlights<br>/ Smart LED Flex Controller | 168     |
| Smart CCT Adjustable LED Panel Downlights                             | 169     |

# Welcome to the affordable world



With Knightsbridge, creating a smart home couldn't be simpler!

Our SmartKnight app enables users to control their appliances via their smartphone, including on/off, dimming, colour adjustment, and much more.

Please refer to the individual product listings within this section, or our website, for full details on what each smart product is capable of.



## EASY INSTALL AND SETUP



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Add Device



Our smart products are designed for easy installation, with features such as push-fit terminals on downlights and retrofit capabilities on smart sockets

# new, of **Smart Home**

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### NO HUB REQUIRED

Products connect directly via Wi-Fi enabling global remote access.

No space and money wasted on additional hubs / gateway devices



### **TIMERS** Set up schedules within the home, using the timer

using the timer function to automate when devices turn on/off.



VOICE CONTROL Voice control

works with Hey Google or Amazon Alexa



**GEOFENCING** Never come home to darkness; set up lights to automatically turn on/off based on your GPS location



### SCENES Utilise preset scenes such as 'Movie', or create your own.



SECURITY Instant security alerts to your mobile device



Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.



Google is a trademark of Google LLC.



ARRIVING

### 13A 2G SMART SWITCHED SOCKET

- Control up to 2 appliances
- Manually override by using the switches on the socket
- Power monitoring function
- Minimum mounting box depth: 25-35mm (dependent on wiring conditions)
- Moulded square edge design

# Code Model SN9KW 2G Switched Socket NEW





### IP66 2G SMART OUTDOOR SWITCHED SOCKET

- Controls up to 2 outdoor appliances
- Manually override by using the switch on the socket
- Rugged outdoor enclosure
- Range: 20m-40m (depending on Wi-Fi signal coverage)



| Code  | Model                           |  |
|-------|---------------------------------|--|
| OP9KW | IP66 2G Outdoor Switched Socket |  |



# .... II

10A 3G SMART EXTENSION LEAD WITH QUAD USB CHARGER Control up to 3 appliances and the quad USB charger block

Manually override by using the switch

on the extension lead

Surge protected

1.5m cable

### **16A SMART PLUG**

- Controls 1 appliance
- Manually override by using the switch on the plug
- Power monitoring function
- Compact design

| Code  | Model      |     |
|-------|------------|-----|
| 1GAKW | Smart Plug | NEW |



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| Code | Model                |     | ARRIVING |
|------|----------------------|-----|----------|
| 3GKW | Smart Extension Lead | NEW | Q4 2020  |



iiiiii

### SMART FIRE-RATED LED DOWNLIGHTS

- Both models: Adjust the colour temperature from warm white to cool white and everything in between (3000K – 5000K)
- RW6KRGBW only: Adjust the RGB colour, with over 16 million colour options
- Fire rated to 30, 60, 90 minutes

Construction: Aluminium & Steel Driver: Included Lamp type: LED Beam angle: 40°

| Beam angle: 4 | .0°       |                      |      |               |     | FOR BEZEL<br>OPTIONS SEE |
|---------------|-----------|----------------------|------|---------------|-----|--------------------------|
| Cut-out ø     | Overall ø | Minimum Void         | (mm) |               |     | PAGES 186-187            |
| 72            | 85        | 121                  |      |               |     |                          |
| Code          | Wattage   | Colour               | Lum  | iens          |     |                          |
| RW6KW         | 6W        | CCT adjustable       | 510  | lm (at 3000K) | NEW |                          |
|               |           | • •                  |      |               |     |                          |
| RW6KRGBW      | 6W        | RBG + CCT adjustable | 440  | lm (at 3000K) | NEW |                          |



### EASY INSTALLATION

No gateway product required – connects via Wi-Fi and SmartKnight app

### LOWER POWER CONSUMPTION

Battery life of up to 1 year based on 20 activations per day

### **SECURITY & AUTOMATION**

Apply sensor to doors and windows for peace of mind. 24/7 push notifications on a door or window breach. Combine with other products to turn on a light when activated

### MONITORING

Use sensors to monitor a household's activities i.e. Front door opened/closed @ 16:00pm.

### SMART MOTION SENSOR

- Compact size just 64 x 64 x 30mm for discreet positioning
- Detects motion up to 4.5m distance with a detection angle of 100° when wall-mounted and 90° when ceiling mounted
- Easy Installation: simply mount to wall or ceiling with the magnetic mount

### Code Model

**OSMKW** Motion Sensor

NEW

### SMART ENTRY SENSOR

- Compact size for discreet positioning around door and window frames
- Simple do-it-yourself installation, with adhesive pads (included)

| Code  | Model        |     |
|-------|--------------|-----|
| OSEKW | Entry Sensor | NEW |



### SMART RGBW + CCT ADJUSTABLE LED DOWNLIGHT

- Adjust the colour temperature from warm white to daylight and everything in between (3000K 6500K)
   Adjust the RGB colour, with over 16 million colour options



### SMART LED FLEX CONTROLLER

- · Compatible with single colour, CCT, RGB and RGBW Flex
- Enables users to adjust the colour temperature of their LED Flex, via the Smartknight app
- · RGB and RGBW LED Flex only: Enables users to adjust the RGB colour via the Smartknight app

| Code     | Model   |
|----------|---------|
| LEDFWIFI | 12V/24V |

NEW



CETOR

228-242 for full LED Flex





### SMART CCT ADJUSTABLE LED PANEL DOWNLIGHTS

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 Adjust the colour temperature from warm white to daylight and everything in between (3000K – 6000K)

Construction: Polycarbonate Driver: Included Lamp type: LED

### FLEXIBLE MOUNTING SURFACE OR RECESS MOUNTED (on ceilings and walls)

### LOW PROFILE 15mm

| Minimum Vo   | id (m   | m)              |                 |                |   |     |
|--------------|---------|-----------------|-----------------|----------------|---|-----|
| Code         | Wattage | Overall ø       | Min/Max Cut-out | Colour         | Lumens                                  |     |
| CPL18WCT     | 18W     | 217mm           | 55 – 175mm      | CCT adjustable | 1100 – 1400lm                           | NEW |
| CPL24WCT     | 24W     | 290mm           | 55 – 250mm      | CCT adjustable | 1700 – 2100lm                           | NEW |
| 230V<br>50Hz | IP20    | VIA APP<br>ONLY |                 |                | For bezel<br>options<br>see page<br>311 | C   |



# DOMESTIC INTERIOR

Downlights ideal for domestic spaces, like living rooms, kitchens, and bathrooms. This diverse range includes Smart and Fire-Rated integral LED options

### Recessed Downlights

| Fixed Downlights / Tilt Downlights / Eyeball Downlights                          | 172-173 |
|--|---------|
| Twist and Lock Downlights / Swivel and Scoop Downlights /<br>Bathroom Downlights | 174-175 |
| Hole Converter kits / Fire hood / LED Emergency Pack                             | 176     |
| Fire-Rated Downlights  |         |
| GU10 Fixed, Tilt, and IP65 Downlights  | 178-179 |
| GU10 IC Fixed, Tilt and IP65 Downlights add / Bezels / Hol<br>Converters         | 180-181 |
| Evolve IC Fixed and Tilt Downlights  | 182-183 |
| Fire-Rated LED Downlights  |         |
| 5W LED Downlights and Bezels   | 185     |
| 6W LED Downlights / 6W Smart LED Downlight                                       | 186-187 |
| 8W Valknight LED Fixed and Tilt Downlights                                       | 188-189 |
| 8W Proknight LED Fixed and Tilt Downlights                                       | 190-191 |
| 7W Fireknight LED Fixed and Tilt Downlights                                      | 192-193 |
|  |         |

# **K** RECESSED DOWNLIGHTS

### FIXED DOWNLIGHTS Construction: Pressed steel Driver / Transformer: Required Lamp type: MR16







| Cut-out Ø | Overall Ø | Minimum Void | Recessed Dep | th             | (mm) |
|-----------|-----------|--------------|--------------|----------------|------|
| 58        | 80        | 110          | 92           |                |      |
| Code      | Finish    |              | Code         | Finish         |      |
| L02B1     | Brass     |              | L02CBR1      | Brushed Chrome |      |
| L02BK1    | Black     |              | L02W1        | White          |      |
| L02C1     | Chrome    |              |              |                |      |

### TILT DOWNLIGHTS

Construction: Pressed steel Driver / Transformer: Required Tilt Angle: 15° Lamp type: MR16









| Cut-out Ø | Overall Ø      | Minimum Void | Recessed Depth | (mm) |
|-----------|----------------|--------------|----------------|------|
| 75        | 105            | 120          | 70             |      |
| Code      | Finish         |              | Code Finish    |      |
| LG06C     | Chrome         |              | LG06W White    |      |
| LG06CBR   | Brushed Chrome |              |                |      |

### Ж RECESSED DOWNLIGHTS



LE04C1 Chrome

| FIXED DOWNLIGHTS               |  |  |  |
|--------------------------------|--|--|--|
| Construction: Pressed steel    |  |  |  |
| Driver / Transformer: Required |  |  |  |
| Lamp type: MR11 (35W max.)     |  |  |  |









| Cut-out Ø | Overall Ø      | Minimum Void | Recessed Depth | (mm) |
|-----------|----------------|--------------|----------------|------|
| 42        | 60             | 120          | 70             |      |
| Code      | Finish         |              | Code Finish    |      |
| L01C      | Chrome         |              | L01W White     |      |
| L01CBR    | Brushed Chrome |              |                |      |

# **K** RECESSED DOWNLIGHTS

### FIXED TWIST & LOCK DOWNLIGHTS

Construction: Die-cast aluminium Driver: Driver / Transformer: Required for MR16 only Lamp type: GU10 LED / MR16







| Cut-out Ø | Overall Ø | Minimum Void | Recessed Dep | oth            | (mm) |
|-----------|-----------|--------------|--------------|----------------|------|
| 70        | 79        | 140          | 90           |                |      |
| Code      | Finish    |              | Code         | Finish         |      |
| RD1B      | Brass     |              | RD1CBR       | Brushed Chrome |      |
| RD1C      | Chrome    |              | RD1W         | White          |      |

### TILT TWIST & LOCK DOWNLIGHTS

Construction: Die-cast aluminium Driver: Driver / Transformer: Required for MR16 only Tilt Angle: 25° Lamp type: GU10 LED / MR16







| Cut-out Ø | Overall Ø | Minimum Void | Recessed Depth       | (mm) |
|-----------|-----------|--------------|----------------------|------|
| 80        | 94        | 150          | 100                  |      |
| Code      | Finish    |              | Code Finish          |      |
| RD2B      | Brass     |              | RD2CBR Brushed Chrom | e    |
| RD2C      | Chrome    |              | RD2W White           |      |

### SWIVEL & SCOOP DOWNLIGHTS

Construction: Die-cast aluminium Driver / Transformer: Required Tilt Angle: 80° Lamp type: MR16





| Cut-out Ø | Overall Ø | Minimum Void | Recessed Depth | (mm) |
|-----------|-----------|--------------|----------------|------|
| 110       | 129       | 130          | 78             |      |
| Code      | Finish    |              | Code Finish    |      |
| SWS01C    | Chrome    |              | SWS01W White   |      |

### BATHROOM DOWNLIGHTS

Construction: Die-cast aluminium Driver: Not Required Lamp type: GU10 LED







| Cut-out Ø | Overall Ø      | Minimum Void | Recessed Depth | (mm)            |
|-----------|----------------|--------------|----------------|-----------------|
| 64        | 84             | 140          | 90             |                 |
| Code      | Finish         |              |                | For lamps,      |
| RDSHC     | Chrome         |              |                | see page<br>369 |
| RDSHCBR   | Brushed Chrome |              |                | 307             |
| RDSHW     | White          |              |                |                 |

## **K** RECESSED DOWNLIGHTS

### HOLE CONVERTER KITS

• Complete with MR16 and GU10 LED lampholders and bridge



| Cut-out Ø | Overall Ø      | (mm) |
|-----------|----------------|------|
| 78 to 120 | 140            |      |
| Code      | Finish         |      |
| HCBC      | Brushed Chrome |      |
| HCC       | Chrome         |      |
| HCW       | White          |      |



### FIRE HOOD

- Made with breathable intumescent material
- Allows heat from the lamp to be dissipated preventing the terminal block and downlight from overheating
- The fire hood is flexible and light and can be used in plasterboard, concrete, or suspended ceilings
- 60 minute rated

| Height | Overall Ø | (mm) |
|--------|-----------|------|
| 150    | 150       |      |
| Code   | Finish    |      |
| FR150  | White     |      |



### LED EMERGENCY PACK

- Pre-wired with easy-fix connectors and LED charge indicator
- For maintained and non-maintained use

Construction: Polycarbonate Lamp type: GU10 LED (6W max.)

| Cut-out Ø |        | (mm) |
|-----------|--------|------|
| 55        |        |      |
| Code      | Finish |      |
| EMGUKIT1  | White  |      |







### WHAT DOES IC RATED MEAN?

As building regulations (L1 A & B) become ever more focused on energy efficiency and energy saving, they have impacted the traditional products installed into UK homes. Loft spaces were recognised as an area for heat loss, even more so when several holes for downlights were cut into the ceiling.

Building regulations Part L1A and L1B state: 'The building fabric should be constructed so that there is no reasonably avoidable thermal bridges in the insulation laver'. This means that where possible the insulation layer should lay un-broken to prevent heat loss, which causes issues for traditional halogen downlights in several ways.

Latest standards now require homes to be compliant both in energy efficiency and energy saving and the modern downlight has had to adapt. Traditionally a downlight causes many issues, cutting a hole to install compromises the fire barrier of the ceiling and acoustic rating but also causes an increase in heat loss and moisture transfer to the ceiling void. Added to this, manufacturer's recommendations would be to remove the insulation layer away from the immediate area around and above the downlight allowing it to dissipate heat build-up and



to remove any possible fire hazard due to debris. Doing so creates thermal bridges, where lower thermal resistance allows heat to escape.

Most fire-rated downlights address the issues to reinstate the fire barrier, acoustic rating and moisture transfer, however the heat loss remains an issue as most are not able to be covered with insulation. To do so would allow the heat generated by the lamp to be trapped by the insulation causing early lamp failure and potential discolouration of the downlight and the ceiling around it.

Knightsbridge® Insulation contact (IC) rated products take this one step further. Without a requirement for additional accessories, these innovative products allow glass or rock mineral wool insulation to be laid, without gaps, directly over the downlight. Its construction allows heat to dissipate through the ventilated body whilst maintaining the structural integrity of the ceiling and not contravening building regulations.

> **Building regulations Part L1A** and L1B state that..."The building fabric should be constructed so that there is no reasonably avoidable thermal bridges in the insulation layer"



### FIXED GU10 DOWNLIGHTS

Construction: Pressed steel Driver: Not Required Lamp type: GU10 LED



- Fast-fix installation
- Supplied with bezel which can be easily removed for decorating / painting
- Available in Fixed, Tilt, and IP65 options, and comes in a choice of popular finishes
- Product includes screwless terminal block; tool-free installation; loop in / loop out, fast-fix fitting
- Tested to 30/60/90mins solid wood Joists

| Cut-out Ø | Overall Ø      | Minimum Void | Recessed Depth | (mm)       |
|-----------|----------------|--------------|----------------|------------|
| 65        | 85             | 126          | 100            |            |
| Code      | Finish         |              |                | $\bigcirc$ |
| VFCFBC    | Brushed Chrome | NEW          | 50Hz           |            |
| VFCFC     | Chrome         | NEW          |                |            |
| VFCFW     | White          | NEW          |                |            |

#### TILT GU10 DOWNLIGHTS

Construction: Pressed steel Driver: Not Required Lamp type: GU10 LED Tilt: 15°





#### IP65 GU10 DOWNLIGHTS

Construction: Pressed steel Driver: Not Required Lamp type: GU10 LED





| Cut-out Ø | Overall Ø      | Minimum Void | Recessed Depth | (mr       |
|-----------|----------------|--------------|----------------|-----------|
| 69        | 84             | 142          | 117            |           |
| Code      | Finish         |              | 230V IP65 3    | $\bigcap$ |
| VFCFIPBC  | Brushed Chrome | NEW          | 50Hz           |           |
| VFCFIPC   | Chrome         | NEW          |                |           |
| VFCFIPW   | White          | NEW          | Enr            | ami       |



see page 369



#### TILT GU10 IC DOWNLIGHTS

VFRDGICCBR Brushed Chrome

White

VFRDGICW

Construction: Pressed steel & aluminium Driver: Not required Lamp type: GU10 LED Tilt: 15°



| Cut-out Ø  | Overall Ø      | Minimum Void | Recessed Depth | (mm)  |
|------------|----------------|--------------|----------------|-------|
| 84         | 101            | 160          | 105            |       |
| Code       | Finish         |              |                |       |
| VFRSGICB   | Brass          |              | 50Hz           | RATED |
| VFRSGICC   | Chrome         |              |                |       |
| VFRSGICCBR | Brushed Chrome |              |                |       |
| VFRSGICW   | White          |              |                |       |

\*With mineral wool style insulation only, please see page 177 and product instructions for more information



#### GU10 IC SHOWER DOWNLIGHTS

Construction: Pressed steel & aluminium Driver: Not required Lamp type: GU10 LED





| Cut-out Ø   | Overall Ø      | Minimum Void | Recessed Depth  | (mm)            |
|-------------|----------------|--------------|---|-----------------|
| 70          | 87             | 175          | 118   |                 |
| Code        | Finish         |              | 230V IP65   |                 |
| VFRSHGICB   | Brass          |              | 50Hz IP65   |                 |
| VFRSHGICC   | Chrome         |              |   |                 |
| VFRSHGICCBR | Brushed Chrome |              |   |                 |
| VFRSHGICW   | White          |              |   | For lamps,      |
|             |                |              | (The second s | see page<br>369 |

\*With mineral wool style insulation only, please see page 177 and product instructaions for more information

- 230V 50W max. fire-rated downlight can
- Compatible with all standard GU10 LED lamps
- EASY-fix loop in / loop out screwless terminal
- Dimmable subject to light source
- Interchangeable tilt and fixed bezels

#### EVOLVE IC FIXED STANDARD CAN

Construction: Pressed steel Driver: Not required Lamp type: GU10 LED



(Shown with bezel - bezel not included)

| Cut-out Ø | Overall Ø | Minimum Void | Recessed Depth | (mm)  |
|-----------|-----------|--------------|----------------|-------|
| 68        | 82        | 170          | 119            |       |
| Code      | Finish    |              |                | IC*   |
| EVOICF    | Black     |              | 50Hz           | RATED |





#### EVOLVE FIXED BEZELS

| Code   | Finish         |
|--------|----------------|
| EVOABF | Antique Brass  |
| EVOBCF | Brushed Chrome |
| EVOBKF | Black          |
| EVOBRF | Brass          |
| EVOCHF | Chrome         |
| EVOGMF | Gunmetal       |
| EVOWHF | White          |



#### EVOLVE HOLE CONVERTERS

**Construction:** Pressed steel Compatible with EVOICF fixed downlights

| Overall Ø | Cut-out Box    | (mm) |
|-----------|----------------|------|
| 180       | 80-135         |      |
| Code      | Finish         |      |
| EVOCBC    | Brushed Chrome |      |
| EVOCC     | Chrome         |      |
| EVOCW     | White          |      |

#### EVOLVE IP65 BEZELS

| Code    | Finish         | ( |
|---------|----------------|---|
| EVOIPBC | Brushed Chrome |   |
| EVOIPCH | Chrome         |   |
| EVOIPWH | White          |   |



\*With mineral wool style insulation only, please see page 177 and product instructions for more information



#### EVOLVE IC TILT DOWNLIGHT

Construction: Pressed steel Driver: Not required Lamp type: GU10 LED

| Cut-out Ø | Overall Ø | Minimum Void | Recessed Depth | (mm)  |
|-----------|-----------|--------------|----------------|-------|
| 80        | 90        | 170          | 119            |       |
| Code      | Finish    |              |                |       |
| EVOICT    | Black     |              | 50Hz           | RATED |



#### EVOLVE TILT BEZELS

Overall Ø

| 0 | 0 |
|---|---|
| 7 | υ |
|   |   |

| Code   | Finish         |
|--------|----------------|
| EVOABT | Antique Brass  |
| EVOBCT | Brushed Chrome |
| EVOBKT | Black          |
| EVOBRT | Brass          |

| Code   | Finish    |
|--------|-----------|
| EVOCHT | Chrome    |
| EVOGMT | Gun Metal |
| EVOWHT | White     |



\*With mineral wool style insulation only, please see page 177 and product instructions for more information



#### 184 DOWNLIGHTS

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#### **5W INTEGRATED** LED DOWNLIGHTS

- Push-fit terminals with loop-in / loop-out for easy wiring
- Fire tested to 30, 60 and 90 minutes
- Supplied with white bezel as standard

Construction: Pressed Steel Driver: Integral Lamp type: LED

| Cut-out Ø | Overall Ø | Minimum Voi | d (mm) | )      |     |     |
|-----------|-----------|-------------|--------|--------|-----|-----|
| 55        | 84        | 100         |        |        |     |     |
| Code      | Wattage   | Colour      | ССТ    | Lumens |     | 10L |
| CFR5WW    | 5W        | Warm White  | 3000K  | 570lm  | NEW |     |
| CFR5CW    | 5W        | Cool White  | 4000K  | 570lm  | NEW |     |
|           |           |             |        |        |     |     |

230V 50Hz









#### BEZELS

Construction: ABS

| Code  | Finish          |     |
|-------|-----------------|-----|
| CFRB  | Brass           | NEW |
| CFRBC | Brushed Chrome  | NEW |
| CFRPC | Polished Chrome | NEW |



87

#### **6W INTEGRATED LED DOWNLIGHTS**

- Tested to 30, 60 and 90 minutes fire-rated ceilings
- IP65 as standardSupplied with white bezel as standard

Construction: Aluminium & Polycarbonate Driver: Integral Lamp type: LED Beam Angle: 40°

LOOP-IN/LOOP OUT WITH PUSH-FIT TERMINALS



#### CCT ADJUSTABLE DOWNLIGHT RW6CCT

Switch between 3 colour temperatures at the flick of a switch or push dimmer (memory function included)

WARM WHITE Also available on: RW6WW, RW6DTW

Also available on: RW6CW

(mm)

| Cut-out Ø              | Overall Ø     | Minimum Void   | (mm)                  |                       |
|------------------------|---------------|----------------|-----------------------|-----------------------|
| 72                     | 85            | 120            |                       |                       |
| Code                   | Wattage       | Colour         | ССТ                   | Lumens                |
| RW6WW                  | 6W            | Warm White     | 3000K                 | 595lm                 |
| RW6CW                  | 6W            | Cool White     | 4000K                 | 690lm                 |
| RW6DTW                 | 6W            | Dim-to-warm    | 2200K to 3000K        | 435lm (at 3000K)      |
| RW6CCT                 | 6W            | CCT Adjustable | 3000K / 4000K / 5000K | 595lm / 695lm / 665lm |
| 230V<br>50Hz           | IP65 (        |                | 5<br>YEAR<br>WARRANTY |                       |
| BEZELS<br>Construction | Pressed Steel |                |                       |                       |
| Code                   | Finish        |                |                       |                       |
| RW6BC                  | Brushed Chro  | ome            |                       |                       |
| RW6C                   | Chrome        |                |                       |                       |

Height

4

Overall Ø

85

RW6MB

RW6MW

Matt Black

Matt White

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troightsd.

ORIVE

#### SMART FIRE-RATED LED DOWNLIGHTS

- Both models: Adjust the colour temperature from warm white to cool white and everything in between (3000K - 5000K)
- RW6KRGBW only: Adjust the RGB colour, with over 16 million colour options
- Fire rated to 30, 60, 90 minutesSupplied with white bezel as standard

Construction: Aluminium & Polycarbonate Driver: Included Lamp type: LED Beam angle: 40°



### VISIT SMARTHOME on pages 164-169

| Cut-out ø | Overall ø | Minimum Void          | (mm)     |          |     |            |      |                 |
|-----------|-----------|-----------------------|----------|----------|-----|------------|------|-----------------|
| 72        | 85        | 120                   |          |          |     | 230V       | IP65 |                 |
| Code      | Wattage   | Colour                | Lumens   |          |     | 50Hz       |      | VIA APP<br>ONLY |
| RW6KW     | 6W        | CCT adjustable        | 510lm (a | t 3000K) | NEW | $\bigcirc$ |      |                 |
| RW6KRGBW  | 6W        | RBGW + CCT adjustable | 440lm (a | t 3000K) | NEW |            |      | RATED           |
| FLAT BEZ  |           | eel                   |          |          |     |            |      |                 |
| Code      | Finish    |                       |          | (        | (   |            |      |                 |
| RW6FBC    | Brushed   | Chrome                |          |          | 1   |            |      |                 |
| RW6FBR    | Brass     |                       |          |          |     |            |      |                 |
| RW6FC     | Chrome    |                       |          |          |     |            |      |                 |
| RW6FMB    | Matt Blac | k                     |          | Height   | 0   | verall Ø   |      | (mm)            |
| RW6FMW    | Matt Whi  | te                    |          | 2.6      | 8   | 5          |      |                 |

\*With mineral wool style insulation only, please see page 177 and product instructions for more information

- IC rated for use under mineral wool insulation (when installed in conjunction with IC\* cage)
- 3 easy-fit coloured bezels are available in chrome, brushed chrome or white finish (not included)
- Complete with IC rated dimmable driver

### VALKNIGHT 8W INTEGRATED LED DOWNLIGHTS

Construction: Die-cast aluminium Driver: Included Lamp type: LED Beam Angle: 40°

| 230V<br>50Hz IP65 Que 5<br>NAMP<br>NAMP |  |
|---|--|
|---|--|

Cut-out Ø Overall Ø Minimum Void **Recessed Depth** (mm) 65 80 100 50 Code Wattage Colour ССТ Lumens VFRIC8WW 8W Warm White 3000K 580lm VFRIC8CW 8W Cool White 4000K 640lm



IC-Rated Cage (code: VFRICC)

90mm



#### BEZELS / IC-RATED CAGE

Construction: Die-cast aluminium IC Rated Cage Construction: Polycarbonate

| Code        | Model          |
|-------------|----------------|
| VFRICBEZC   | Chrome         |
| VFRICBEZCBR | Brushed Chrome |
| VFRICBEZW   | White          |
| VFRICC      | IC-Rated Cage  |



For Hole Converters, see <u>page 193</u>

Bezel not included

\*With mineral wool style insulation only, please see page 177 and product instructions for more information. IC rated with cage only

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### VALKNIGHT 8W INTEGRATED LED TILT DOWNLIGHTS

Construction: Die-cast aluminium Driver: Included Lamp type: LED Beam Angle: 40° Tit: 25°

(Bezel not included)





| Cut-out Ø | Overall Ø | Minimum Void | Recessed D | epth   | (mm) |
|-----------|-----------|--------------|------------|--------|------|
| 75        | 88        | 100          | 55         |        |      |
| Code      | Wattage   | Colour       | ССТ        | Lumens |      |
| VFRIC8TWW | 8W        | Warm White   | 3000K      | 580lm  |      |
|           |           |              |            |        |      |

#### TILT BEZELS / IC-RATED CAGE

Construction: Aluminium IC Rated Cage Construction: Polycarbonate

| Code         | Model          |
|--------------|----------------|
| VFRICTBEZC   | Chrome         |
| VFRICTBEZCBR | Brushed Chrome |
| VFRICTBEZW   | White          |
| VFRICTC      | IC-Rated Cage  |



EMERGENCY LIGHTING ACCESSORIES

Compatible with Tilt and standard Valknight models

Downlight not included



| Code   | Model                                   |
|--------|---|
| VFR7EM | Emergency Conversion Kit                |
| ICEMC  | Emergency Conversion<br>Connector Leads |

\*With mineral wool style insulation only, please see page 177 and product instructions for more information. IC rated with cage only  $% \left( {{{\rm{D}}_{\rm{T}}}} \right)$ 

 Lightweight, low profile model incorporating an aluminium heat sink
 Complete with driver and loop in / loop out screwless terminal block
 Low energy downlights offering a true 'halogen feel'

Low PROFILE Minimum void (97mm)

#### PROKNIGHT 8W INTEGRATED LED DOWNLIGHTS

Construction: Die-cast aluminium Driver: Included Lamp type: CoB LED Beam Angle: 38°



| Cut-out Ø | Overall Ø | Minimum Void |       | Recessed Depth | (mm) |
|-----------|-----------|--------------|-------|----------------|------|
| 64        | 80        | 97           |       | 41             |      |
| Code      | Wattage   | Colour       | ССТ   | Lumens         |      |
| VFR8WW    | 8W        | Warm White   | 2700K | 615lm          |      |
| VFR8CW    | 8W        | Cool White   | 4000K | 690lm          |      |

#### BEZELS

Construction: Die-cast aluminium

| Height     | Overall Ø      | (mm) |
|------------|----------------|------|
| 3.8        | 80             |      |
| Code       | Finish         |      |
| VFR8BEZBL  | Black          |      |
| VFR8BEZBR  | Brass          |      |
| VFR8BEZCBR | Brushed Chrome |      |
| VFR8BEZCH  | Chrome         |      |
| VFR8BEZMW  | Matt White     |      |





- Exclusive range of interchangeable bezels also available
- Compliant with PART B BS476 Part 23 (Fire Safety) 30, 60 & 90 minutes
- Up to 35,000 hours average lamp life
- Supplied without bezel



#### PROKNIGHT 8W INTEGRATED LED TILT DOWNLIGHTS

Construction: Die-cast aluminium & steel Driver: Included Lamp type: CoB LED Beam Angle: 38° Tilt: 25°





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| Cut-out Ø | Overall Ø | Minimum Void | Recessed D | epth   |
|-----------|-----------|--------------|------------|--------|
| 74        | 88        | 97           |            |        |
| Code      | Wattage   | Colour       | ССТ        | Lumens |
| VFR8TWW   | 8W        | Warm White   | 2700K      | 615lm  |
| VFR8TCW   | 8W        | Cool White   | 4000K      | 690lm  |

#### TILT BEZELS

Construction: Die-cast aluminium

| Height      | Overall Ø      | (mm) |
|-------------|----------------|------|
| 3.8         | 88             |      |
| Code        | Finish         |      |
| VFR8TBEZBL  | Black          |      |
| VFR8TBEZBR  | Brass          |      |
| VFR8TBEZCBR | Brushed Chrome |      |
| VFR8TBEZCH  | Chrome         |      |
| VFR8TBEZMW  | Matt White     |      |





#### **EMERGENCY KIT**

| Code   | Finish | 230V | IP20 | $\bigcirc$ | X                    | 3                |  |
|--------|--------|------|------|------------|----------------------|------------------|--|
| VFR7EM | White  | 50Hz |      | $\bigcup$  | LAMP NOT<br>INCLUDED | YEAR<br>WARRANTY |  |

- Low energy downlights offering a true 'halogen feel'
- Supplied with a pre-wired 'plug & play' dimmable LED driver
- All models are fire-rated to 90 mins
- An extended warranty of up to 7 years is available on request\*
- \* Conditions apply. See website for details

### FIREKNIGHT 7W INTEGRATED LED DOWNLIGHTS

- Optional round and square bezels available
- · Supplied with white bezel as standard

**Construction:** Die-cast Aluminium **Beam Angle:** 38°

| Cut-out Ø | Overall Ø | Minimum Void | Recessed | Depth (n | mm) | 230V             | IP65             |
|-----------|-----------|--------------|----------|----------|-----|------------------|------------------|
| 65        | 80        | 110          | 60       |          |     | 50Hz             |                  |
| Code      | Wattage   | Colour       | ССТ      | Lumens   |     | $\bigcirc$       | 7                |
| VFRCOBWW  | 7W        | Warm White   | 3000K    | 545lm    |     | LAMP<br>INCLUDED | YEAR<br>WARRANTY |
| VFRCOBCW  | 7W        | Cool White   | 4000K    | 580lm    |     |                  |                  |

#### ROUND & SQUARE BEZELS





| Code       | Model  | Finish         |
|------------|--------|----------------|
| VFRSBEZBK  | Square | Black          |
| VFRSBEZCBR | Square | Brushed Chrome |
| VFRSBEZCH  | Square | Chrome         |
| VFRSBEZW   | Square | White          |

192

#### FIREKNIGHT 7W INTEGRATED LED TILT DOWNLIGHTS

 Please note, bezels are not interchangeable on Fireknight tilt downlights

Construction: Die-cast Aluminium Beam Angle: 38° Tilt: 25°





| Cut-out Ø | Overall Ø | Minimum Void   | Recessed Dept | :h (mm) | 230V IP20                 |
|-----------|-----------|----------------|---------------|---------|---------------------------|
| 74        | 88        | 106            | 56            |         | 50Hz                      |
|           |           |                |               |         | LAMP<br>INCLUDED VARRANTY |
| Code      | Wattage   | Bezel          | Colour        | ССТ     | Lumens                    |
| VFRCOBWW1 | 7W        | White          | Warm White    | 3000K   | 545lm                     |
| VFRCOBWW2 | 7W        | Chrome         | Warm White    | 3000K   | 545lm                     |
| VFRCOBWW3 | 7W        | Brushed Chrome | Warm White    | 3000K   | 545lm                     |

| VFRCOBCW1 | 7W | White          | Cool White | 4000K | 580lm |
|-----------|----|----------------|------------|-------|-------|
| VFRCOBCW2 | 7W | Chrome         | Cool White | 4000K | 580lm |
| VFRCOBCW3 | 7W | Brushed Chrome | Cool White | 4000K | 580lm |

#### EMERGENCY KIT

#### HOLE CONVERTERS

- Enables fixed downlights to be used in 65mm-130mm cut-outs
- Lamps not included with hole converters

#### Construction: Pressed Steel

| Height | Cut-out Ø    | Overall Ø | (mm) |
|--------|--------------|-----------|------|
| 6.5    | 65 - 130     | 180       |      |
| Code   | Finish       |           |      |
| VFRCBC | Brushed Chro | ome       |      |
| VFRCC  | Chrome       |           |      |
| VFRCW  | White        |           |      |



Suitable for fixed versions only



### DOMESTIC INTERIOR CEILING & WALL LIGHTS

Decorative ceiling, track, and wall lighting designed to enhance living spaces

| Ce | iling Lights                                 |         |
|----|--|---------|
|    | Spotlights                                   | 196-199 |
|    | Track Spotlights                             | 200-201 |
|    | LED Track Spotlights                         | 202     |
|    | Track and Accessories                        | 203     |
|    |  |         |
| Wa | all Lights                                   |         |
|    | Up/Down Wall Lights                          | 204     |
|    | LED Plinth Lights / LED Recessed Wall Lights | 205     |
|    |  |         |

#### SINGLE SPOTLIGHT

Suitable for wall or ceiling mounting

Construction: Steel Lamp type: GU10 LED

| Base Ø   | Projection     | (mm) |
|----------|----------------|------|
| 80       | 110            |      |
| Code     | Finish         |      |
| NSPGU1BC | Brushed Chrome |      |
| NSPGU1C  | Chrome         |      |
| NSPGU1W  | White          |      |







#### DOUBLE SPOTLIGHT

Construction: Steel Lamp Type: GU10 LED

| Base Ø           | Width                   | Projection | (mm) |
|------------------|-------------------------|------------|------|
| 90               | 360                     | 135        |      |
|                  |                         |            |      |
| Code             | Finish                  |            |      |
| Code<br>NSPGU2BC | Finish<br>Brushed Chror | ne         |      |



#### TRIPLE SPOTLIGHT



#### QUAD SPOTLIGHT

Construction: Steel Lamp Type: GU10 LED

| Base Ø | Width | Projection | (mm) | Code     | Finish         |
|--------|-------|------------|------|----------|----------------|
| 90     | 765   | 135        |      | NSPGU4BC | Brushed Chrome |
|        |       |            |      | NSPGU4C  | Chrome         |





#### SINGLE SPOTLIGHT

• Can be wall mounted

Construction: Stainless Steel Lamp type: GU10 LED

| Width | Projection | Length | (mm) |  |
|-------|------------|--------|------|--|
| 80    | 186        | 120    |      |  |
| Code  | Finish     |        |      |  |
| NSP1C | Chrome     |        |      |  |



#### TRIPLE SPOTLIGHT

Construction: Stainless Steel Lamp type: GU10 LED



#### QUAD SPOTLIGHT

Construction: Stainless Steel Lamp type: GU10 LED





#### TRKSP1 Construction: Aluminium Lamp type: GU10 LED

| Height   | Width        | Projection | Length | (mm) |
|----------|--------------|------------|--------|------|
| 142      | 32           | 128        | 50     |      |
| Code     | Finish       |            |        |      |
| TRKSP1BC | Brushed Chro | ome        |        |      |
| TRKSP1BK | Black        |            |        |      |
| TRKSP1W  | White        |            |        |      |

#### TRACK LIGHTING

#### TRKSP2

Construction: Aluminium Lamp type: GU10 LED

| Height | Ove | rall Ø  | Projection | Length | (mm) |
|--------|-----|---------|------------|--------|------|
| 145    | 34  |         | 131        | 50     |      |
| Code   |     | Finish  |            |        |      |
| TRKSP2 | вс  | Brushed | Chrome     |        |      |
| TRKSP2 | BK  | Black   |            |        |      |
| TRKSP2 | W   | White   |            |        |      |



#### TRKSP3

Construction: Aluminium Lamp type: GU10 LED

| Height   | Overall Ø | Projection | Length | (mm) |
|----------|-----------|------------|--------|------|
| 144      | 35        | 130        | 50     |      |
| Code     | Finish    |            |        |      |
| TRKSP3BC | Brushed   | Chrome     |        |      |
| TRKSP3BK | Black     |            |        |      |
| TRKSP3W  | White     |            |        |      |



#### TRKSP4

Construction: Aluminium Lamp type: GU10 LED

| Height   | Overall Ø      | Projection | Length | (mm) |
|----------|----------------|------------|--------|------|
| 170      | 58             | 155        | 105    |      |
| Code     | Finish         |            |        |      |
| TRKSP4BC | Brushed Chrome |            |        |      |
| TRKSP4BK | Black          |            |        |      |
| TRKSP4W  | White          |            |        |      |

#### TRKSP5

Construction: Zinc Alloy Lamp type: GU10 LED

| Height     | Overall Ø | Projection | Length | (mm) |
|------------|-----------|------------|--------|------|
| 175        | 56        | 160        | 75     |      |
| <b>0</b> 1 | <b>-</b>  |            |        |      |

| Code     | Finish         |
|----------|----------------|
| TRKSP5BC | Brushed Chrome |
| TRKSP5BK | Black          |
| TRKSP5W  | White          |

#### TRKSP6

Construction: Aluminium & Glass Lamp type: G9 LED

| Height | Overall Ø | Projection | Length | (mm) |
|--------|-----------|------------|--------|------|
| 179    | 60        | 164        | 82     |      |

| Code     | Finish         |
|----------|----------------|
| TRKSP6BC | Brushed Chrome |
| TRKSP6BK | Black          |
| TRKSP6W  | White          |

#### TRKSP8

Construction: Aluminium Lamp type: GU10 LED

| Height | Overall Ø | Projection | Length | (mm) |
|--------|-----------|------------|--------|------|
| 176    | 56        | 163        | 81     |      |

| Code     | Finish         |     |
|----------|----------------|-----|
| TRKSP8BC | Brushed Chrome | NEW |
| TRKSP8B  | Black          | NEW |
| TRKSP8W  | White          | NEW |



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#### LED TRACK SPOTLIGHTS

- Integral LED directional tracklights
- Dimmable with most trailing-edge dimmers
- 350° rotation, 80° tilt, and 45° beam angle
- Reflector accessories available for 24° beam angle
- Tracklights require track for power source

Construction: Die-Cast Aluminium Driver: Integral Lamp type: CoB LED

| Height     | Overall Ø   | Projection L | ength (mm)  |              |          |
|------------|-------------|--------------|-------------|--------------|----------|
| 154        | 55          | 142 8        | 0           |              |          |
| Code       | Wattage     | Finish       | Colo        | our CCT      | Lumens   |
| TRKSP7BCWV | <b>V</b> 9W | Brushed      | Chrome War  | m White 3000 | )k 720lm |
| TRKSP7BWW  | 9W          | Black        | War         | m White 3000 | )k 720lm |
| TRKSP7WWW  | 9W          | White        | War         | m White 3000 | )k 720lm |
| TRKSP7BCCW | 9W          | Brushed      | Chrome Cool | l White 4000 | )k 790lm |
| TRKSP7BCW  | 9W          | Black        | Cool        | l White 4000 | )k 790lm |
| TRKSP7WCW  | 9W          | White        | Cool        | l White 4000 | )k 790lm |
| TRKSP7R    | 24° Degree  | Reflector    |             |              |          |



2 CEILING & WALL LIGHTS

To indicate preferred finish, replace xx on code with S (Satin Nickel), BK (Black), or W (White)

#### 230V 16A SINGLE CIRCUIT TRACK

| Code    | Length |
|---------|--------|
| TRK1Mxx | 1m     |
| TRK2Mxx | 2m     |
| TRK3Mxx | 3m     |





| Code    | Length                |
|---------|-----------------------|
| TRKCxx  | Track Connector       |
| TRKDExx | Dead End Cap          |
| TRKFCxx | Flexible Connector    |
| TRKLCxx | Inline Connector      |
| TRKPFxx | Power Feed            |
| TRKRAxx | Right Angle Connector |
| TRKTxx  | T-Connector           |
| TRKXxx  | X-Connector           |



#### TRACK ADAPTOR

| Code    | Length  |
|---------|---------|
| TRKADxx | Track A |







#### UP/DOWN WALL LIGHTS

• Lamp colours can be changed to add colour and ambience as required

Construction: Stainless Steel Lamp type: GU10 LED



| Code     | Model   | Height | Overall Ø | Width | Projection | Base              |
|----------|---------|--------|-----------|-------|------------|-------------------|
| NH0183BD | Tubular | 161mm  | 60mm      | -     | 85mm       | Ø 78mm            |
| NH0184SQ | Square  | 161mm  | -         | 60mm  | 99mm       | W: 60mm x H: 60mm |

#### LED PLINTH LIGHTS

- Ideal for placement in staircases
- Fits standard UK steel back boxes and dry lining boxes
- Minimum mounting depth: 25mm
- Cool white 4000K

#### Construction: Stainless Steel Lamp type: LED

|        | and the second second |            |      |
|--------|-----------------------|------------|------|
| Height | Width                 | Projection | (mm) |
| 87.5   | 87.5                  | 4.3        |      |
| Code   | Finish                |            |      |
| SFPLBC | Brush                 | ed Chrome  | NEW  |
| SFPLMW | Matt V                | Vhite      | NEW  |
|        |                       |            |      |

#### LED RECESSED WALL LIGHTING

Recessed LED guide light complete with integral driver. Ideal for stairways and corridors.

- Brushed chrome finish
- Manufactured to fit a standard 47mm recessed back box (not supplied)
- · Low level guide lighting creates a soft ambient glow
- For indoor use only

Construction: Stainless Steel Lamp type: LED

| Height | Width   | Projection        | (mm)   |
|--------|---------|-------------------|--------|
| 80     | 80      | 5                 |        |
| Code   | Wattage | Colour            | Lumens |
| NH023B | 1W      | Blue              | -      |
| NH023W | 1W      | White             | 80lm   |
| NH025W | 1W      | White (4 squares) | 80lm   |







CEILING & WALL LIGHTS 205



# DOMESTIC INTERIOR

Stylish mirrors and lighting that complement any modern bathroom. Range includes shaver lights with USB ports

| LED Wall Lights                   | 208     |
|-----------------------------------|---------|
| Shaver Lights                     | 209-210 |
| Over-mirror Lights                | 211     |
| Mirrors                           | 212-213 |
| Downlights / Recessed Wall Lights | 214     |
|                                   |         |



Construction: Pressed steel Driver: Included Lamp type: LED

| Height     |                | Projection | Base Ø (mm) | 230V IP44    |               |        |
|------------|----------------|------------|-------------|--------------|---------------|--------|
| 252.5 (CWL | .1) 405 (CWL2) | 115        | 100         | 50Hz         | $\sim$ $\sim$ |        |
| Code       | Model          | Wattage    | Finish      | Colour       | ССТ           | Lumens |
| CWL1       | Single         | 3W         | Chrom       | e Warm White | e 3000K       | 170lm  |
| CWL2       | Twin           | 6W         | Chrom       | e Warm White | e 3000K       | 365lm  |



| LED SH<br>VOLTAG                       |                   |                    |                 | TH DUAL<br>KFT              |                     |                 |   |                      |      |                          |
|--|-------------------|--------------------|-----------------|-----------------------------|---------------------|-----------------|---|----------------------|------|--------------------------|
| Constructi<br>Driver: Inc<br>Lamp type | i <b>on:</b> Poly |                    |                 |                             | 4                   |                 |   |                      |      |                          |
| Width<br>494                           | Height<br>60      | <b>Proje</b><br>70 | ction           |                             | (mm)                |                 |   | 230V<br>50Hz         | IP20 | IP21<br>SHAVER<br>SOCKET |
| Code<br>SLIGHT2                        | Watt<br>6W        | age                | Finish<br>White | <b>Colour</b><br>Warm White | <b>ССТ</b><br>3000К | Lumens<br>450lm | 0 | $\langle \! \rangle$ |      |                          |



Width

492

Code

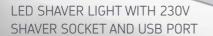
BWLED6

BWLED7

#### LED SHAVER LIGHT WITH CONCEALED DUAL VOLTAGE SHAVER SOCKETS

Construction: Alumi Driver: Integral Lamp type: LED

|         | DMAVER 3   | DUCKETS<br>nate |       |        |   |        |            |
|---------|------------|-----------------|-------|--------|---|--------|------------|
| Height  | Projection | (1              | nm)   | 100    | 2 |        | -          |
| 59      | 66         |                 | I     |        |   |        | 230V       |
| Wattage | Finish     | Colour          | ССТ   | Lumens |   |        | 50Hz       |
| 10W     | Chrome     | Warm White      | 3000K | 800lm  | Ì |        | $\bigcirc$ |
| 10W     | White      | Warm White      | 3000K | 800lm  |   | $\sim$ |            |
|         |            |                 |       |        |   |        |            |



- Shaver socket and 5V DC 2A output
- · USB port works independently from the light
- · Pull cord switch fitted for independent light switching
- Maximum 2kg weight on glass shelf

Construction: Aluminium & polycarbonate **Driver:** Included Lamp type: LED



| Width  | Height  | Projection |            | (mm)  |        |
|--------|---------|------------|------------|-------|--------|
| 600    | 75      | 120        |            |       | 0      |
| Code   | Wattage | Finish     | Colour     | ССТ   | Lumens |
| SLULED | 11W     | Chrome     | Warm White | 3000K | 765lm  |







#### LED WALL-MOUNTED MIRROR / CABINET LIGHT

Construction: Aluminium & polycarbonate Driver: Integral Lamp type: LED

| Width  | Height | Pr | ojection   | (mm)  |        |
|--------|--------|----|------------|-------|--------|
| 400    | 41     | 12 | 1          |       |        |
| Code   | Watta  | ge | Colour     | ССТ   | Lumens |
| BWLED1 | 8W     |    | Warm White | 3000K | 650lm  |



**IP44** 

230V

50Hz

#### LED WALL-MOUNTED MIRROR / CABINET LIGHT

Construction: Aluminium & polycarbonate Driver: Integral Lamp type: LED

| Width  | Height | Pr  | ojection | (mm)          |   |
|--------|--------|-----|----------|---------------|---|
| 400    | 44     | 13  | 4        |               |   |
| Code   | Watta  | ige | Finish   |               |   |
| BWLED2 | 8W     |     | Polished | Chrome Effect | t |



Colour

ССТ

Warm White 3000K

Lumens

650lm

| Width   | Height  | Projection | (          | mm)   |        |
|---------|---------|------------|------------|-------|--------|
| 400     | 53      | 116        |            |       |        |
| Code    | Wattana | Finish     | Colour     | ССТ   | Lumens |
| coue    | Wattage | FINISN     | Colour     | LLI   | Lumens |
| BWLED10 | 6W      | Chrome     | Warm White | 3000K | 610lm  |





#### VANITY MIRROR

Construction: Pressed steel Driver: Included Lamp type: LED

| Width | Projection | Base Ø | Overall Ø  | (mm)  |        |
|-------|------------|--------|------------|-------|--------|
| 333   | 270        | 110    | 200        |       |        |
| Code  | Wattage    | Finish | Colour     | ССТ   | Lumens |
| VML1  | 3W         | Chrome | Warm White | 3000K | 60lm   |



### T8 BATHROOM MIRROR WITH DUAL VOLTAGE SHAVER SOCKET

• Complete with pull cord switch

Construction: Steel & glass HF Electronic Ballast: Included Lamp type: Fluorescent

| Width | Height | Projection | Base   |        | (mm)   |
|-------|--------|------------|--------|--------|--------|
| 390   | 500    | 60         | W: 370 | H: 490 |        |
| Code  | Wa     | ttage      | Colour | ССТ    | Lumens |

| Lode    | wattage | Colour     | LLI   | Lumens |
|---------|---------|------------|-------|--------|
| RCTM2T8 | 2 x 15W | Cool White | 4000K | 300lm  |

### LED BATHROOM MIRROR WITH DUAL VOLTAGE SHAVER SOCKET

• Complete with pull cord switch

Construction: Steel & glass Driver: Included Lamp type: LED

| Width   | Height       | Pr  | ojection   | Base     | (mm)   |
|---------|--------------|-----|------------|----------|--------|
| 390     | 500          | 60  |            | W: 370 H | : 490  |
|         |              |     |            |          |        |
| Code    | Watt         | age | Colour     | ССТ      | Lumens |
| RCTM2LE | <b>D</b> 10W |     | Cool White | 4000K    | 125lm  |







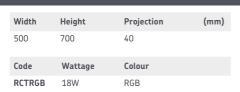


#### LED COLOUR CHANGING MIRROR

 Edge-lit, multicoloured LEDs enhance the ambience or mood and look perfect over a vanity unit or basin
 <u>Supplied w</u>ith remote control with memory function

Construction: Aluminium & glass Driver: Included Lamp type: LED









#### BATHROOM DOWNLIGHTS

**Construction:** Die-cast aluminium **Driver:** Not required



- 230V IP65 GU10 range of recessed bathroom downlights
- Manufactured from die-cast aluminium
- Supplied complete with pre-wired GU10 230V lampholder
- Designed for use in bathrooms and shower cubicles etc.
- LED compatible (35W max.)

| Bezel   | Minimum Void   | Recessed Depth | Cut-out | (mm)      |
|---------|----------------|----------------|---------|-----------|
| 84      | 140            | 90             | 64      |           |
| Code    | Finish         | 230V           |         | $\otimes$ |
| RDSHC   | Chrome         | 50Hz           |         |           |
| RDSHCBR | Brushed Chrome |                |         |           |
| RDSHW   | White          |                |         |           |



#### BATHROOM WALL / SHELF LIGHTS

- Comes with three interchangeable chrome-effect heads
- Perfect for creating ambient effects in bathrooms

Construction: Stainless steel & polycarbonate Driver: Included Lamp type: LED

| Recessed D | epth Ove | rall Ø      | Cut ou | ıt (mr | n)    |        |
|------------|----------|-------------|--------|--------|-------|--------|
| 48         | 38       |             | 32     |        |       |        |
| Code       | Wattage  | Finish      |        | Colour | ССТ   | Lumens |
| LEDM06B    | 0.6W     | Brushed Nic | :kel   | Blue   | -     | -      |
| LEDM06W    | 0.6W     | Brushed Nic | kel 🛛  | White  | 6000K | 50lm   |



BT14CT See page 297 for IP65 LED Bulkheads

**8300BC** See page 144 for Bathroom Pull Cord switches

10

LEDFIPWW See page 232 for IP68 LED Flex

#### BATHROOM ZONE GUIDE



### Bathroom luminaire installations must comply with legislation. This has recently been updated and is now Section 701 of BS7671 : 2018 (Wiring Regulations 18th Edition)

**Zone 0** is inside the bath or shower itself. Any fitting used in this zone must be IP67 low voltage (max 12V).

**Zone 1** is the area above the bath to a height of 2.25m from the floor. In this zone a minimum rating of IP44 is required.

**Zone 2** is an area stretching 0.6m outside the perimeter of the bath and to a height of 2.25m from the floor. In this zone an IP rating of at least IP44 is required (except for shaver sockets located where direct spray is unlikely). In addition, it is good practice to consider the area around a wash basin (within a 60cm radius of any tap) as Zone 2. **Outside zones** is anywhere outside zones 0, 1 and 2 (subject to specific limits) and where no water jet is likely to be used. No IP rating is required.

LOOKING FOR

SOMETHING

DIFFERENT

FOR YOUR

BATHROOM?

In addition to the above, if there is a likelihood of water jets being used for cleaning purposes in zones 1, 2 and "Outside Zones" a fitting rated a minimum IP65 must be used.

A 30mA residual current device (RCD) must also be used to protect all circuits supplying the location. Full details can be found in the latest copy of IEE wiring regulations.



## DOMESTIC INTERIOR UNDER CABINET LIGHTING

Under cabinet lighting creates the perfect glow on kitchen worktops, providing discreet but effective illumination

#### Striplights

| LED Linkable Striplights                          | 219     |
|---|---------|
| LED Linkable Striplights with Sensor              | 220     |
| 24V LED Linkable Striplights & Accessories        | 221     |
| Flat and Triangular LED Striplights & Accessories | 222-223 |

| Under Cabinet Lights               |     |
|------------------------------------|-----|
| Mains Voltage Under Cabinet Lights | 224 |
| 12V Under Cabinet Lights           | 225 |
| LED Dimmable Under Cabinet Lights  | 226 |

Ultra-slim LED striplights, ideal for kitchen lighting, cabinet lighting, cove lighting, and retail applications. Linkable end-to-end by a coupler (included) or using link leads (available separately). Up to a maximum of 12 units can be interlinked to each other

- Integral driver, independently switchedEnergy efficient and long life
- Emits an even light distribution
  Versatile and simple to install
- Mountable horizontally or verticallyFixing kit supplied

VERTICAL AND HORIZONTAL FIXINGS INCLUDED

0.



CONNECTION COVER





Supplied with 2m power cord, small coupler connector, and fixing clips

UNDER CABINET LIGHTING

218

#### LED LINKABLE STRIPLIGHTS

Construction: Polycarbonate Driver: Integral Lamp type: LED

| Lamp type: LED |            |   |       |                            |        |     |
|----------------|------------|---|-------|----------------------------|--------|-----|
| Width          | Projection | L. C. | (mm)  | AMP YEAR<br>LUDED WARRANTY |        |     |
| 22.8           | 36         |   |       | CLUDED WARRANTY            |        |     |
| Code           | Wattage    | Colour                                    | ССТ   | Length                     | Lumens | Qty |
| UCLED4WW       | 4W         | Warm White                                | 3000K | 277mm                      | 310lm  | 1   |
| UCLED7WW       | 7W         | Warm White                                | 3000K | 395mm                      | 530lm  | 1   |
| UCLED9WW       | 9W         | Warm White                                | 3000K | 538mm                      | 640lm  | 1   |
| UCLED13WW      | 13W        | Warm White                                | 3000K | 838mm                      | 950lm  | 1   |
| UCLED18WW      | 18W        | Warm White                                | 3000K | 1138mm                     | 1450lm | 1   |
| UCLED22WW      | 22W        | Warm White                                | 3000K | 1438mm                     | 1550lm | 1   |
| UCLED4CW       | 4W         | Cool White                                | 4000K | 277mm                      | 360lm  | 1   |
| UCLED7CW       | 7W         | Cool White                                | 4000K | 395mm                      | 570lm  | 1   |
| UCLED9CW       | 9W         | Cool White                                | 4000K | 538mm                      | 760lm  | 1   |
| UCLED13CW      | 13W        | Cool White                                | 4000K | 838mm                      | 1020lm | 1   |
| UCLED18CW      | 18W        | Cool White                                | 4000K | 1138mm                     | 1550lm | 1   |
| UCLED22CW      | 22W        | Cool White                                | 4000K | 1438mm                     | 1730lm | 1   |

230V 50Hz IP20

#### CCT ADJUSTABLE LED LINKABLE STRIPLIGHTS

| Code    | Wattage | Colour | ССТ             | Length | Lumens           | Qty |     |
|---------|---------|--------|-----------------|--------|------------------|-----|-----|
| UCLCT4  | 4W      | CCT    | 3000/4000/6500K | 277mm  | 350/390/370lm    | 1   | NEW |
| UCLCT9  | 9W      | CCT    | 3000/4000/6500K | 538mm  | 685/690/675lm    | 1   | NEW |
| UCLCT13 | 13W     | CCT    | 3000/4000/6500K | 838mm  | 1055/1055/1025lm | 1   | NEW |
| UCLCT18 | 18W     | CCT    | 3000/4000/6500K | 1138mm | 1675/1915/1780lm | 1   | NEW |

#### ACCESSORIES

| Code   | Model               | Length |
|--------|---------------------|--------|
| UC250  | Link Power Cord     | 250mm  |
| UC500  | Link Power Cord     | 500mm  |
| UC1000 | Link Power Cord     | 1000mm |
| UCP200 | Power Cable         | 2000mm |
| UCCUP  | Coupler / Connector |        |



#### LED MAINS VOLTAGE LINKABLE STRIPLIGHT WITH ON/OFF MOTION SENSOR

Slim low-profile design with integrated LED driver, constructed from aluminium and polycarbonate. Produces an even light distribution. Ideal applications: under cabinets, kitchens, bedrooms, and wardrobes etc.

Supplied with 2m power cord and fixings
A maximum of 15 units can be linked together using optional link lead (not included)

| <b>Construction:</b> Aluminium & Polycarbonate |
|--|
| Driver: Integral                               |
| Lamp type: LED                                 |



| Code      | Wattage | Colour     | LLI   | Length | Lumens |
|-----------|---------|------------|-------|--------|--------|
| USLED73K  | 7W      | Warm White | 3000K | 362mm  | 490lm  |
| USLED123K | 12W     | Warm White | 3000K | 562mm  | 740lm  |
| USLED7    | 7W      | Cool White | 4000K | 362mm  | 500lm  |
| USLED12   | 12W     | Cool White | 4000K | 562mm  | 780lm  |

#### ACCESSORIES

| Code   | Model               | Length |
|--------|---------------------|--------|
| UC250  | Link Power Cord     | 250mm  |
| UC500  | Link Power Cord     | 500mm  |
| UC1000 | Link Power Cord     | 1000mm |
| UCCUP  | Coupler / Connector |        |



#### 24V LED LINKABLE UNDER CABINET LIGHTS

- Tilt design
- · Linkable via accessories
- Dimmable accessory available

Construction: Aluminium & Polycarbonate Driver: Required - 24VDCA (12W). 24DC36 (36W) or 24DC40 (40W) see page 375 Lamp type: LED

| Width   | Projection |            | (mm) | 24V IP20 |        | 3               |
|---------|------------|------------|------|----------|--------|-----------------|
| 33      | 9.5        |            |      |          |        | YEAR<br>ARRANTY |
| Code    | Wattage    | Colour     |      | ССТ      | Length | Lumens          |
| UCL4WW  | 4W         | Warm White |      | 3000K    | 305mm  | 330lm           |
| UCL6WW  | 6W         | Warm White |      | 3000K    | 505mm  | 430lm           |
| UCL12WW | 12W        | Warm White |      | 3000K    | 1005mm | 820lm           |
| UCL4CW  | 4W         | Cool White |      | 4000K    | 305mm  | 320lm           |
| UCL6CW  | 6W         | Cool White |      | 4000K    | 505mm  | 430lm           |
| UCL12CW | 12W        | Cool White |      | 4000K    | 1005mm | 800lm           |

#### **PIR MOTION** SENSOR

• 120° field of detection

• Tilt design



TOUCH DIMMER

- Controls all the connected fittings in a series (36W max.)
- · Memory function included, unit will save last setting
- Code Model UCLOS 24V Plug-in Adjustable Motion Sensor

UCLJB

| Code       | Model              |                  |  |  |  |
|------------|--------------------|------------------|--|--|--|
| UCLTD      | 24V Touch Dimmer   | 24V Touch Dimmer |  |  |  |
| LEDDIMMERW | / White LED Dimmer |                  |  |  |  |
| UCLOE      | UCLCB              | UCLCP            |  |  |  |
| Code       | Model              |                  |  |  |  |

Coupler for UCL Series

| CONN  | IECTOR | BLOCK / | COL | IPLE | .R |
|-------|--------|---------|-----|------|----|
| E 1.6 |        |         |     |      |    |

· Time adjustable from 30 seconds to 3 minutes

- · End feed power connector for direct wiring from remote driver
- · Coupler for connecting two UCL fittings

| Code  | Model                             | Code  |
|-------|-----------------------------------|-------|
| UCLJB | Plug-in Rewireable Connector      | UCLCB |
| UCLOE | 24V 1m Connector Cable (open end) | UCLCP |



24V 1m Connector Cable (plug to plug)







#### FLAT LED STRIPLIGHTS

• Supplied with coupler, 1m power cord, and fixing kit Construction: Extruded Aluminium Lamp type: LED

Driver: Required (LEDAD36)

| Width    | Projection |            | (mm) | 24V IP20 |        |        |
|----------|------------|------------|------|----------|--------|--------|
| 33       | 8          |            |      |          |        |        |
| Code     | Wattage    | Colour     |      | ССТ      | Length | Lumens |
| LED3WWW  | 3W         | Warm White |      | 3000K    | 310mm  | 395lm  |
| LED5WWW  | 5W         | Warm White |      | 3000K    | 510mm  | 625lm  |
| LED11WWW | 11W        | Warm White |      | 3000K    | 1010mm | 1325lm |
| LED3WCW  | 3W         | Cool White |      | 6000K    | 310mm  | 385lm  |
| LED5WCW  | 5W         | Cool White |      | 6000K    | 510mm  | 580lm  |
| LED11WCW | 11W        | Cool White |      | 6000K    | 1010mm | 1320lm |
| LED3WB   | 3W         | Blue       |      | -        | 310mm  | -      |
| LED5WB   | 5W         | Blue       |      | -        | 510mm  | -      |
| LED11WB  | 11W        | Blue       |      | -        | 1010mm | -      |

#### FLAT STRIPLIGHT ESSENTIALS

| Code     | Model                                 |
|----------|---------------------------------------|
| LEDFCLIP | Metal Mounting Clip (with 2 x Screws) |
| LEDFCON  | PVC Connector                         |
| LEDTD1   | Touch Dimmer                          |
| LEDTD2   | DC 24V Plug in Power Connector        |
| LEDRACON | PVC Right Angle Connector             |



LEDTD2





LEDTD1



LEDRACON

#### 222 UNDER CABINET LIGHTING

#### TRIANGULAR LED STRIPLIGHTS

• Supplied with coupler, 1m power cord, and fixing kit

**Constuction:** Extruded Aluminium Lamp type: LED Driver: Required (LEDAD36)



#### TRIANGULAR STRIPLIGHT ESSENTIALS

| Code     | Model                                 |
|----------|---------------------------------------|
| LEDTCLIP | Metal Mounting Clip (with 2 x Screws) |
| LEDTCON  | PVC Connector                         |



and a second second





| Code      | Model                     |     |
|-----------|---------------------------|-----|
| LEDDIMMER | LED Dimmer                |     |
| LEDAD36   | 36W Power Adaptor - Black | NEW |
| LEDAD36W  | 36W Power Adaptor - White | NEW |
| LED8SPLIT | PVC DC 8-Way Splitter     |     |

#### POWER LEADS

· Use to connect additional linear striplights

| Code    | Length |
|---------|--------|
| LED100  | 100mm  |
| LED250  | 250mm  |
| LED1000 | 1000mm |
| LED2500 | 2500mm |





LEDDIMMER



LED8SPLIT





LED UNDER CABINET LIGHTS

Suitable for surface or recessed mounting

Supplied with 1.2m cable

Construction: Pressed Steel Driver: Integral Lamp type: LED

| Projection | Diameter | Cut-out    | (mm) | 230V  | IP20         | $\mathbf{N} \bigcirc$ | 3                | $\square$ |
|------------|----------|------------|------|-------|--------------|-----------------------|------------------|-----------|
| 30         | 71       | 58         |      | 50Hz  |              |                       | YEAR<br>WARRANTY |           |
| Code       | Wattage  | Colour     |      | ССТ   | Finish       | Lumen                 | 5                |           |
| CABBCWW    | 2W       | Warm White | 5    | 3000K | Brushed Chro | ome 125lm             |                  |           |
| CABCWW     | 2W       | Warm White | 9    | 3000K | Chrome       | 125lm                 |                  |           |
| CABWWW     | 2W       | Warm White | 9    | 3000K | White        | 125lm                 |                  |           |
| CABBCCW    | 2W       | Cool White |      | 4000K | Brushed Chro | ome 140lm             |                  |           |
| CABCCW     | 2W       | Cool White |      | 4000K | Chrome       | 140lm                 |                  |           |
| CABWCW     | 2W       | Cool White |      | 4000K | White        | 140lm                 |                  |           |



#### 12V UNDER CABINET LIGHTS

· Suitable for surface and recessed mounting

Construction: Pressed steel Driver: 12V AC transformer required (TO2) Lamp type: 12V G4 10W & 20W Halogen included



| Projection | Diameter | Cut-out | (mm) |          | 12V | IP20       |           | $\left[ \bigcirc \right]$ |  |
|------------|----------|---------|------|----------|-----|------------|-----------|---------------------------|--|
| 25         | 72       | 60      |      |          |     |            | $\bigcup$ |                           |  |
| Code       | Model    |         |      | Code     | N   | lodel      |           |                           |  |
| CRF02B     | Brass    |         |      | CRF02CBR | R E | Brushed Cl | nrome     |                           |  |
| CRF02C     | Chrome   |         |      | CRF02W   | V   | Vhite      |           |                           |  |





#### LED DIMMABLE UNDER CABINET LIGHTS

Stylish, low profile, under-cabinet LED kit. Supplied complete with 3 lights, 6-way connector, and a dimmable LED remote driver.

- Users can add additional lights (up to 6 per driver)
- · Suitable for surface and recessed mounting
- Pre-wired with 2.5m cable
- Available as single lights, as well as packs of 3

#### Construction: Polycarbonate

**Driver:** Included with kits (not included with single lights) **Lamp type:** LED

| Diameter | Projection | Cut-out Ø (mm) |
|----------|------------|----------------|
| 68       | 11         | 63             |

#### LED UNDER CABINET LIGHTING KITS

| Code        | Wattage  | Finish         | Colour     | ССТ   | Lumens |     |
|-------------|----------|----------------|------------|-------|--------|-----|
| UNDKIT3WWW  | 3 x 2.5W | White          | Warm White | 3000K | 195lm  | NEW |
| UNDKIT3BCWW | 3 x 2.5W | Brushed Chrome | Warm White | 3000K | 185lm  | NEW |
| UNDKIT3WCW  | 3 x 2.5W | White          | Cool White | 4000K | 225lm  | NEW |
| UNDKIT3BCCW | 3 x 2.5W | Brushed Chrome | Cool White | 4000K | 220lm  | NEW |

#### LED UNDER CABINET LIGHTS (SINGLE)

| Code      | Wattage | Finish         | Colour     | ССТ   | Lumens |     |
|-----------|---------|----------------|------------|-------|--------|-----|
| UNDK3WWW  | 2.5W    | White          | Warm White | 3000K | 195lm  | NEW |
| UNDK3BCWW | 2.5W    | Brushed Chrome | Warm White | 3000K | 185lm  | NEW |
| UNDK3WCW  | 2.5W    | White          | Cool White | 4000K | 225lm  | NEW |
| UNDK3BCCW | 2.5W    | Brushed Chrome | Cool White | 4000K | 220lm  | NEW |

#### UNDKIT 6-WAY CONNECTOR

Code Model
UNDKCON 6-Way Con

6-Way Connector NEW













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- No minimum box quantities\*
- No minimum order value

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Quality products, first class delivery

- Reduces commitment to stock
- No double handling
- Next day delivery across mainland UK
- Fast, efficient and professional
- Created for our wholesalers to satisfy their customers
  - \* Exceptions apply to fragile items

#### Place your customers order online and have it delivered direct on your behalf



# LED FLEX

Extremely verstaile and adaptable, LED Flex can be used to create stunning ambient lighting effects across a wide range of applications

| Single Colour LED Flex                    | 230     |
|---|---------|
| Colour-Changing / CCT Adjustable LED Flex | 231     |
| IP68 LED Flex                             | 232     |
| Bendable / High Lumen LED Flex            | 233     |
| Aluminium Profiles                        | 234     |
| LED Flex Remotes and Controllers          | 235     |
| LED Flex Connectors / Fixing Kit          | 236     |
| LED Flex Drivers and Amplifiers           | 237     |
| LED Flex Part Chart                       | 238-239 |



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#### 12V IP20 SINGLE COLOUR LED FLEX

• Dimmable when using LEDFR1 and LEDFR7 remote control unit, or when using constant voltage dimmable drivers (not included)

Driver: Required Compatible remotes: LEDFR1 or LEDFR7





| Code       | Watts/mtr | LEDs/mtr | Colour     | ССТ   | Width | Length | Lumens/mtr       |
|------------|-----------|----------|------------|-------|-------|--------|------------------|
| LEDFN212WW | 4.8W      | 60       | Warm White | 3000K | 8mm   | 2m     | 590lm            |
| LEDFN212DL | 4.8W      | 60       | Daylight   | 6500K | 8mm   | 2m     | 620lm            |
| LEDFN12WW  | 4.8W      | 60       | Warm White | 3000K | 8mm   | 5m     | 590lm            |
| LEDFN12CW  | 4.8W      | 60       | Cool White | 4000K | 8mm   | 5m     | 590lm <b>NEW</b> |
| LEDFN12DL  | 4.8W      | 60       | Daylight   | 6500K | 8mm   | 5m     | 620lm            |
| LEDFN12B   | 4.8W      | 60       | Blue       | -     | 8mm   | 5m     | -                |
| LEDFN12G   | 4.8W      | 60       | Green      | -     | 8mm   | 5m     | -                |
| LEDFN12R   | 4.8W      | 60       | Red        | -     | 8mm   | 5m     | -                |

#### 24V IP20 SINGLE COLOUR LED FLEX

• Dimmable when using LEDFR1 and LEDFR7 remote control unit, or when using constant voltage dimmable drivers (not included)

Driver: Required Compatible remotes: LEDFR1 or LEDFR7



| Code      | Watts/mtr | LEDs/mtr | Colour     | ССТ   | Width | Length | Lumens/mtr |
|-----------|-----------|----------|------------|-------|-------|--------|------------|
| LEDFN24WW | 4.8W      | 60       | Warm White | 3000K | 8mm   | 20m    | 590lm      |
| LEDFN24DL | 4.8W      | 60       | Daylight   | 6500K | 8mm   | 20m    | 620lm      |

24V

# 12V IP20 COLOUR-CHANGING LED FLEX

- Preset with a variety of chasing modes
- Fully controllable via **LEDFR3** remote control unit (not included)

Driver: Required Compatible remotes: LEDFR3





#### 24V IP20 COLOUR-CHANGING

#### LED FLEX

- Colour and temperature changing LED flex is the perfect way to be creative with your environment
- Fully controllable with a selection of remote control units (not included)

#### Driver: Required

Compatible remotes: See table below





| Code       | Watts/mtr | LEDs/mtr | Colour      | Width | Length | Compatible Remote |
|------------|-----------|----------|-------------|-------|--------|-------------------|
| LEDF24RGB  | 7.2W      | 30       | RGB ••••    | 10mm  | 5m     | LEDFR4 or LEDFR5  |
| LEDF24RGBW | 9W        | 30       | RGBW •••••• | 12mm  | 5m     | LEDFR6            |

#### 24V IP20 CCT ADJUSTABLE

#### LED FLEX

- Colour temperature adjustable, Warm White 3000K to Daylight 6000K
- Fully controllable with a selection of remote units (not included)

#### Driver: Required

Compatible remotes: LEDFR2 or LEDFR8





| Code      | Watts/mtr | LEDs/mtr | Colour             | Width | Length |
|-----------|-----------|----------|--------------------|-------|--------|
| LEDF24CCT | 12W       | 60       | CCT Adjustable 🛛 😐 | 10mm  | 5m     |



#### 24V IP68 SINGLE COLOUR

#### LED FLEX

- Silicone encapsulated IP68 LED Flex, ideal for exterior use
- Dimmable when using LEDFR7 remote control unit, or when using constant voltage dimmable drivers (not included)

#### **Driver:** Required Compatible remote: LEDFR7

#### 3 IP68 24V



| Code     | Watts/mtr | LEDs/mtr | Colour     | ССТ   | Width | Length | Lumens/mtr |
|----------|-----------|----------|------------|-------|-------|--------|------------|
| LEDFIPWW | 4.8W      | 60       | Warm White | 3000K | 10mm  | 5m     | 560lm      |
| LEDFIPDL | 4.8W      | 60       | Daylight   | 6500K | 10mm  | 5m     | 590lm      |

#### 24V IP68 COLOUR-CHANGING I FD FI FX

- · Silicone encapsulated IP68 LED Flex, ideal for exterior use
- · Fully controllable with a selection of remote control units (not included)

#### Driver: Required Compatible remotes: See table below





| Code       | Watts/mtr | LEDs/mtr | Colour     | Width  | Length | Compatible Remote |
|------------|-----------|----------|------------|--------|--------|-------------------|
| LEDFIPRGB  | 7.2W      | 30       | RGB ••••   | 12.5mm | 5m     | LEDFR5            |
| LEDFIPRGBW | 9W        | 30       | RGBW ••••• | 14.5mm | 5m     | LEDFR6            |

#### 24V IP68 CCT ADJUSTABLE

#### I FD FI FX

24V

- Silicone encapsulated IP68 LED Flex, ideal for exterior use
- Colour temperature adjustable, Warm White 3000K to Daylight 6000K

**Driver:** Required Compatible remotes: LEDFR8





| Code      | Watts/mtr | LEDs/mtr | Colour             | Width  | Length |
|-----------|-----------|----------|--------------------|--------|--------|
| LEDFIPCCT | 12W       | 60       | CCT Adjustable 🛛 😐 | 12.5mm | 5m     |

#### 12V IP20 BENDABLE LED FLEX

- IP20 wavy LED Flex, with a highly pliable s-shaped PCB
- Enables easy installation around bends and corners and is ideal for channel letter lighting
- Dimmable when using LEDFR1 and LEDFR7 remote control unit, or when using constant voltage dimmable drivers (not included)

Driver: Required Compatible Remotes: LEDFR1 or LEDFR7





| Code      | Watts/mtr | LEDs/mtr | Colour     | ССТ   | Width | Height | Lumens/mtr |
|-----------|-----------|----------|------------|-------|-------|--------|------------|
| LEDFS12WW | 5W        | 60       | Warm White | 3000K | 8mm   | 5m     | 590lm      |
| LEDFS12DL | 5W        | 60       | Daylight   | 6500K | 8mm   | 5m     | 610lm      |

#### 24V IP20 HIGH LUMEN LED FLEX

- High output LED Flex, available in warm white and daylight options
- 120 LEDs per metre producing an extremely high lumen output
- Dimmable when using LEDFR1 and LEDFR7 remote control unit, or when using constant voltage dimmable drivers (not included)

#### Driver: Required Compatible Remotes: LEDFR1 or LEDFR7





| Code      | Watts/mtr | LEDs/mtr | Colour     | ССТ   | Width | Length | Lumens/mtr |
|-----------|-----------|----------|------------|-------|-------|--------|------------|
| LEDFH24WW | 14W       | 120      | Warm White | 3000K | 8mm   | 5m     | 1160lm     |
| LEDFH24DL | 14W       | 120      | Daylight   | 6500K | 8mm   | 5m     | 1250lm     |



#### ALUMINIUM PROFILES

• Compatible with our full range of IP20 single colour, CCT, and RGB Flex

Maximum flex width 10mm

| Code  | Model                | Width | Height | Recessed<br>Depth | Length |
|-------|----------------------|-------|--------|-------------------|--------|
| 1MPSC | Surface Mount Corner | 18mm  | 18mm   |                   | 1m     |
| 1MPRF | Recessed Flat        | 25mm  | 2.5mm  | 5.5mm             | 1m     |
| 1MPSF | Surface Mount Flat   | 18mm  | 10mm   |                   | 1m     |



#### LED FLEX REMOTES AND CONTROLLERS

A selection of remotes and controllers for use with Knightsbridge LED Flex, ranging from basic button remotes to touch panel remotes for an extensive range of dimming colour controls

| Code   | Model  | 12V  | 24V  |
|--------|--|------|------|
| LEDFR1 | 12V / 24V Inline RF Controller and Remote - Dimmer Single Colour | 72W  | 144W |
| LEDFR2 | 12V / 24V IR Controller and Remote - CCT                         | 72W  | 144W |
| LEDFR3 | 12V IR Controller and Remote - RGB Chaser                        | 72W  | -    |
| LEDFR4 | 12V / 24V IR Controller and Remote - RGB                         | 72W  | 144W |
| LEDFR5 | 12V / 24V RF Touch Controller and Remote - RGB                   | 216W | 432W |
| LEDFR6 | 12V / 24V RF Touch Controller and Remote - RGBW                  | 288W | 576W |
| LEDFR7 | 12V / 24V RF Controller and Touch Remote - Dimmer Single Colour  | 216W | 432W |
| LEDFR8 | 12V / 24V RF Controller and Touch Remote - CCT                   | 144W | 288W |

#### SMART LED FLEX CONTROLLER

• Compatible with single colour, CCT, RGB, and RGBW Flex

VISIT

**SMART HOME** 

on pages 164-169

- Enables users to adjust the colour temperature of their LED Flex via the Smartknight app
- RGB and RGB LED Flex only: enables users to adjust the RGB colour, with over 16 million colour options, via the Smartknight app

#### Code Model

LEDFWIFI 12V / 24V

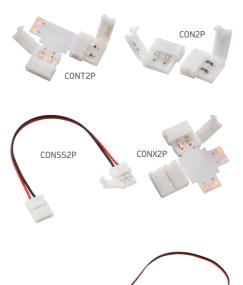
NEW



#### SINGLE COLOUR LED FLEX SOLDERLESS CONNECTORS (12V AND 24V)

|  | For | 8mm | 12V | and | 24V | single | colour | LED | Flex |  |
|--|-----|-----|-----|-----|-----|--------|--------|-----|------|--|
|--|-----|-----|-----|-----|-----|--------|--------|-----|------|--|

| Code    | Model                                    |
|---------|--|
| CONSS2P | Strip-to-Strip Connector - Single Colour |
| CON2P   | Connectors (Pack of 2) - Single Colour   |
| CONT2P  | 3-Way Connector - Single Colour          |
| CONX2P  | 4-Way Connector - Single Colour          |



#### LED FLEX CONNECTORS

- Strip-to-strip solderless connectors
- For 12V and 24V LED Flex

| Code       | Model                                    |
|------------|--|
| CONFLEX2P  | Strip-to-Strip Connector - Single Colour |
| CONFLEX3P  | Strip-to-Strip Connector - CCT           |
| CONFLEX4P  | Strip-to-Strip Connector - RGB           |
| CONFLEX5P  | Strip-to-Strip Connector - RGBW          |
| CONFLEXCHS | Strip-to-Strip Connector - RGB Chaser    |

#### IP20 12V/24V K FLEX CONNECTOR





#### IP20 12V/24V END POWER CONNECTOR

| Code    | Model  |  |  |
|---------|--|--|--|
| CENCONS | 12V / 24V 8mm<br>Single Colour Power Connector |  |  |

#### IP68 LED FLEX CONNECTORS

• Supplied with 1 male and 1 female connector, 4 x end caps and 10ml glue for sealing

| Code    | Model                                |
|---------|--------------------------------------|
| CONIP2P | 12V/24V IP Connector - Single Colour |
| CONIP3P | 12V/24V IP Connector - CCT           |
| CONIP4P | 12V/24V IP Connector - RGB           |
| CONIP5P | 12V/24V IP Connector - RGBW          |

#### FIXING KIT

• Fixing Kit for IP68 LED Flex (5 clips per pack)

| Code     | Model                             |
|----------|-----------------------------------|
| FLEXFIX  | IP68 Mounting Kit - Single Colour |
| FLEXFIXL | IP68 Mounting Kit - CCT/RGB/RGBW  |





#### **AMPLIFIERS**

- Signal Amplifier 12V and 24V compatible
- Enables LED Flex to be extended but continues to use one source of control
- · Prevents voltage and signal drop

| Code   | Model         |
|--------|---------------|
| LEDAMP | LED Amplifier |
| RGBAMP | RGB Amplifier |



## **VOLTAGE DRIVERS**

| Code   | Model   |
|--------|---------|
| 24VDCA | 24V 12W |
| 24DC36 | 24V 36W |
| 24DC40 | 24V 40W |
| 24DC60 | 24V 60W |



#### IP20 12V LED CONSTANT VOLTAGE DRIVERS

| Code   | Model   |
|--------|---------|
| 12VDCA | 12V 12W |
| 12DC36 | 12V 36W |
| 12DC40 | 12V 40W |
| 12DC60 | 12V 60W |



24DC150A

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#### IP20 24V LED CONSTANT **VOLTAGE DRIVERS**

| Code     | Model    |
|----------|----------|
| 24DC100A | 24V 100W |
| 24DC150A | 24V 150W |
| 24DC200A | 24V 200W |





#### IP20 LED DIMMABLE CONSTANT **VOLTAGE DRIVERS**

• Compatible with most trailing-edge dimmers

| Code     | Model    |
|----------|----------|
| 12DC25D  | 12V 25W  |
| 24DC25D  | 24V 25W  |
| 12DC50D  | 12V 50W  |
| 24DC50D  | 24V 50W  |
| 24DC100D | 24V 100W |



#### **IP67 CONSTANT VOLTAGE DRIVERS**

| Code      | Model    |
|-----------|----------|
| 12DCIP36  | 12V 36W  |
| 24DCIP36  | 24V 36W  |
| 24DCIP60  | 24V 60W  |
| 24DCIP100 | 24V 100W |

# LED FLEX PART CHART

| PRODUCT CODE | DESCRIPTION                    | VOLTAGE / IP /<br>LENGTH | WATTAGE PER<br>METRE | 2<br>METRES       | 5<br>METRES          |
|--------------|--------------------------------|--------------------------|----------------------|-------------------|----------------------|
| LEDFN212WW   | WARM WHITE                     | 12V / IP20 / 2m          | 4.8W                 | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDFN212DL   | DAYLIGHT                       | 12V / IP20 / 2m          | 4.8W                 | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDFN12WW    | WARM WHITE                     | 12V / IP20 / 5m          | 4.8W                 | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDFN12CW    | COOL WHITE                     | 12V / IP20 / 5m          | 4.8W                 | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDFN12DL    | DAYLIGHT                       | 12V / IP20 / 5m          | 4.8W                 | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDFN12B     | BLUE                           | 12V / IP20 / 5m          | 4.8W                 | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDFN12G     | GREEN                          | 12V / IP20 / 5m          | 4.8W                 | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDFN12R     | RED                            | 12V / IP20 / 5m          | 4.8W                 | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDFS12WW    | BENDABLE - WARM WHITE          | 12V / IP20 / 5m          | 5W                   | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDFS12DL    | BENDABLE - DAYLIGHT            | 12V / IP20 / 5m          | 5W                   | 12VDCA<br>12DC25D | 12DC40<br>12DC50D    |
| LEDF12CHS    | RGB CHASER                     | 12V / IP20 / 5m          | 9.2W                 | 12DC40<br>12DC25D | 12DC60<br>12DC50D    |
| LEDFH24WW    | HIGH LUMEN - WARM WHITE        | 24V / IP20 / 5m          | 14W                  | 24DC40<br>24DC50D | 24DC100A<br>24DC100D |
| LEDFH24DL    | HIGH LUMEN - DAYLIGHT          | 24V / IP20 / 5m          | 14W                  | 24DC40<br>24DC50D | 24DC100A<br>24DC100D |
| LEDF24RGB    | COLOUR CHANGING RGB            | 24V / IP20 / 5m          | 7.2W                 | 24DC40<br>24DC25D | 24DC40<br>24DC50D    |
| LEDF24RGBW   | COLOUR CHANGING RGB & WHITE    | 24V / IP20 / 5m          | 9W                   | 24DC40<br>24DC25D | 24DC60<br>24DC50D    |
| LEDF24CCT    | COLOUR TEMPERATURE<br>CHANGING | 24V / IP20 / 5m          | 12W                  | 24DC40<br>24DC50D | 24DC100A<br>24DC100D |
| LEDFN24WW    | WARM WHITE                     | 24V / IP20 / 20m         | 4.8W                 | 24VDCA<br>24DC25D | 24DC40<br>24DC50D    |
| LEDFN24DL    | DAYLIGHT                       | 24V / IP20 / 20m         | 4.8W                 | 24VDCA<br>24DC25D | 24DC40<br>24DC50D    |
| LEDFIPWW     | WARM WHITE                     | 24V / IP68 / 5m          | 4.8W                 | 24DCIP36          | 24DCIP36             |
| LEDFIPDL     | DAYLIGHT                       | 24V / IP68 / 5m          | 4.8W                 | 24DCIP36          | 24DCIP36             |
| LEDFIPRGB    | COLOUR CHANGING RGB            | 24V / IP68 / 5m          | 7.2W                 | 24DCIP36          | 24DCIP60             |
| LEDFIPRGBW   | COLOUR CHANGING RGB & WHITE    | 24V / IP68 / 5m          | 9W                   | 24DCIP36          | 24DCIP60             |
| LEDFIPCCT    | COLOUR TEMPERATURE<br>CHANGING | 24V / IP68 / 5m          | 12W                  | 24DCIP36          | 24DCIP100            |

The above chart is for basic guidance only when installing LED Flex using a single driver. Please contact us for any questions you may have regarding more complex installations.

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in the

| 10<br>METRES         | 15<br>METRES         | 20<br>METRES | COMPATIBLE CON-<br>TROL UNITS | COMPATIBLE CONNECTORS                         |
|----------------------|----------------------|--------------|-------------------------------|---|
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 12DC60               | Х                    | Х            | LEDFR1 - LEDFR7<br>LEDFWIFI   | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| Х                    | Х                    | х            | LEDFR3                        | CONFLEXCHS                                    |
| 24DC150A             | Х                    | Х            | LEDFR7 - LEDFWIFI             | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 24DC150A             | Х                    | Х            | LEDFR7 - LEDFWIFI             | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 24DC100A<br>24DC100D | 24DC150A             | Х            | LEDFR4 - LEDFR5<br>LEDFWIFI   | CONFLEX4P                                     |
| 24DC100A<br>24DC100D | Х                    | Х            | LEDFR6 - LEDFWIFI             | CONFLEX5P                                     |
| 24DC150A             | Х                    | Х            | LEDFR2 - LEDFR8<br>LEDFWIFI   | CONFLEX3P                                     |
| 24DC60<br>24DC100D   | 24DC100A<br>24DC100D | 24DC150A     | LEDFR7 - LEDFWIFI             | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 24DC60<br>24DC100D   | 24DC100A<br>24DC100D | 24DC150A     | LEDFR7 - LEDFWIFI             | CONFLEX2P - CONSS2P - CON2P - CONT2P - CONX2P |
| 24DCIP60             | 24DCIP100            | Х            | LEDFR7 - LEDFWIFI             | CONIP2P                                       |
| 24DCIP60             | 24DCIP100            | Х            | LEDFR7 - LEDFWIFI             | CONIP2P                                       |
| 24DCIP100            | Х                    | Х            | LEDFR5 - LEDFWIFI             | CONIP4P                                       |
| 24DCIP100            | Х                    | Х            | LEDFR6 - LEDFWIFI             | CONIP5P                                       |
| Х                    | Х                    | х            | LEDFR8 - LEDFWIFI             | CONIP3P                                       |





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LED FLEX 239



## OUTDOOR LIGHTING OUTDOOR WALL LIGHTS

A comprehensive range of decorative wall lights, perfect for illuminating garden walkways and patios

| IP54 LED Up/Down Wall Lights                       | 243     |
|--|---------|
| IP65 Wall Lights                                   | 244     |
| IP44 Wall Lights with PIR Sensor                   | 245     |
| IP65 Heavy Gauge Wall Lights / IP65 Ground Bollard | 246     |
| IP65 Mini Aluminium Wall Lights                    | 247     |
| IP44 Wall Lights / IP44 LED Guide Lights           | 248     |
| IP54 Recessed LED Guide Lights                     | 249     |
| IP44 LED Wall/Guide Lights                         | 250-251 |
| IP65 Adjustable Up/Down Wall Lights                | 252     |
| IP54 LED Round Interchangeable Wall Light          | 253     |
| IP54 LED Bricklight / IP44 E27 Bricklight          | 254     |
| IP44 Window/Slotted Wall Lights                    | 255     |
| IP33 Wall Lantern / IP44 Globe Wall Light          | 256     |
| IP23 Stainless Steel Lanterns                      | 257     |
| IP54 LED Lanterns                                  | 258     |
| IP54 GU10 Wall Light / IP54 E27 Wall Light         | 259     |
| IP44 E27 Spike and Wall Lights                     | 260     |

Note: Some of our outdoor products may not be suitable for use in coastal areas where salt corrosion is prevalent

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# KNOW YOUR IP RATING

First digit

Indicates the level of protection against access to hazardous parts and the ingress of solid objects

#### Second digit

Indicates the level of protection against the harmful ingress of water

**Dripping** water

rotated at 1 RPM

#### >50mm

Protection against any large surface of the body, such as the back of a hand, but no protection against deliberate contact

>12.5mm Protection against fingers or similar objects

>2.5mm Protection against tools, thick wires, etc

>1mm Protection against most wires, slender screws, large insects etc

Dust protected Protection against dust that may harm equipment

**Dust tight** No ingress of dust; complete protection against ingress Dripping water (tilted) Protection against water droplets when tilted up to 15° from vertical

**Spraying water** Protection against water spray from all up to an angle of 60 degrees

Protection against vertical drops when mounted

in an upright position onto a turntable and

**Splashing water** Protection against splashing water from any direction

Water jets Protection against low pressure jets of water from any direction

P P fr

**Powerful Water jets** Protection against high pressure jets of water from any direction

Please note, IPX7 and IPX8 are tested using different methods from IPX6 and below. Products with IPX7 or IPX8 ratings are not necessarily protected from water jets or splashes

**Immersion up to 1m** Protection from immersion in water under defined conditions of pressure and time

**Immersion beyond 1m** Protection from immersion in water under defined conditions of pressure and time



#### LED UP/DOWN WALL LIGHTS

Provides a striking up/down lighting effect
Ideal for both indoor and outdoor use: in porches, hallways, patio areas as well as offices and studio spaces



| Height<br>100 | Projection<br>50 | (mm)  | <b>Construction:</b> 304 S<br><b>Driver:</b> Integral<br><b>Lamp type:</b> LED |            | 3<br>KRANTY |        |
|---------------|------------------|-------|--|------------|-------------|--------|
| Code          | Wattage          | Width | Finish   | Colour     | ССТ         | Lumens |
| WSS8A         | 2 x 4W           | 100mm | Anthracite   | Warm White | 3500K       | 450lm  |
| WSS8BC        | 2 x 4W           | 100mm | Brushed Chrome   | Warm White | 3500K       | 450lm  |
| WSS8W         | 2 x 4W           | 100mm | White  | Warm White | 3500K       | 450lm  |
| WSM16A        | 2 x 8W           | 180mm | Anthracite   | Warm White | 3500K       | 880lm  |
| WSM16BC       | 2 x 8W           | 180mm | Brushed Chrome   | Warm White | 3500K       | 880lm  |
| WSM16W        | 2 x 8W           | 180mm | White  | Warm White | 3500K       | 880lm  |

Important: Some of our outdoor lighting products may not be suitable for use in coastal areas where salt corrosion is prevalent.

#### **OUTDOOR WALL LIGHTS**

#### WALL1L WALL LIGHT

WALL2L

Construction: 304 Stainless Steel (WALL1LBK: Die-cast Aluminium) Lamp type: GU10 LED



Diameter

60mm

64mm

60mm



Projection

86mm

94mm

86mm

| Code     | Finish          |
|----------|-----------------|
| WALL1L   | Stainless Steel |
| WALL1LBK | Black           |
| WALL1LC  | Copper Effect   |

UP / DOWN WALL LIGHT Construction: 304 Stainless Steel (WALL2LBK: Die-cast Aluminium)

| 112mm |  |
|-------|--|
| 120mm |  |
|       |  |
|       |  |

Height

120mm



Base Ø

78mm

78mm

78mm



| Lamp type: GU10 LED |                 |        |          |        |            |
|---------------------|-----------------|--------|----------|--------|------------|
| Code                | Finish          | Height | Diameter | Base Ø | Projection |
| WALL2L              | Stainless Steel | 162mm  | 60mm     | 78mm   | 86mm       |
| WALL2LBK            | Black           | 166mm  | 64mm     | 78mm   | 94mm       |
| WALL2LC             | Copper Effect   | 162mm  | 60mm     | 78mm   | 86mm       |



Construction: 304 Stainless Steel (WALL3LBK: Die-cast Aluminium) Lamp type: GU10 LED





| Code     | Finish          | Height | Diameter | Base Ø | Projection |
|----------|-----------------|--------|----------|--------|------------|
| WALL3L   | Stainless Steel | 140mm  | 60mm     | 78mm   | 155mm      |
| WALL3LBK | Black           | 145mm  | 64mm     | 78mm   | 166mm      |
| WALL3LC  | Copper Effect   | 140mm  | 60mm     | 78mm   | 155mm      |



SEE PAGE 264

Important:

Some of our outdoor lighting products may not be suitable for use in coastal areas where salt corrosion is prevalent.

#### OUTDOOR WALL LIGHTS

244

#### WALL4L UP/DOWN WALL LIGHT WITH PIR SENSOR

- · Sensor detection range 8m when mounted at 2.4m
- PIR field of detection: 110°
- Includes manual override

Construction: 304 Stainless Steel Lamp type: GU10 LED

| Code     | Finish          | Height | Diameter | Projection |
|----------|-----------------|--------|----------|------------|
| WALL4LSS | Stainless Steel | 222mm  | 60mm     | 112mm      |







#### WALL 51 WALL LIGHT WITH PIR SENSOR

- Sensor detection range 8m when mounted at 2.4m
- PIR field of detection: 110°
- Includes manual override

#### Construction: 304 Stainless Steel Lamp type: GU10 LED

| Code     | Finish          | Height | Diameter | Projection |
|----------|-----------------|--------|----------|------------|
| WALL5LSS | Stainless Steel | 184mm  | 60mm     | 112mm      |





#### Important:

Some of our outdoor lighting products may not be suitable for use in coastal areas where salt corrosion is prevalent.

#### **OUTDOOR WALL LIGHTS** 245

WALL3

#### HEAVY GAUGE WALL LIGHTS

Construction: 304 Stainless Steel Lamp type: GU10 LED

| Code  | Finish          | Height | Diameter | Base | Projection |
|-------|-----------------|--------|----------|------|------------|
| WALL1 | Stainless Steel | 108mm  | 62mm     | 76mm | 92mm       |
| WALL2 | Stainless Steel | 160mm  | 62mm     | 76mm | 92mm       |
| WALL3 | Stainless Steel | 140mm  | 62mm     | 76mm | 162mm      |

#### GROUND BOLLARD

Construction: 304 Stainless Steel Lamp type: GU10 LED

| Code    | Finish          | Height |
|---------|-----------------|--------|
| GROUND2 | Stainless Steel | 260mm  |

**Important:** Some of our outdoor lighting products may not be suitable for use in coastal areas where salt corrosion is prevalent.



FOR MATCHING SPIKE LIGHT SEE PAGE 264

WALL2

230V 50Hz

| Ĵ  |  | UMINIU                               |                |            |       | × 100  |         |                      |
|----|--|--------------------------------------|----------------|------------|-------|--------|---------|----------------------|
|    | Contempor<br>constructed   | ary lightwei<br>d with an al         | 14 1 1 1 1 1 1 |            |       |        |         |                      |
| 12 | <ul> <li>Compact si<br/>with integr</li> </ul>                     | zed outdooı<br>al LED                | lights         | -          | 1     | -      | -       | Ser.                 |
|    | Constructi<br>Driver: International Constructi                     | fe<br><b>on:</b> Alumini<br>egral    |                |            | LWAL  | LIA    |         | 230V<br>50Hz IP65    |
|    | Overall Ø  | Base Ø                               | Projection     |            | (mm)  |        | Canto a |                      |
|    | 49   | 62                                   | 80             |            |       |        | LWALL2A |                      |
|    | Code   | Wattage                              | Finish         | Colour     | ССТ   | Height | Lumens  |                      |
|    | LWALL1A  | 4W                                   | Brushed Chrome | Warm White | 3000K | 81mm   | 175lm   | NEW                  |
|    | LWALL2A  | 2 x 4W                               | Brushed Chrome | Warm White | 3000K | 135mm  | 435lm   | NEW                  |
|    | MINI ALL<br>LED ADJ<br>Construction<br>Driver: Integ<br>Lamp type: | USTABL<br><b>n:</b> Aluminiu<br>gral | E WALL LIGH    | Т          |       |        |         | 230V<br>50Hz<br>IP65 |

| Overall Ø | Base Ø  | Projection     | (mm)       |       |        | $\bigcirc$ |
|-----------|---------|----------------|------------|-------|--------|------------|
| 49        | 62      | 139            |            |       |        |            |
| Code      | Wattage | Finish         | Colour     | сст   | Lumens |            |
|           | ·····j- |                |            |       |        |            |
| LWALL3A   | 4W      | Brushed Chrome | Warm White | 3000K | 175lm  | NEW        |



FOR MATCHING SPIKE LIGHT

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SEE PAGE 267

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NH021W

NH022W

#### LED STAINLESS STEEL EXTERIOR WALL LIGHTS

Construction: 304 Stainless Steel Driver: Integral Lamp type: LED

| 230V<br>50Hz | IP44 | $\overline{\mathbf{X}}$ |  |  |
|--------------|------|-------------------------|--|--|
|--------------|------|-------------------------|--|--|

| Code   | Wattage | Finish          | Colour     | ССТ   | Height | Width | Projection | Lumens |
|--------|---------|-----------------|------------|-------|--------|-------|------------|--------|
| NH021W | 2 x 3W  | Stainless Steel | Cool White | 4000K | 147mm  | 60mm  | 95mm       | 30lm   |
| NH022W | 2 x 3W  | Stainless Steel | Daylight   | 6000K | 147mm  | 70mm  | 73mm       | 30lm   |



NH016W



NH017W

#### LED GUIDE / STAIR / WALL LIGHTS

Construction: Die-cast Aluminium Driver: Integral Lamp type: LED

| Height | Width   | Cut-out Ø | Recessed Depth | (mm)  | 230V IP44 |
|--------|---------|-----------|----------------|-------|-----------|
| 121    | 121     | 110       | 70             |       | 50Hz      |
| Code   | Wattage | Finish    | Colour         | ССТ   | Lumens    |
| NH016W | 0.8W    | Grey      | Daylight       | 6000K | 23lm      |
| NH017W | 0.8W    | Grey      | Daylight       | 6000K | 23lm      |

#### 248 OUTDOOR WALL LIGHTS



NH019W

# WHITE / BLUE RECESSED LED GUIDE LIGHTS

Construction: Die-cast Aluminium Driver: Integral Lamp type: LED

NH020W

| Height | Width   | Cut-out Ø  | Recessed Depth | (mm)  | 230V IP54 |
|--------|---------|------------|----------------|-------|-----------|
| 80     | 80      | 75         | 50             |       | 50Hz      |
| Code   | Wattage | Finish     | Colour         | ССТ   | Lumens    |
| NH020B | 1W      | Matt White | Blue           | -     | -         |
| NH020W | 1W      | Matt White | Daylight       | 6000K | 23lm      |
| NH019W | 1W      | Matt White | Daylight       | 6000K | 23lm      |



LWR4G

LWR2W

LWS2W

#### LED WALL / GUIDE LIGHTS

Construction: Aluminium Driver: Integral Lamp type: LED



| Code  | Shape  | Wattage | Finish | Colour     | ССТ   | Diame  | eter F | Projection | Lumens |
|-------|--------|---------|--------|------------|-------|--------|--------|------------|--------|
| LWR2G | Round  | 2W      | Grey   | Warm White | 3500K | 115m   | m 2    | 28mm       | 100lm  |
| LWR2W | Round  | 2W      | White  | Warm White | 3500K | 115m   | m 2    | 28mm       | 100lm  |
| LWR4G | Round  | 4W      | Grey   | Warm White | 3500K | 220m   | m 2    | 28mm       | 210lm  |
| LWR4W | Round  | 4W      | White  | Warm White | 3500K | 220m   | m 2    | 28mm       | 210lm  |
|       |        |         |        |            |       |        |        |            |        |
| Code  | Shape  | Wattage | Finish | Colour     | ССТ   | Height | Width  | Projection | Lumens |
| LWS2G | Square | 2W      | Grey   | Warm White | 3500K | 105mm  | 105mm  | 28mm       | 100lm  |
| LWS2W | Square | 2W      | White  | Warm White | 3500K | 105mm  | 105mm  | 28mm       | 100lm  |
| LWS4G | Square | 4W      | Grey   | Warm White | 3500K | 200mm  | 200mm  | 28mm       | 200lm  |
| LWS4W | Square | 4W      | White  | Warm White | 3500K | 200mm  | 200mm  | 28mm       | 200lm  |

- Suitable for both indoor and outdoor applications
- Low maintenance
- Surface mounted for directional, focused, soft lighting



230V

50Hz

R

RWL5W

LED GUIDE LIGHTS Construction: Aluminium

Driver: Integral Lamp type: LED

| Code  | Wattage | Finish     | Colour     | ССТ   | Height | Width | Projection | Lumens |
|-------|---------|------------|------------|-------|--------|-------|------------|--------|
| RWL2A | 2W      | Anthracite | Warm White | 3500K | 140mm  | 100mm | 32mm       | 105lm  |
| RWL2W | 2W      | White      | Warm White | 3500K | 140mm  | 100mm | 32mm       | 105lm  |
| RWL5A | 5W      | Anthracite | Warm White | 3500K | 70mm   | 200mm | 33mm       | 230lm  |
| RWL5W | 5W      | White      | Warm White | 3500K | 70mm   | 200mm | 33mm       | 230lm  |



### ADJUSTABLE UP / DOWN WALL LIGHTS

- Adjustable beam angle, from 0° to 100°
- Independently adjustable lighting effect

Construction: Die-cast Aluminium Driver: Integral Lamp type: CoB LED

| Height  | Width | Project | ion (mm)   |            | 230V<br>50Hz | IP65 | $\langle \mathbf{X} \rangle$ | $\bigcirc$ | 3                |     |
|---------|-------|---------|------------|------------|--------------|------|------------------------------|------------|------------------|-----|
| 125     | 100   | 100     |            |            | SUHZ         |      | $\times \times$              |            | YEAR<br>WARRANTY |     |
| Code    | Wat   | ttage   | Finish     | Colour     | CC.          | г    | Lumen                        | IS         |                  |     |
| WAD12A  | 2 x   | 6W      | Anthracite | Warm White | 30           | ООК  | 2 x 330                      | Olm        |                  | NEW |
| WAD12BK | 2 x   | 6W      | Matt Black | Warm White | 30           | ООК  | 2 x 330                      | Olm        |                  | NEW |



#### LED ROUND WALL LIGHT WITH INTERCHANGEABLE PLATE

• Supplied with 2 magnetic interchangeable plate options

Construction: Die-cast Aluminium Driver: Integral Lamp type: LED

| Overall Ø | Projection | (mm)       | 23         | 30V<br>DHz IP54 | CAR VEAR WARRANTY | $\square$ |
|-----------|------------|------------|------------|-----------------|-------------------|-----------|
| 155       | 48         |            | 50         | OHz             |                   |           |
| Code      | Wattage    | Finish     | Colour     | ССТ             | Lumens            |           |
| RD10BK    | 10W        | Matt Black | Warm White | 3000K           | 570lm             | NEW       |



#### LED BRICKLIGHT

• Supplied complete with 2 fascia plates - Plain and louvre/grille

Construction: Aluminium Driver: Integral Lamp type: LED

| Height | Lengt | h Recessed | Depth  | Cut-out L/H/I | ) (mm)    | 230  | IP5/ | $\sim$     | $\bigcirc$ | 3                | $\bigcirc$ |
|--------|-------|------------|--------|---------------|-----------|------|------|------------|------------|------------------|------------|
| 101    | 235   | 70         |        | 226 x 86 x 70 |           | 50Hz |      | $\searrow$ |            | YEAR<br>WARRANTY |            |
| Code   |       | Wattage    | Finish |               | Colour    | C    | ст   | Lumen      | s          |                  |            |
| BLED5E | BB    | 5W         | Black  |               | Blue      | -    |      | -          |            |                  |            |
| BLED5E | BW    | 5W         | Black  |               | Warm Whit | te 3 | 500K | 110lm      |            |                  |            |
| BLED55 | в     | 5W         | Brush  | ed Steel      | Blue      | -    |      | -          |            |                  |            |
| BLED55 | W     | 5W         | Brush  | ed Steel      | Warm Whit | te 3 | 500K | 110lm      |            |                  |            |



#### 254 **OUTDOOR WALL LIGHTS**



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Construction: 201 Stainless Steel Driver: Not Required Lamp type: E27 (40W max.)

NH027

NH028S

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| Height<br>276 | Width<br>205            | (mm)            | 230V<br>50Hz IP44 |
|---------------|-------------------------|-----------------|-------------------|
| Code          | Model                   | Finish          | Projection        |
| NH027         | Window Fascia           | Stainless Steel | 90mm              |
| NH027S        | Window Fascia with PIR  | Stainless Steel | 96mm              |
| NH028         | Slotted Fascia          | Stainless Steel | 90mm              |
| NH028S        | Slotted Fascia with PIR | Stainless Steel | 96mm              |

#### Important:

Some of our outdoor lighting products may not be suitable for use in coastal areas where salt corrosion is prevalent.

#### E27 WALL LANTERN

- Sensor detection range 5m when mounted at 1.5m
- Timer: 4 minutes No manual override

#### Construction: Die-cast Aluminium Driver: Not Required Lamp type: E27 (60W max.)

| Height | Width    | Projection | (mm) |
|--------|----------|------------|------|
| 365    | 165      | 98         |      |
| Code   | Model    | Finish     |      |
| 5401A  | With PIR | Black      |      |









#### GLOBE WALL LIGHT

- Sensor detection range 8m when mounted at 1.5m
- Timer: 10 secs to 8 mins
  No manual override

Construction: Stainless Steel / Glass Driver: Not Required Lamp type: E27 (60W max.)

| Overall Ø | Height   | Projection     | (mm) |
|-----------|----------|----------------|------|
| 200       | 425      | 275            |      |
|           |          |                |      |
| Code      | Model    | Finish         |      |
| NH0112DS  | With PIR | Brushed Chrome |      |









#### STAINLESS STEEL LANTE

- Stainless steel with clear glass
  Powder-coated finish
  LED compatible

Height

200

Construction: 304 Stainless Steel Driver: Not Required Lamp type: E27 (40W max.)

Width

120

| RN |  |
|----|--|
|    |  |

(mm)

Projection

150



| Code   | Finish         |
|--------|----------------|
| LANTBK | Anthracite     |
| LANTSS | Brushed Chrome |

H: 100 W:78

Base

#### EXTERIOR LED LANTERNS

- Durable, corrosion-resilient construction
- Low-maintenance, long-life and energy efficient
- Sensor detection angle 90° with manual override (PIR models)

Construction: Polycarbonate Driver: Integral Lamp type: LED

| Height | Width   | Base Ø   | Projection ( | (mm) 230\   | 25/     |          | <b>3</b>                          |       |
|--------|---------|----------|--------------|-------------|---------|----------|-----------------------------------|-------|
| 375    | 177     | 97       | 230          | 50H:        |         | $\times$ | LAMP<br>INCLUDED YEAR<br>WARRANTY | لك) ( |
| Code   | Wattage | Model    | Fin          | nish Colou  | r C     | ст       | Lumens                            |       |
| LANT1  | 8W      | Standar  | d Bla        | ack Cool \  | Vhite 4 | 000K     | 400lm                             |       |
| LANT1W | 8W      | Standar  | d Wh         | nite Cool V | Vhite 4 | 000K     | 400lm                             |       |
| LANT2  | 8W      | With PIF | R Bla        | ack Cool \  | Vhite 4 | 000K     | 400lm                             |       |
| LANT2W | 8W      | With PIF | R Wh         | nite Cool V | Vhite 4 | 000K     | 400lm                             |       |

| <ul> <li>Sensor de<br/>(PIR mode</li> <li>Constructio</li> <li>Driver: Integrity</li> </ul> | etection angle 9(<br>els)<br><b>n:</b> Polycarbonat<br>gral | LF-LANTERNS<br>3° with manual overrid<br>e | e      | Î          |       |        | 230V<br>50Hz |  |
|---|---|--|--------|------------|-------|--------|--------------|--|
| Lamp type:<br>Height  | Width   | Projection                                 | (mm)   |            |       | 5      |              |  |
| 362   | 175   | 99   | (1111) |            | 1.4   | 1      |              |  |
| 302   | 1/2   | 77   |        |            |       |        | WARRANTY     |  |
| Code  | Wattage   | Model                                      | Finish | Colour     | ССТ   | Lumens | 5            |  |
| LANT3   | 8W  | Standard                                   | Black  | Cool White | 4000K | 270lm  |              |  |
| LANT3W  | 8W  | Standard                                   | White  | Cool White | 4000K | 270lm  |              |  |
| LANT4   | 8W  | With PIR                                   | Black  | Cool White | 4000K | 270lm  |              |  |
| LANT4W  | 8W  | With PIR                                   | White  | Cool White | 4000K | 270lm  |              |  |
| Important:  |   |  |        |            |       |        |              |  |

Important: Some of our outdoor lighting products may not be suitable for use in coastal areas where salt corrosion is prevalent.



#### GU10 WALL LIGHT

Construction: 304 Stainless Steel Driver: Not Required Lamp type: GU10 LED





E27 OUTDOOR WALL LIGHT

Construction: Die-cast Aluminium Driver: Not Required Lamp type: E27 (20W max.)

HeightWidthProjection(mm)245108148CodeFinishOL01WBlack



FOR MATCHING BOLLARDS

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SEE PAGE 268



#### PAR38 SPIKE LIGHTS

Construction: Thermoplastic Lamp type: E27 (80W max.)

| Overall Ø | Height  | Spike Length         | (mm) |
|-----------|---------|----------------------|------|
| 75        | 250     | 205                  |      |
| Code      | Model   |                      |      |
| 1SPIKE38  | 1 X 80W | / Single Spike Light |      |
| 2SPIKE38  | 2 X 80W | / Twin Spike Light   |      |



#### PAR38 WALL LIGHTS

Construction: Thermoplastic Lamp type: E27 (80W max.)

| Overall Ø | Base Ø    | Projection       | (mm) |
|-----------|-----------|------------------|------|
| 75        | 98        | 225              |      |
| Code      | Model     |                  |      |
| 1WALL38   | 1 X 80W 9 | ingle Wall Light |      |
| 2WALL38   | 2 X 80W 1 | win Wall Light   |      |





# **Knightsbridge Committed** to a brighter future

At Knightsbridge, we believe in looking after our customers and looking after our planet This philosophy is important to us and is why we have started to apply it to the way we package and present our products.

We are now working in conjunction with the FSC® moving towards 100% recyclable / 100% recycled packaging solutions. Look out for the FSC<sup>®</sup> label on our certified packaging.

This is our plan, this is our commitment to a brighter future.



BIO-DEGRADABLE ACKAGING



ENVIRONMENTALLY APPROPRIATE forest management ensures that the harvest of timber and non-timber

products maintains the

forest's biodiversity,

ecological processes.

productivity, and





SOCIALLY BENEFICIAL forest management helps

both local people and society at large to enjoy long term benefits and also provides strong incentives to local people to sustain the forest resources and adhere to long-term management plans.



RECYCLABLE

CKAGING

#### ECONOMICALLY

VIABLE forest management means that forest operations are structured and managed so as to be sufficiently profitable, without generating financial profit at the expense of the forest resource, the ecosystem, or affected communities.



# OUTDOOR LIGHTING

Spike lights are perfect for illuminating garden walkways, flower beds, water features and more. With picturesque results, these are an Instagram favourite!

| GU10 Spike Lights       | 264-265 |
|-------------------------|---------|
| ED Spike Lights         | 266-267 |
| Bollard & Post Lighting | 268-269 |

Note: Some of our outdoor products may not be suitable for use in coastal areas where salt corrosion is prevalent

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#### BLACK SPIKE LIGHT

- Supplied with 1.5m cable
- Supplied with wall mount and ground spike

Construction: Die-cast Aluminium Driver: Not Required Lamp type: GU10 LED

| Overall Ø | Height | Spike Length | (mm) |
|-----------|--------|--------------|------|
| 65        | 330    | 173          |      |
| Code      | Finish |              |      |
| SPIKEGUBK | Black  |              |      |





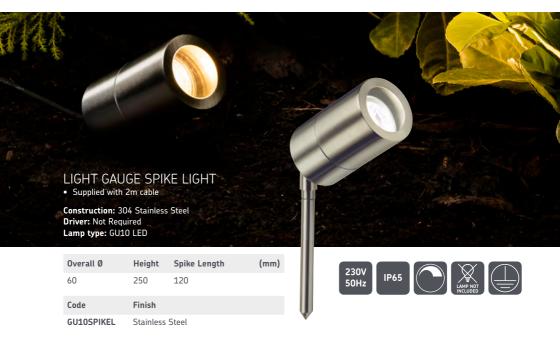
#### SPIKE LIGHTS

• Supplied with 3m cable

Construction: 304 Stainless Steel (GU10SPIKE) / Die-cast Aluminium (GU10SPIKEBK) Driver: Not Required Lamp type: GU10 LED

| Overall Ø          | Height    | Spike Length | (mm) |
|--------------------|-----------|--------------|------|
| 63                 | 250       | 120          |      |
| Code               | Finish    |              |      |
| <b>GU10SPIKE</b>   | Stainless | Steel        |      |
| <b>GU10SPIKEBK</b> | Black     |              |      |





#### **GROUND SPIKE LIGHT**

• Supplied with 2m cable

Construction: Die-cast Aluminium Driver: Not Required Lamp type: GU10 LED

| Overall Ø | Height   | Spike Length  | (mm) |
|-----------|----------|---------------|------|
| 98        | 345      | 165           |      |
| Code      | Finish   |               |      |
| SPIKE50BL | Black    |               |      |
|           |          |               |      |
| SPIKEXT   | Ground S | opike – Black |      |



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#### EXTENSION SPIKES

Construction: Stainless Steel

| Code | Finish          | Height |
|------|-----------------|--------|
| EXT2 | Stainless Steel | 604mm  |
| EXT3 | Black           | 604mm  |

#### GROUND SPIKE LIGHT

- Wall-mountable option
- Supplied with 2m cable

Construction: Die-cast Aluminium / Spike - Polycarbonate Driver: Not Required Lamp type: GU10 LED (10W max.)

| Overall Ø       | Height | Spike Length | (mm) |
|-----------------|--------|--------------|------|
| 98              | 326    | 170          |      |
| Code            | Finish |              |      |
| GUSPBK          | Black  |              |      |
| GUSPGR          | Grey   |              |      |
|                 |        |              |      |
| SPIKEXT1        | Black  |              |      |
|                 |        |              |      |
| 230V<br>50Hz IP | P65    |              |      |
|                 |        |              |      |
|                 |        |              |      |
|                 |        |              |      |
|                 |        |              |      |
|                 |        |              |      |

#### Important: Some of our outdoor lighting products may not be suitable for use in coastal areas where salt corrosion is prevalent.

#### LED BLACK SPIKE LIGHT

- Supplied with 3m cable
- Supplied with wall mount and spike

Construction: Die-cast Aluminium Lamp type: CoB LED

| Overall Ø | Height  | Spike Leng | jth (m     | ım)   |        |     |
|-----------|---------|------------|------------|-------|--------|-----|
| 60        | 305     | 173        |            |       | V      |     |
| Code      | Wattage | Finish     | Colour     | ССТ   | Lumens |     |
| SPIKE4BL  | 4W      | Black      | Warm White | 3000K | 335lm  | NEW |

230V

50Hz

230V

50Hz

IP65

IP65



#### LED BLACK SPIKE LIGHT • Supplied with 2m cable

Construction: 304 Stainless Steel Bezel, Die-cast Aluminium Body Lamp type: CoB LED

| Overall Ø | Height  | Spike Lengt | h       | (mm) |       | V      |     |  |
|-----------|---------|-------------|---------|------|-------|--------|-----|--|
| 95        | 340     | 210         |         |      |       | Y      |     |  |
| Code      | Wattage | Finish      | Colour  |      | сст   | Lumens |     |  |
| SPIKE5A   | 6W      | Black       | Warm Wh | ite  | 3000K | 380lm  | NEW |  |

# 266 SPIKE LIGHTS

|  | E 2  |  |                             |                     |                 | - A | CON.              | Ж |
|--|--|--|-----------------------------|---------------------|-----------------|-----|-------------------|---|
|  |  | A REAL   |                             |                     |                 |     |                   |   |
|  | ith 2m cable<br>: 304 Stainless  | s Steel  |                             | ×                   |                 |     | 230V<br>50Hz IP65 |   |
| Lamp type: C   |  | Spike Length   | (10000)                     |                     |                 |     |                   |   |
| Overall Ø  | Height<br>255  | 110  | (mm)                        |                     | V               |     |                   |   |
|  |  |  |                             |                     | V               |     |                   |   |
| Code<br>SPIKE5S  | Wattage<br>6W  | <b>Finish</b><br>Stainless Steel   | <b>Colour</b><br>Warm White | <b>ССТ</b><br>3000К | Lumens<br>360lm | NEW |                   |   |
|  |  |  |                             |                     |                 |     |                   |   |
| Construction<br>Lamp type: (   | KE LIGHT<br>1: Aluminium<br>CoB LED  |  |                             |                     |                 |     | 230V<br>50Hz IP65 |   |
| LED SPI<br>Construction<br>Lamp type: (<br>Overall Ø   | KE LIGHT<br>a: Aluminium<br>CoB LED<br>Height  | Spike Length   | (mm)                        |                     |                 |     |                   |   |
| LED SPI<br>Construction<br>Lamp type: (  | KE LIGHT<br>1: Aluminium<br>CoB LED  | Spike Length<br>110  | (mm)                        |                     |                 |     |                   |   |
| LED SPI<br>Construction<br>Lamp type: (<br>Overall Ø   | KE LIGHT<br>a: Aluminium<br>CoB LED<br>Height  |  | (mm)<br>Colour              | ССТ                 | Lumens          |     |                   |   |
| LED SPI<br>Construction<br>Lamp type: (1)<br>Overall Ø<br>49<br>Code<br>LSPIKEA<br>LED SPI<br>• 350mA cor<br>Construction                                    | KE LIGHT<br>i: Aluminium<br>CoB LED<br>Height<br>227<br>Wattage<br>4W<br>KE LIGHT<br>istant current<br>: 304 Stainless<br>ired (see page | 110<br>Finish<br>Brushed Chrome<br>driver required   |                             | <b>ССТ</b><br>3000К | Lumens<br>175lm |     |                   |   |
| LED SPI<br>Construction<br>Lamp type: (1)<br>Overall Ø<br>49<br>Code<br>LSPIKEA<br>LED SPI<br>+ 350mA cor<br>Construction<br>Driver: Requi                   | KE LIGHT<br>i: Aluminium<br>CoB LED<br>Height<br>227<br>Wattage<br>4W<br>KE LIGHT<br>istant current<br>: 304 Stainless<br>ired (see page | 110<br>Finish<br>Brushed Chrome<br>driver required   | Colour                      |                     |                 |     |                   |   |
| LED SPI<br>Construction<br>Lamp type: (1<br>Overall Ø<br>49<br>Code<br>LSPIKEA<br>LED SPI<br>• 350mA cor<br>Construction<br>Driver: Requi<br>Lamp type: (1)  | KE LIGHT<br>Height<br>227<br>Wattage<br>4W<br>KE LIGHT<br>Istant current<br>: 304 Stainless<br>red (see page<br>isob LED                 | 110<br>Finish<br>Brushed Chrome<br>driver required<br>s Steel<br>376)                        | Colour<br>Warm White        |                     |                 |     |                   |   |
| LED SPI<br>Construction<br>Lamp type: (1<br>0verall Ø<br>49<br>Code<br>LSPIKEA<br>• 350mA cor<br>Construction<br>Driver: Requi<br>Lamp type: (1<br>0verall Ø | KE LIGHT<br>Height<br>227<br>Wattage<br>4W<br>KE LIGHT<br>Istant current<br>: 304 Stainless<br>red (see page<br>isb LED<br>Height        | 110<br>Finish<br>Brushed Chrome<br>Brushed Chrome<br>Steel<br>Steel<br>Steel<br>Spike Length | Colour<br>Warm White        |                     |                 |     |                   |   |

Some of our outdoor lighting products may not be suitable for use in coastal areas where salt corrosion is prevalent.



0L01W

#### E27 OUTDOOR WALL LIGHT, PEDESTAL AND BOLLARD

• Opal polycarbonate 360° diffuser

Construction: Die-cast Aluminium Driver: Not Required Lamp type: E27 (20W max.)



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OL01B

•

| Code  | Model      | Finish | Height | Width | Depth | Projection |     |
|-------|------------|--------|--------|-------|-------|------------|-----|
| OL01W | Wall Light | Black  | 245mm  | 108mm | -     | 148mm      | NEW |
| OL01P | Pedestal   | Black  | 265mm  | 108mm | 108mm | -          | NEW |
| OL01B | Bollard    | Black  | 650mm  | 108mm | 108mm | -          | NEW |

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GDL2



Construction: 304 Stainless Steel Lamp type: GU10 LED



GDL3

| Code      | Model                          | Diameter | Height | Projection |
|-----------|--------------------------------|----------|--------|------------|
| GDL1      | GU10 Wall Light                | 102mm    | 195mm  | 144mm      |
| GDL2      | GU10 Bollard                   | 102mm    | 650mm  | -          |
| GDL3      | GU10 Bollard                   | 102mm    | 1100mm | -          |
| GDLMK23   | Mounting Kit for GDL2 and GDL3 | 135mm    | 155mm  | -          |
| GDLSPIKE2 | Ground Spike for GDL2          | 87mm     | 400mm  | -          |

Important:

Some of our outdoor lighting products may not be suitable for use in coastal areas where salt corrosion is prevalent.

# BOLLARD & POST LIGHTING 269



# OUTDOOR LIGHTING GROUNDLIGHTS & DECK LIGHTING

Lighting that is ideal for driveways, garden walkways, patios and decking areas. These luminaries are small and discreet, but provide effective guiding illumination

#### Groundlights

|    | GU10 Groundlights                           | 272 |  |
|----|---|-----|--|
|    | LED Groundlights / Goundlight with Half Lip | 273 |  |
|    | LED Groundlights / LED Shallow Groundlights | 274 |  |
|    | CoB LED Groundlights                        | 275 |  |
|    | LED Interchangeable Wall/Groundlights       | 276 |  |
|    |   |     |  |
| De | ck Lighting                                 |     |  |
|    | LED Decking Kit                             | 276 |  |
|    | LED Decking Lights                          | 277 |  |
|    | Ground Preparation Guide                    | 278 |  |
|    |   |     |  |
| nf | rared Heaters                               | 279 |  |

Note: Some of our outdoor products may not be suitable for use in coastal areas where salt corrosion is prevalent

## GROUNDLIGHTS & DECK LIGHTING 271

#### GU10 GROUNDLIGHT

Construction: 304 Stainless Steel Driver: Not Required Lamp type: GU10 LED

| Bezel  | Cut-out | Sleeve Ø | Recessed Depth (mm) |
|--------|---------|----------|---------------------|
| 105    | 80      | 92       | 150                 |
| Code   | Model   |          |                     |
| WGULEN | Round   |          |                     |







WGULED

#### GU10 GROUNDLIGHT

Construction: 304 Stainless Steel Driver: Not Required Lamp type: GU10 LED

| Cut-out | Sleeve Ø | Recessed Depth | (mm) |
|---------|----------|----------------|------|
| 80      | 92       | 132            |      |

WSGULED

| 9 |  |
|---|--|
|   |  |
| 0 |  |
|   |  |

WHGULED



| Code    | Model   | Bezel         |
|---------|---------|---------------|
| WGULED  | Round   | 105mm         |
| WSGULED | Square  | 100mm x 100mm |
| WHGULED | Hexagon | 115mm x 100mm |

#### 316 STAINLESS STEEL GU10 GROUNDLIGHT

Construction: 316 Stainless Steel Driver: Not Required Lamp type: GU10 LED

| Bezel   | Cut-out     | Sleeve Ø | Recessed Depth (mm) |
|---------|-------------|----------|---------------------|
| 101     | 80          | 95       | 190                 |
| Code    | Model       |          |                     |
| 316WALK | 316 Stainle | ss Steel |                     |





# **GROUNDLIGHTS & DECK LIGHTING**



#### LED GROUNDLIGHTS

- Ideal for driveways and decking, safe for indoor and outdoor use
- Supplied with 2 metre outdoor flexible cable

Construction: 304 Stainless Steel Driver: Integral Lamp type: LED

CAPWGU

Stainless Steel

| Bezel Ø | Cut-out Ø |              | Recessed Depth (mm) |       |        |           |
|---------|-----------|--------------|---------------------|-------|--------|-----------|
| 92      | 61        | 78           | 94                  |       |        | DRIVEOVER |
| Code    | Wattage   | Model        | Colour              | ССТ   | Lumens |           |
| LEDGL3W | 3W        | Stainless St | eel Warm White      | 3000K | 270lm  |           |
| LEDGL3D | 3W        | Stainless St | eel Daylight        | 6000K | 290lm  |           |



230V

50Hz

IP65

#### LED GROUNDLIGHTS

• Pre-wired with 1.5m cable **Construction:** Stainless Steel & Aluminium **Driver:** integral Lamp type: LED



Bezel Ø Cut-out Ø Sleeve Ø **Recessed Depth** (mm) 62 50 60 82.5 Code Wattage Finish Colour ССТ Lumens LEDM07B 1.5W Stainless Steel Blue LEDM07W 1.5W Cool White 4000K 70lm Stainless Steel



#### LED SHALLOW GROUNDLIGHTS

- Pre-wired with 2.5m cable
  Supplied with polycarbonate housing
- · This fitting is extremely shallow making it very versatile

Construction: Stainless Steel & Aluminium Driver: Integral Lamp type: LED



# **GROUNDLIGHTS & DECK LIGHTING**



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### COB LED GROUNDLIGHTS

Pre-wired with 2m cable

Construction: 304 Stainless Steel Driver: Integral Lamp type: CoB LED

| Code  | Wattage | Finish          | Colour     | ССТ   | Bezel Ø | Sleeve Ø | Recessed Depth | Lumens |
|-------|---------|-----------------|------------|-------|---------|----------|----------------|--------|
| LDGL5 | 5W      | Stainless Steel | Warm White | 3000K | 68mm    | 60mm     | 80mm           | 240lm  |
| LDGL6 | 6W      | Stainless Steel | Warm White | 3000K | 129mm   | 114mm    | 70mm           | 405lm  |
| LDGL9 | 9W      | Stainless Steel | Warm White | 3000K | 160mm   | 144mm    | 88mm           | 610lm  |









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#### LED INTERCHANGEABLE WALL MARKER / GROUNDLIGHTS

- Supplied with 3 interchangeable chrome effect polycarbonate heads for directional light output
- Suitable for ground and wall installation
- Pre-wired with 2m cable

Construction: Stainless Steel & Polycarbonate Driver: Integral Lamp type: LED



|         |           |                |             |       |        |      | 230V               |                     |  |
|---------|-----------|----------------|-------------|-------|--------|------|--------------------|---------------------|--|
| Bezel Ø | Cut-out Ø |                | Recessed De | pth   |        | (mm) | 50Hz               | IP65                |  |
| 38      | 32        |                | 48          |       |        |      |                    | $\overline{\Omega}$ |  |
| Code    | Wattage   | Finish         | Colour      | ССТ   | Lumens |      | $\bigtriangledown$ |                     |  |
| LEDM06B | 0.6W      | Brushed Nickel | Blue        | -     | -      |      | २                  |                     |  |
| LEDM06W | 0.6W      | Brushed Nickel | Daylight    | 6000K | 50lm   |      | YEAR<br>WARRANTY   |                     |  |

#### LED DECKING KIT

• 10 x 0.2W LED

Stainless steel bezels supplied as standard



230V

50Hz

IP65

Construction: Polycarbonate Driver: Included Lamp type: LED

| Bezel Ø | Cut-out Ø | Recessed Depth  |            |       |        | (mm) |
|---------|-----------|-----------------|------------|-------|--------|------|
| 30      | 25        | 27              |            |       |        |      |
| Code    | Wattage   | Finish          | Colour     | ССТ   | Lumens |      |
| KIT16WW | 2.2W      | Stainless Steel | Warm White | 3000K | 105lm  | NEW  |
| KIT16W  | 2.2W      | Stainless Steel | Daylight   | 6000K | 90lm   |      |
| KIT16B  | 2.2W      | Stainless Steel | Blue       | -     | -      |      |



#### LED DECKING LIGHTS (1W) • Weight load: 500kg

Construction: 304 Stainless Steel Driver: Integral Lamp type: LED

| Bezel Ø | Cut-out Ø | Sleeve Ø    | Recessed Depth (mm) |
|---------|-----------|-------------|---------------------|
| 62      | 40        | 60          | 90                  |
| Code    | Wattage   | Finish      | Colour              |
| HPLED1W | 1W        | Stainless S | Steel Daylight      |





# CONSTANT CURRENT

LED DECKING LIGHTS • 350mA constant current driver required Construction: 304 Stainless Steel Driver: Required - see page 376 Lamp type: LED

| Bezel Ø | Cut-out Ø | Recessed Depth  | (mm)     |
|---------|-----------|-----------------|----------|
| 60      | 50        | 40              |          |
| Code    | Wattage   | Finish          | Colour   |
| 1IPB    | 1W        | Stainless Steel | Blue     |
| 1IPW    | 1W        | Stainless Steel | Daylight |





#### LED DECKING LIGHTS (0.5W)

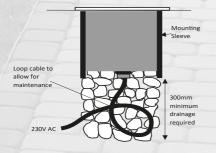
• 24V constant voltage

Construction: 304 Stainless Steel Driver: Required Lamp type: LED

| Bezel Ø | Cut-out Ø | Recessed Depth  | (mm)       |
|---------|-----------|-----------------|------------|
| 36      | 28        | 59              |            |
| Code    | Wattage   | Finish          | Colour     |
| 4IPB    | 0.5W      | Stainless Steel | Blue       |
| 4IPW    | 0.5W      | Stainless Steel | Cool White |



# RECOMMENDED GROUND PREPARATION (IP65)



Ensure there is a minimum 300mm 'hole' below the fitting, fill with loose gravel or pea shingle

Test hole by filling with water which should drain away within 30 minutes

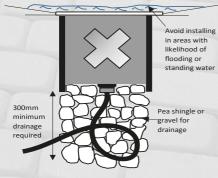
Leave cable loop in gravel to allow access and extraction of fitting

Final circuit connection Use IP68 connection boxes which are gel filled if buried

Joint should be accessible for repair or maintenance

All outdoor circuits should be protected by either an RCD or RCBO





For areas with a low water table or likely to flood leaving 'standing water', IP65 fittings should be avoided.

Fittings with IP67 or IP68 ratings should be used in these installations



#### **INFRARED HEATERS**

Pre-wired with 3m cable
Wall and pole bracket supplied

Construction: Die-cast aluminium Driver: Not required Lamp type: R7s

| Height     | Length  | Depth                    | (mm) |
|------------|---------|--------------------------|------|
| 245        | 345     | 179                      |      |
| Code       | Wattage | Model                    |      |
| HEOD1309BK | 1300W   | Black                    |      |
| HEOD1309W  | 1300W   | White                    |      |
| HEOT1300W  | 1300W   | 254mm 130<br>Double Ende |      |





# OUTDOOR LIGHTING

Floodlights provide an ultra-high lumen solution to any outdoor space. This range includes RGB and security spotlight models

| Lightweight LED Floodlights    | 282 |
|--------------------------------|-----|
| LED Floodlights                | 283 |
| High Power LED Floodlights     | 284 |
| RGB LED Floodlights            | 285 |
| LED Security Spotlights        | 286 |
| Twin spot security floodlights | 287 |
| HQI and SON Floodlights        | 288 |

**Note:** Some of our outdoor products may not be suitable for use in coastal areas where salt corrosion is prevalent

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#### LIGHTWEIGHT LED FLOODLIGHTS

- This new range of LED floodlights offers the user quality and versatility, with the ability to add either PIR or Microwave Sensors
- · High lumen produces in excess of 105lm per watt
- Easy-install with angled brackets and built-in connector, meaning no outdoor connections and faster installations

#### Construction: Die-cast Aluminium Lamp type: LED







Angled bracket for easy installation

Easy install built-in connector



#### Low profile design

| Code  | Wattage | Colour     | ССТ   | Height | Width | Projection | Lumens |     |
|-------|---------|------------|-------|--------|-------|------------|--------|-----|
| FLN10 | 10W     | Cool White | 4000K | 70mm   | 95mm  | 29mm       | 1050lm | NEW |
| FLN20 | 20W     | Cool White | 4000K | 95mm   | 135mm | 29mm       | 2100lm | NEW |
| FLN30 | 30W     | Cool White | 4000K | 110mm  | 160mm | 29mm       | 3150lm | NEW |
| FLN50 | 50W     | Cool White | 4000K | 145mm  | 200mm | 29mm       | 5250lm | NEW |



| Code   | Model               |     |
|--------|---------------------|-----|
| FLNPIR | PIR Accessory       | NEW |
| FLNMIC | Microwave Accessory | NEW |



# 282 FLOODLIGHTS



#### LED FLOODLIGHTS

Exclusive to Knightsbridge, this range of floodlights is manufactured from die-cast aluminium with anti-glare fascia. Ideal for domestic and commercial installations

- Instant ignition and high lumen output with driver-on-board SMD LED technology
- · Installation is via easy-fix angled mounting bracket
- Internal junction box enables the installer to wire directly to the fixture without the need for external connections and boxes
- PIR sensor versions also available with override function, adjustable time, sensitivity, and lux levels

Construction: Die-cast aluminium Lamp type: LED PIR field of detection: 120°



Angled bracket for easy installation



Internal junction box for direct wiring



Lux, time and range adjustment on PIR models, with manual override function

| 230V<br>50Hz IP65 Q S<br>ILLING<br>INCLUDED 3<br>VARIANTY |
|---|
|---|

| Code   | Wattage | Model    | Colour     | ССТ   | Height | Width | Projection | Lumens |
|--------|---------|----------|------------|-------|--------|-------|------------|--------|
| FLR10  | 10W     | Standard | Cool White | 4000K | 105mm  | 130mm | 53mm       | 800lm  |
| FLR20  | 20W     | Standard | Cool White | 4000K | 125mm  | 150mm | 53mm       | 1600lm |
| FLR30  | 30W     | Standard | Cool White | 4000K | 160mm  | 185mm | 63mm       | 2400lm |
| FLR50  | 50W     | Standard | Cool White | 4000K | 205mm  | 225mm | 63mm       | 4000lm |
| FLR10P | 10W     | With PIR | Cool White | 4000K | 140mm  | 130mm | 53mm       | 800lm  |
| FLR20P | 20W     | With PIR | Cool White | 4000K | 155mm  | 150mm | 53mm       | 1600lm |
| FLR30P | 30W     | With PIR | Cool White | 4000K | 190mm  | 185mm | 63mm       | 2400lm |
| FLR50P | 50W     | With PIR | Cool White | 4000K | 230mm  | 225mm | 63mm       | 4000lm |

### UP TO **18400** LUMENS



#### HIGH POWER LED FLOODLIGHTS

LED Floodlights with high lumen output and instant ignition makes this luminaire ideal for security / high level illumination in commercial, retail, and industrial environments

- Internal terminal block on the rear allows for direct wiring
- · Energy efficient low maintenance with high output
- · Fortified bracket and fastenings

Construction: Die-cast aluminium Driver: Integral Lamp type: LED



Internal terminal block for direct wiring

|--|

| Code    | Wattage | Colour     | ССТ   | Height | Width | Projection | Lumens  |     |
|---------|---------|------------|-------|--------|-------|------------|---------|-----|
| FLP100  | 100W    | Cool White | 4000K | 205mm  | 300mm | 60mm       | 8400lm  |     |
| FLP100A | 100W    | Daylight   | 6000K | 205mm  | 300mm | 60mm       | 9200lm  | NEW |
| FLP150  | 150W    | Cool White | 4000K | 237mm  | 360mm | 73mm       | 13500lm |     |
| FLP150A | 150W    | Daylight   | 6000K | 237mm  | 360mm | 73mm       | 14100lm | NEW |
| FLP200  | 200W    | Cool White | 4000K | 237mm  | 360mm | 73mm       | 17150lm |     |
| FLP200A | 200W    | Daylight   | 6000K | 237mm  | 360mm | 73mm       | 18400lm | NEW |



#### **RGB LED FLOODLIGHTS**

Colour changing LED floodlights
RGB controller included

Construction: Die-cast aluminium Driver: Integral Lamp type: LED



| Code     | Wattage | Finish | Colour | Height | Width | Projection |
|----------|---------|--------|--------|--------|-------|------------|
| FLF10RGB | 10W     | Black  | RGB    | 90mm   | 130mm | 30mm       |
| FLF20RGB | 20W     | Black  | RGB    | 126mm  | 180mm | 30mm       |
| FLF30RGB | 30W     | Black  | RGB    | 147mm  | 210mm | 37mm       |
| FLF50RGB | 50W     | Black  | RGB    | 182mm  | 260mm | 41mm       |



# LED SECURITY SPOTLIGHTS WITH PIR

- Adjustable die-cast aluminium head and polycarbonate body
- Cree LED
- Instant ignition
- · Easy-fix mounting for simple installation
- Integral I80° PIR sensor with adjustable lux and time settings - 10m detection range (approx.)

Construction: Die-cast aluminium & polycarbonate Driver: Integral Lamp type: CoB LED PIR field of detection: 180°



| Code   | Wattage | Finish | ССТ   | Height | Width | Projection | Lumens |
|--------|---------|--------|-------|--------|-------|------------|--------|
| FL8BK  | 8W      | Black  | 5000K | 176mm  | 78mm  | 107mm      | 610lm  |
| FL8W   | 8W      | White  | 5000K | 176mm  | 78mm  | 107mm      | 610lm  |
| FL16BK | 2 x 8W  | Black  | 5000K | 176mm  | 141mm | 113mm      | 1100lm |
| FL16W  | 2 x 8W  | White  | 5000K | 176mm  | 141mm | 113mm      | 1100lm |

#### TWIN SPOT SECURITY FLOODLIGHTS

- 2 x 9W LED
- Individual adjustable headsLong life and low-maintenance
- · Ideal for outdoor and indoor applications; domestic, retail, and commercial use

PIR version:

- Illuminates for a fixed period of 90 seconds illumination is constant whilst movement is detected
- Manual override facility
- Maximum detection distance approx. 8 metres

Construction: Die-cast aluminium Driver: Integral Lamp type: LED PIR field of detection: 120°

230V 50Hz

| Code  | Model          | Wattage | ССТ   | Height | Width | Projection | Lumens |
|-------|----------------|---------|-------|--------|-------|------------|--------|
| FLTB  | Black          | 2 x 9W  | 3500K | 104mm  | 165mm | 150mm      | 1300lm |
| FLTW  | White          | 2 x 9W  | 3500K | 104mm  | 165mm | 150mm      | 1300lm |
| FLTPB | Black with PIR | 2 x 9W  | 3500K | 120mm  | 165mm | 150mm      | 1300lm |
| FLTPW | White with PIR | 2 x 9W  | 3500K | 120mm  | 165mm | 150mm      | 1300lm |



#### HQI ALUMINIUM FLOODLIGHT

- Die-cast aluminium body, complete with integral control gear and ignitor
- Asymmetrical reflector
- Bracket for wall mounting

#### Construction: Die-cast aluminium Lamp type: RX7

| Height | Width | Projection | Depth | (mm) |
|--------|-------|------------|-------|------|
| 350    | 231   | 257        | 85    |      |

| Code     | Model        |
|----------|--------------|
| TR150HQI | 150W SON/HQI |

#### SON FLOODLIGHTS

- Symmetrical reflector
- Internal photocell sensor, thermal photodiode dusk to dawn function. On - min. 20 lux | Off - max. 80 lux.
- Bracket for wall mounting

Construction: Polycarbonate Lamp type: E27 70W SON-I

**FLOODLIGHTS** 

| Height   | Width  | Projection   | Depth | (mm) |
|----------|--------|--------------|-------|------|
| 300      | 275    | 280          | 208   |      |
| Code     | Model  |              |       |      |
| TRHP70   | 70W SC | )N           |       |      |
| TRHP70PC | 70W SC | N with Senso | r     |      |
|          |        |              |       |      |



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288



# Knightsbridge Committed to a brighter future

At Knightsbridge, we believe in looking after our customers and looking after our planet. This philosophy is important to us and is why we have started to apply it to the way we package and present our products.

We are now working in conjunction with the FSC<sup>®</sup> moving towards 100% recyclable / 100% recycled packaging solutions. Look out for the FSC<sup>®</sup> label on our certified packaging.

This is our plan, this is our commitment to a brighter future.



95% REDUCTION IN SINGLE USE PLASTICS

98% BIO-DEGRADABLE PACKAGING

#### ENVIRONMENTALLY APPROPRIATE forest management ensures that the harvest of timber and non-timber

timber and non-timber products maintains the forest's biodiversity, productivity, and ecological processes.





SOCIALLY BENEFICIAL forest management helps both local people and

both local people and society at large to enjoy long term benefits and also provides strong incentives to local people to sustain the forest resources and adhere to long-term management plans.



RECYCLABLE

#### ECONOMICALLY

VIABLE forest management means that forest operations are structured and managed so as to be sufficiently profitable, without generating financial profit at the expense of the forest resource, the ecosystem, or affected communities.



# COMMERCIAL LIGHTING BULKHEADS & WALL PACKS

These luminaries provide a high lumen output, long life and low running costs. Bulkheads can be wall or ceiling mounted, making them an efficient and verstaile lighting option

| Polo Bulkheads                              | 292    |
|---|--------|
| Round Bulkheads                             | 293    |
| Square Bulkheads / BPLED Gear Trays         | 294    |
| LED Bulkheads                               | 295    |
| CCT Adjustable LED Bulkheads & Accessories  | 296-29 |
| Polo LED Bulkheads / Round LED Bulkheads    | 300    |
| LED Halo Bulkheads                          | 301    |
| IK10 CCT Adjustable LED Bulkheads           | 302-30 |
| E27 and B22 Amenity Bulkheads               | 304    |
| LED Amenity Wall Packs / E27 Dome Bulkheads | 305    |
| CCT Adjustable Wall Pack                    | 306    |

- Robust luminaire for internal or external use that can be wall or ceiling mounted
- Manufactured from tough polycarbonate with HF soft start electronic control gear in all models
- Choose from opal or prismatic diffusers
- Twist & lock mechanism allows for easy lamp change and maintenance
- All polo bulkheads are supplied complete with 2D 3500K lamp
- Supplied as standard with white bezel

#### 16W POLO BULKHEADS

Construction: Polycarbonate Lamp type: 2D 16W

| <b>Overall Ø</b> 270 | Projection<br>95 | (1                 | nm)    |       | 230V<br>50Hz | IP44       |
|----------------------|------------------|--------------------|--------|-------|--------------|------------|
| Code                 | Wattage          | Model              | Colour | ССТ   |              | $\bigcirc$ |
| TPB16WPHF            | 16W              | Prismatic Diffuser | White  | 3500K | $\times$     |            |
| TPB16W0HF            | 16W              | Opal Diffuser      | White  | 3500K |              | $\bigcirc$ |

#### TPB16 TRIMS



| Code      | Finish |
|-----------|--------|
| TPB16BRRG | Brass  |
| TPB16CHRG | Chrome |

#### 28W POLO BULKHEADS

| Overall Ø                          | Projection | (mm) |  |
|------------------------------------|------------|------|--|
| 330                                | 110        |      |  |
| Construction: P<br>Lamp type: 2D 2 |            |      |  |

| Code        | Wattage | Model                          | Colour | ССТ   |
|-------------|---------|--------------------------------|--------|-------|
| TPB28WPHF   | 28W     | Prismatic Diffuser - Standard  | White  | 3500K |
| TPB28WPEMHF | 28W     | Prismatic Diffuser - Emergency | White  | 3500K |
| TPB28W0HF   | 28W     | Opal Diffuser - Standard       | White  | 3500K |
| TPB28W0EMHF | 28W     | Opal Diffuser - Emergency      | White  | 3500K |





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#### **TPB33 TRIMS**

| Code      | Finish |
|-----------|--------|
| TPB33BRRG | Brass  |
| TPB33CHRG | Chrome |



#### 16W ROUND BULKHEADS Construction: Polycarbonate

Lamp type: 2D 16W

| Overall Ø         | Projection    | (mm) |     |
|-------------------|---------------|------|-----|
| 200               | 80            |      |     |
| 230V<br>50Hz IP65 |               |      |     |
| Code              | Wetters Medal |      | C-1 |

| Code      | Wattage | Model              | Colour | ССТ   |
|-----------|---------|--------------------|--------|-------|
| TPR16WPHF | 16W     | Prismatic Diffuser | White  | 3500K |
| TPR16W0HF | 16W     | Opal Diffuser      | White  | 3500K |



#### 28W ROUND BULKHEADS

Construction: Polycarbonate Lamp type: 2D 28W

| Overall Ø   | Projection | (mm)                           | 230V IP65  |          | $\bigcirc$ |
|-------------|------------|--------------------------------|------------|----------|------------|
| 285         | 80         |                                | 50Hz       | $\times$ |            |
| Code        | Wattage    | Model                          | Finish     | Colour   | ССТ        |
| TPR28WPHF   | 28W        | Prismatic Diffuser             | White Trim | White    | 3500K      |
| TPR28BPHF   | 28W        | Prismatic Diffuser             | Black Trim | White    | 3500K      |
| TPR28WPEMHF | 28W        | Prismatic Diffuser - Emergency | White Trim | White    | 3500K      |
| TPR28W0HF   | 28W        | Opal Diffuser                  | White Trim | White    | 3500K      |
| TPR28W0EMHF | 28W        | Opal Diffuser - Emergency      | White Trim | White    | 3500K      |

| 28W SQUARE<br>Construction: Polyc<br>Lamp type: 2D 28W |                   | ADS  | - 1                                    |                         |                         |
|--|-------------------|--|--|-------------------------|-------------------------|
| Length   | Width             | Projection (mm)  |  |                         | 1                       |
| 285  | 285               | 80   |  |                         |                         |
| 230V<br>50Hz IP65                                      |                   |  |  |                         |                         |
| Code   | Wattage           | Model  | Finish                                 | Colour                  | ССТ                     |
| TPS28WPHF  |                   |  |  |                         |                         |
| TF320WFHF  | 28W               | Prismatic Diffuser   | White Trim                             | White                   | 3500K                   |
| TPS28WPEMHF  | 28W<br>28W        | Prismatic Diffuser<br>Prismatic Diffuser - Emergency                                   | White Trim<br>White Trim               | White<br>White          | 3500K<br>3500K          |
|  |                   |  |  |                         |                         |
| TPS28WPEMHF  | 28W               | Prismatic Diffuser - Emergency   | White Trim                             | White                   | 3500K                   |
| TPS28WPEMHF<br>TPS28BPHF                               | 28W<br>28W        | Prismatic Diffuser - Emergency<br>Prismatic Diffuser                                   | White Trim<br>Black Trim               | White<br>White          | 3500K<br>3500K          |
| TPS28WPEMHF<br>TPS28BPHF<br>TPS28BPEMHF                | 28W<br>28W<br>28W | Prismatic Diffuser - Emergency<br>Prismatic Diffuser<br>Prismatic Diffuser - Emergency | White Trim<br>Black Trim<br>Black Trim | White<br>White<br>White | 3500K<br>3500K<br>3500K |

Opal Diffuser - Emergency

#### BPLED LED GEAR TRAYS

• Ideal replacement for traditional circular 2D 28W bulkheads

28W

- Available with emergency function
- High SMD LED output and energy efficient

#### Construction: Cem-1 Driver: Included Lamp type: SMD LED

TPS28B0EMHF





Black Trim

White

3500K

Overall Ø

| Code    | Wattage | Model     | Colour     | ССТ   | Lumens |
|---------|---------|-----------|------------|-------|--------|
| BPLED   | 14W     | Standard  | Cool White | 4000K | 1400lm |
| BPLEDEM | 14W     | Emergency | Cool White | 4000K | 1400lm |

(mm)

## BULKHEADS & WALL PACKS

- Constructed from robust polycarbonate, ideal for commercial and domestic use
- Complete with hinged gear tray for easy installation
  Available in standard, microwave sensor, and
- emergency options

#### 12W/20W LED BULKHEADS

Construction: Polycarbonate Lamp type: LED

| Overall Ø | Projection | (mm)      |                   |       |                                |
|-----------|------------|-----------|-------------------|-------|--------------------------------|
| 305       | 84 (12W)   |           | 230V<br>50Hz IP54 |       | <b>♀</b> 3 [                   |
| 400       | 96 (20W)   |           | SUHZ              |       | LAMP YEAR<br>INCLUDED WARRANTY |
| Code      | Wattage    | Model     | Colour            | ССТ   | Lumens                         |
| BL12LED   | 12W        | Standard  | Cool White        | 4000K | 1000lm                         |
| BL20LED   | 20W        | Standard  | Cool White        | 4000K | 1600lm                         |
| BL12LEDE  | 12W        | Emergency | Cool White        | 4000K | 1000lm                         |
| BL20LEDE  | 20W        | Emergency | Cool White        | 4000K | 1600lm                         |
| BL12LEDS  | 12W        | Sensor    | Cool White        | 4000K | 1000lm                         |
| BL20LEDS  | 20W        | Sensor    | Cool White        | 4000K | 1600lm                         |

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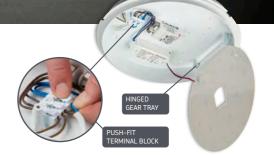
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#### CCT ADJUSTABLE LED BULKHEAD

This versatile IP65 LED bulkhead boasts LED colour changing technology enabling the installer / end-user to adjust the colour temperature via a switch on the gear tray.

- Time saving and user-friendly installation via hinged gear tray and push fit terminal block
- Specialised polycarbonate diffuser ensures high lumen levels with smooth uninterrupted light
- Suitable for domestic and commercial applications, wall or ceiling mounted
- A range of easy-fit coloured trims and eyelid options make this an extremely adaptable and time-saving solution
- Trim and eyelid options are manufactured from polycarbonate and easy to fix via simple push-fit design





Construction: Polycarbonate Driver: Included Lamp type: LED

#### 20W CCT ADJUSTABLE LED BULKHEAD

• CCT adjustable to 3000K, 1530lm / 4000K, 1760lm / 5700K, 1640lm

| Overall Ø | Projection | (mm)                                     |        |                 |
|-----------|------------|--|--------|-----------------|
| 380       | 81         |  |        |                 |
| Code      | Wattage    | Model                                    | Colour | ССТ             |
| BT20CT    | 20W        | Standard                                 | CCT    | 3000/4000/5700K |
| BT20CTEM  | 20W        | Emergency                                | CCT    | 3000/4000/5700K |
| BT20CTS   | 20W        | Sensor                                   | ССТ    | 3000/4000/5700K |
| BT20CTEMS | 20W        | Emergency and Sensor                     | CCT    | 3000/4000/5700K |
| BT20CTA   | 20W        | Sensor (Corridor Function)               | ССТ    | 3000/4000/5700K |
| BT20CTEMA | 20W        | Emergency and Sensor (Corridor Function) | CCT    | 3000/4000/5700K |

#### 14W CCT ADJUSTABLE LED BULKHEAD

• CCT adjustable to 3000K, 1085lm / 4000K, 1285lm / 5700K, 1130lm

| Overall Ø | Projection | (mm)                                     |        |                 |
|-----------|------------|--|--------|-----------------|
| 315       | 74         |  |        |                 |
| Code      | Wattage    | Model                                    | Colour | ССТ             |
| BT14CT    | 14W        | Standard                                 | CCT    | 3000/4000/5700K |
| BT14CTEM  | 14W        | Emergency                                | CCT    | 3000/4000/5700K |
| BT14CTS   | 14W        | Sensor                                   | CCT    | 3000/4000/5700K |
| BT14CTEMS | 14W        | Emergency and Sensor                     | CCT    | 3000/4000/5700K |
| BT14CTA   | 14W        | Sensor (Corridor Function)               | CCT    | 3000/4000/5700K |
| BT14CTEMA | 14W        | Emergency and Sensor (Corridor Function) | CCT    | 3000/4000/5700K |

#### 9W CCT ADJUSTABLE LED BULKHEAD

• CCT adjustable to 3000K, 665lm / 4000K, 760lm / 5700K, 700lm

| Overall Ø | Projection | (mn                 |
|-----------|------------|---------------------|
| 256       | 74         |                     |
| Code      | Wattage    | Model               |
| ВТ9СТ     | 9W         | Standard            |
| BT9CTEM   | 9W         | Emergency           |
| BT9CTS    | 9W         | Sensor              |
| BT9CTEMS  | 9W         | Emergency and Senso |











#### BT9 BEZELS

| Code   | Finish      |
|--------|-------------|
| BT9CHR | Chrome      |
| ВТ9В   | Black       |
| BT9G   | Grey        |
| BT9MBR | Brass       |
| BT9SLV | Matt Silver |



#### **BT9 EYELIDS**

| Code  | Finish |  |
|-------|--------|--|
| BT9EB | Black  |  |
| BT9EG | Grey   |  |
| BT9ES | Silver |  |

#### BT14 EYELIDS

| Code   | Finish |
|--------|--------|
| BT14EB | Black  |
| BT14EG | Grey   |
| BT14ES | Silver |



#### BT14 BEZELS

| Code    | Finish      |
|---------|-------------|
| BT14CHR | Chrome      |
| BT14B   | Black       |
| BT14G   | Grey        |
| BT14MBR | Brass       |
| BT14SLV | Matt Silver |

#### BT20 BEZELS

| Code    | Finish      |
|---------|-------------|
| BT20CHR | Chrome      |
| BT20B   | Black       |
| BT20G   | Grey        |
| BT20MBR | Brass       |
| BT20SLV | Matt Silver |

# HAVE A QUESTION? CHAT WITH OUR TEAM **INSTANTLY!**

ML Accessories

mlaccessories.co.uk

Name: Knightsbridge

E-mail:

D

knightsbridge@mlaccessories.co.uk

Write a message ...

Hello. How may I help you?

elcome to LiveChat

Customer Service Support Agent

## www.mlaccessories.co.uk

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#### 14W POLO LED BULKHEADS

- Features include a specially designed diffuser to ensure optimum lumen output
- Energy efficient and cool running
- · Suitable for commercial and domestic applications

Construction: Polycarbonate Lamp type: LED

| Overall Ø   | Projection | (mm)                       | 230V IP44 |       | 3               |
|-------------|------------|----------------------------|-----------|-------|-----------------|
| 330         | 110        |                            | 50Hz      |       | P YEAR WARRANTY |
| Code        | Wattage    | Model                      | Colour    | ССТ   | Lumens          |
| TPB14LED    | 14W        | Standard                   | Daylight  | 6000K | 1070lm          |
| TPB14EMLED  | 14W        | Emergency                  | Daylight  | 6000K | 1070lm          |
| TPB14SLED   | 14W        | Sensor                     | Daylight  | 6000K | 1070lm          |
| TPB14EMSLED | 14W        | Emergency and Sensor       | Daylight  | 6000K | 1070lm          |
| TPB14LEDA   | 14W        | Sensor (Corridor Function) | Daylight  | 6000K | 1070lm          |

#### **TPB TRIMS**

| Code      | Finish |
|-----------|--------|
| TPB33BRRG | Brass  |

TPB33CHRG Chrome

#### 14W ROUND LED BULKHEAD

- Lightweight robust polycarbonate body
- Hinged gear tray for easy wiring and maintenance
  Comparable luminaire lumen output to 28W 2D
- fluorescent lamp

Construction: Polycarbonate Lamp type: LED



| Overall Ø  | Projection                 | (mm)    | 230V IP65  |       | 2 3 🗔   |
|------------|----------------------------|---------|------------|-------|---------|
| 285        | 86                         |         | 50Hz       |       | AP YEAR |
| Code       | Model                      | Wattage | Colour     | ССТ   | Lumens  |
| TPR14LED   | Standard                   | 14W     | Cool White | 4000K | 1100lm  |
| TPR14LEDA  | Sensor (Corridor Function) | 14W     | Cool White | 4000K | 1100lm  |
| TPR14LEDEM | Emergency                  | 14W     | Cool White | 4000K | 1100lm  |
| TPR14LEDS  | Sensor                     | 14W     | Cool White | 4000K | 1100lm  |



#### HALO BULKHEADS

- Low profile design with a range of bezels available to create an ambient halo backwash effect
- Supplied with 6000K LED tray as standard, alternative 4000K tray available

Construction: Polycarbonate & Acrylic Lamp type: LED



#### 14W LED HALO BULKHEADS

| Overall Ø | Projection | (mm)                 |            |       |        |
|-----------|------------|----------------------|------------|-------|--------|
| 291       | 97         |                      |            |       |        |
| Code      | Wattage    | Model                | Colour     | ССТ   | Lumens |
| BF1430    | 14W        | Standard             | Daylight   | 6000K | 1020lm |
| BF1430EM  | 14W        | Emergency            | Daylight   | 6000K | 1020lm |
| BF1430S   | 14W        | Sensor               | Daylight   | 6000K | 1020lm |
| BF1430EMS | 14W        | Emergency and Sensor | Daylight   | 6000K | 1020lm |
| BF14L4K   | 14W        | Cool White Gear Tray | Cool White | 4000K | -      |

#### 24W LED HALO BULKHEADS

| Overall Ø | Projection | n (mm)               |            |       |        |
|-----------|------------|----------------------|------------|-------|--------|
| 318       | 117        |                      |            |       |        |
| Code      | Wattage    | Model                | Colour     | ССТ   | Lumens |
| BF2440    | 24W        | Standard             | Daylight   | 6000K | 1600lm |
| BF2440EM  | 24W        | Emergency            | Daylight   | 6000K | 1600lm |
| BF2440S   | 24W        | Sensor               | Daylight   | 6000K | 1600lm |
| BF2440EMS | 24W        | Emergency and Sensor | Daylight   | 6000K | 1600lm |
| BF24L4K   | 24W        | Cool White Gear Tray | Cool White | 4000K | -      |

#### BF14 TRIMS

| Code     | Finish      |
|----------|-------------|
| BF14BBR  | Matt Brass  |
| BF14BCHR | Chrome      |
| BF14BMS  | Matt Silver |
| BF14BWHT | White       |

#### BF24 TRIMS

| Code     | Finish      |
|----------|-------------|
| BF24BBR  | Matt Brass  |
| BF24BCHR | Chrome      |
| BF24BMS  | Matt Silver |
| BF24BWHT | White       |

Ж

A robust range of die-cast LED bulkheads. Features included are anti-vandal fixings CCT LED and high IK rating. I)deal for a wide range of environments

ANTI-VANDAL DIFFUSER AND FIXINGS

- CCT adjustable Low energy, low maintenance Standard and eyelid designs available

#### 18W CCT ADJUSTABLE LED BULKHEAD

Construction: Die-cast Aluminium Lamp type: LED

| Overall Ø | Proje   | ction (mm)                   | 230V   | IP65            |                     |
|-----------|---------|------------------------------|--------|-----------------|---------------------|
| 360       | 92      |                              | 50Hz   |                 | ed VEAR<br>WARRANTY |
| Code      | Wattage | Model                        | Finish | ССТ             | Lumens              |
| SHE1B     | 18W     | Standard                     | Black  | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1BEM   | 18W     | Emergency                    | Black  | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1BEMP  | 18W     | Emergency + Daylight Sensor  | Black  | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1BEMS  | 18W     | Emergency + Microwave Sensor | Black  | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1BP    | 18W     | Daylight Sensor              | Black  | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1BS    | 18W     | Microwave Sensor             | Black  | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1G     | 18W     | Standard                     | Grey   | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1GEM   | 18W     | Emergency                    | Grey   | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1GEMP  | 18W     | Emergency + Daylight Sensor  | Grey   | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1GEMS  | 18W     | Emergency + Microwave Sensor | Grey   | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1GP    | 18W     | Daylight Sensor              | Grey   | 3000/4000/6000K | 1680/1790/1810lm    |
| SHE1GS    | 18W     | Microwave Sensor             | Grey   | 3000/4000/6000K | 1680/1790/1810lm    |

IK10

#### 18W CCT ADJUSTABLE LED EYELID BULKHEAD

Projection

Construction: Die-cast Aluminium Lamp type: LED

94

Overall Ø

360

| IK10 |
|------|
|      |

(mm)

ANTI-VANDAL DIFFUSER AND FIXINGS







| Code     | Wattage | Model                        | Finish | ССТ             | Lumens           |
|----------|---------|------------------------------|--------|-----------------|------------------|
| SHE2B    | 18W     | Standard                     | Black  | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2BEM  | 18W     | Emergency                    | Black  | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2BEMP | 18W     | Emergency + Daylight Sensor  | Black  | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2BEMS | 18W     | Emergency + Microwave Sensor | Black  | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2BP   | 18W     | Daylight Sensor              | Black  | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2BS   | 18W     | Microwave Sensor             | Black  | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2G    | 18W     | Standard                     | Grey   | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2GEM  | 18W     | Emergency                    | Grey   | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2GEMP | 18W     | Emergency + Daylight Sensor  | Grey   | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2GEMS | 18W     | Emergency + Microwave Sensor | Grey   | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2GP   | 18W     | Daylight Sensor              | Grey   | 3000/4000/6000K | 1020/1080/1090lm |
| SHE2GS   | 18W     | Microwave Sensor             | Grey   | 3000/4000/6000K | 1020/1080/1090lm |

#### BULKHEADS & WALL PACKS 303

#### E27 AMENITY BULKHEADS

Construction: Aluminium & Polycarbonate Lamp type: E27 (100W max.)

| Width | Length           | Projection | (mm) |
|-------|------------------|------------|------|
| 105   | 240              | 110        |      |
| Code  | Model            |            |      |
| E27PC | Prismatic Diffus | er         |      |
| E27PR | Red Diffuser     |            |      |





#### **B22 AMENITY BULKHEADS**

Construction: Aluminium & Polycarbonate Lamp type: B22d (BH22BC - 100W max. / BH22PB - 60W max.)

| Width  | Length                              | Projection | (mm) |  |  |
|--------|-------------------------------------|------------|------|--|--|
| 124    | 244                                 | 120        |      |  |  |
| Code   | Model                               |            |      |  |  |
| BH22BC | Aluminium Trim (Class I)            |            |      |  |  |
| BH22PB | Black Polycarbonate Trim (Class II) |            |      |  |  |



#### LED AMENITY WALLPACKS

Construction: Polycarbonate Driver: Integral Lamp type: LED

5 =

| Width   | Length  | Projection (mm)                | 230V | IP54       | <b>Q 3</b>               |        |
|---------|---------|--------------------------------|------|------------|--------------------------|--------|
| 108     | 197     | 78                             | 50Hz |            | LAMP<br>INCLUDED WARRANT | لكا ر  |
| Code    | Wattage | Model                          |      | Colour     | ССТ                      | Lumens |
| AMLEDB  | 5W      | White / Black Base             |      | Cool White | 4000K                    | 440lm  |
| AMLEDBS | 5W      | White / Black Base with Sensor |      | Cool White | 4000K                    | 410lm  |
| AMLEDR  | 5W      | Red / Black Base               |      | Red        | -                        | -      |
| AMLEDW  | 5W      | White / White Base             |      | Cool White | 4000K                    | 460lm  |
| AMLEDWS | 5W      | White / White Base with Se     | nsor | Cool White | 4000K                    | 410lm  |

#### **E27 DOME BULKHEADS**

Construction: Aluminium & Glass Lamp type: E27 (60W max.)

| Height  | Width | Projection (mm) |
|---------|-------|-----------------|
| 210     | 100   | 110             |
| Code    | Model |                 |
| TPOV60B | Black |                 |
| TPOV60W | White |                 |





50Hz



#### 15W CCT ADJUSTABLE WALL PACK WITH SENSOR

Construction: Die-cast Aluminium Driver: Integral Lamp type: LED

| Height  | Width   | Projection (mm  | ) 2            | 30V<br>0Hz IP65 | LAMP<br>INCLUDED 5 | $\square$ |
|---------|---------|-----------------|----------------|-----------------|--------------------|-----------|
| 218     | 147     | 78              | 5              | OHz             |                    |           |
| Code    | Wattage | Model           | Colour         | ССТ             | Lumens             |           |
| WP15CTP | 15W     | Daylight Sensor | CCT Adjustable | 3000/4000/5000K | 1790/1835/1955lm   | NEW       |

# SERVICE





# COMMERCIAL LIGHTING COMMERCIAL DOWNLIGHTS

These discreet, modern downlights are perfect for office, retail and other commercial spaces. This range includes the extremely verstaile CPL LED Panel Downlights

| Recess/Surface CCT Adjustable LED Panel Downlights | 310-31 |
|--|--------|
| LED Downlights                                     | 312-31 |
| LED Wallwashers                                    | 313    |



#### RECESS / SURFACE CCT ADJUSTABLE LED PANEL DOWNLIGHTS

This innovative dual mounting LED Panel is the ideal replacement for recessed traditional CFL / fluorescent downlights. Available in four sizes, the adjustable recessed fixings enable replacement for existing recessed light fixtures, and is easily adaptable for existing apertures of between 55mm - 250mm (subject to model). This ensures minimal redecoration and fast installation.

RECESS

MOUNTED

- Available in four sizes
- Pre-wired with 300mm cable
- Adjustable recessed brackets, suitable for 55mm to 250mm cut-out
- Edge-lit
- Optional magnetic bezels available

Construction: Polycarbonate Driver: Integral Lamp type: LED





SURFACE MOUNTED



## 0 COMMERCIAL DOWNLIGHTS

310



#### 6W LED PANEL DOWNLIGHT

• CCT adjustable to 3000K, 400lm / 4000K, 430lm 6000K, 410lm

| Overall Ø | Min. Void | Min./Max. Cut-o  | out (mm) |
|-----------|-----------|------------------|----------|
| 140       | 50        | Min. 55 - Max. 1 | 00       |
| Code      | Wattag    | e                |          |
| CPL6CT    | 6W        |                  |          |
| CPL6BC    | Brushed   | l Chrome Bezel   |          |
| CPL6PC    | Polished  | l Chrome Bezel   |          |
| CPL6MB    | Matt Bla  | ack Bezel        | NEW      |

#### 12W LED PANEL DOWNLIGHT

 CCT adjustable to 3000K, 850lm / 4000K, 940lm 6000K, 920lm

| Overall Ø | Min. Void | Min./Max. Cut-out  | (mm) |
|-----------|-----------|--------------------|------|
| 165       | 50        | Min. 55 - Max. 125 |      |
| Code      | Wattag    | je                 |      |
| CPL12CT   | 12W       |                    |      |
| CPL12BC   | Brushe    | d Chrome Bezel     |      |
| CPL12PC   | Polishe   | d Chrome Bezel     |      |
| CPL12MB   | Matt B    | lack Bezel N       | EW   |



#### 18W LED PANEL DOWNLIGHT

 CCT adjustable to 3000K, 1300lm / 4000K, 1400lm 6000K, 1360lm

| Overall Ø | Min. Void | Min./Max. Cut-out     | t (mm) |  |  |
|-----------|-----------|-----------------------|--------|--|--|
| 217       | 50        | Min. 55 - Max. 175    | 5      |  |  |
| Code      | Wattag    | Wattage               |        |  |  |
| CPL18CT   | 18W       |                       |        |  |  |
| CPL18BC   | Brushe    | Brushed Chrome Bezel  |        |  |  |
| CPL18PC   | Polishe   | Polished Chrome Bezel |        |  |  |
| CPL18MB   | Matt Bl   | Matt Black Bezel      |        |  |  |

### 24W LED PANEL DOWNLIGHT

 CCT adjustable to 3000K, 1940lm / 4000K, 2140lm 6000K, 2100lm

| Overall Ø | Min. Void | Min./Max. Cut-out  | (mm) |
|-----------|-----------|--------------------|------|
| 290       | 50        | Min. 55 - Max. 250 |      |
| Code      | Wattag    | je                 |      |
| CPL24CT   | 24W       |                    |      |
| CPL24BC   | Brushe    | d Chrome Bezel     |      |
| CPL24PC   | Polishe   | d Chrome Bezel     |      |
| CPL24MB   | Matt B    | lack Bezel N       | EW   |

#### LED CCT ADJUSTABLE DOWNLIGHT

Construction: Polycarbonate Driver: Integral Lamp type: LED



# LED ROUND RECESSED ADJUSTABLE DOWNLIGHTS

- Low power consumption when compared to classic CDM light source
- Reliable constant colour rendering and light output
- Low-maintenance and energy efficient providing cost savings
- Ideal for retail, office, and commercial applications

Construction: Aluminium Driver: Included Lamp type: LED Tilt: 40° Rotation: 350°





| Cut-out Ø     | Overall Ø      | Minimum Void                | Recesse             | d Depth |                  | (mm) |
|---------------|----------------|-----------------------------|---------------------|---------|------------------|------|
| 134           | 157            | 150                         | 98                  | (15W)   |                  |      |
| 160           | 190            | 172                         | 122                 | (40W)   |                  |      |
|               |                |                             |                     |         |                  |      |
|               |                |                             |                     |         |                  |      |
| Code          | Wattage        | Colour                      | ССТ                 |         | Lumens           |      |
| Code<br>WW15C | Wattage<br>15W | <b>Colour</b><br>Cool White | <b>сст</b><br>4000К |         | Lumens<br>1400lm |      |

## CoB LED RECESSED DOWNLIGHTS

- Recessed dimmable LED fixtures with high lumen output
- Supplied with dimmable driver (please check dimmer compatability)
- Ideal for commercial and retail environments

Construction: Aluminium & Polycarbonate Driver: Included Lamp type: CoB LED



Emergency Kit code: EMKIT2 (see page 359 for details)



| Minimum Void | Recessed De | pth        | (mm)  | 230V<br>50Hz II | P20       | ♀                           |
|--------------|-------------|------------|-------|-----------------|-----------|-----------------------------|
| 100          | 70          |            |       | SUHZ            |           | LAMP YEAR INCLUDED WARRANTY |
| Code         | Wattage     | Colour     | ССТ   | Lumens          | Overall Ø | Cut-out Ø                   |
| CRDL10       | 10W         | Cool White | 4000K | 1080lm          | 135mm     | 125mm                       |
| CRDL15       | 15W         | Cool White | 4000K | 1780lm          | 195mm     | 175mm                       |
| CRDL20       | 20W         | Cool White | 4000K | 2430lm          | 195mm     | 175mm                       |
| CRDL30       | 30W         | Cool White | 4000K | 3480lm          | 230mm     | 200mm                       |

#### LED RECTANGULAR RECESSED WALLWASHERS

- Low power consumption when compared to classic CDM light source
- Reliable constant colour rendering and light output
- Low-maintenance and energy efficient providing cost savings
- Supplied complete with remote driver
- Ideal for retail, office, and commercial applications

| Construction: Aluminium<br>Driver: Included<br>Lamp type: LED<br>Tilt: 60° | 230V<br>50Hz | IP40 | $\bigcirc$ |  | 3<br>YEAR<br>WARRANTY |  |  |
|--|--------------|------|------------|--|-----------------------|--|--|
|--|--------------|------|------------|--|-----------------------|--|--|

| Length | Width | Minimum Void | Recessed Depth | Cut-out Dimensions | (mm) |
|--------|-------|--------------|----------------|--------------------|------|
| 240    | 157   | 135          | 85             | 222 x 125          |      |

| Code  | Wattage | Colour     | ССТ   | Lumens |
|-------|---------|------------|-------|--------|
| WW30R | 30W     | Cool White | 4000K | 2800lm |
| WW40R | 40W     | Cool White | 4000K | 3650lm |



# COMMERCIAL LIGHTING RECESSED, SURFACE, & SUSPENSION LIGHTING

Modular panels, surface mounted and suspension. Options, ideal for offices, retail, and a wide array of other commercial facilities

| LED Recessed Modular Fittings                                  | 316 |
|--|-----|
| LED Panel  | 317 |
| T8 Recessed Modular Fittings                                   | 318 |
| PL and T8 Recessed Fluorescent Fittings                        | 319 |
| T5 Modular Fluorescent Fittings / T8 Surface Mounted Luminaire | 320 |
| LED Surface Mounted Luminaire                                  | 321 |



#### LED RECESSED MODULAR FITTINGS

- An energy-efficient alternative to standard 4x18W fluorescent modular fittings
- Long-life, low maintenance
- Compatible with standard 600mm x 600mm 15mm and 25mm grids
- Instant ignition, ideal for external sensors

#### Construction: Steel Driver: Included

Lamp type: LED

| Width   | Length  | Recessed Depth | (mm) | 230V<br>50Hz | IP20   | 5                |
|---------|---------|----------------|------|--------------|--------|------------------|
| 595     | 595     | 52             |      | SUHZ         |        | YEAR<br>WARRANTY |
| Code    | Wattage | Colour         |      | ССТ          | Lumens |                  |
| MRBLED  | 32W     | Cool W         | nite | 4000K        | 3370lm |                  |
| MRBLED6 | 32W     | Dayligh        | t    | 6000K        | 3450lm |                  |
|         |         |                |      |              |        |                  |

EMKIT2 Emergency Kit See page 359



#### LED PANEL

- Compatible with standard 600mm x 600mm 15mm and 25mm grids
- White trim
- Diffuser TP(a) rated

Construction: Aluminium / Polycarbonate Driver: Included Lamp type: LED

| Width    | Length  | Recessed Depth | (mm) | 230V   | P20 🕅 🖓 3 🗔 |
|----------|---------|----------------|------|--------|-------------|
| 595      | 595     | 9.8            |      | 50Hz ' |             |
| Code     | Wattage | Colour         |      | ССТ    | Lumens      |
| LEDPAN38 | 38W     | Cool Wh        | nite | 4000K  | 4330lm      |



## T8 RECESSED MODULAR FITTINGS

Length

595

(4 x 18W)

Construction: Steel Lamp type: Fluorescent





| Code       | Wattage | Model               |
|------------|---------|---------------------|
| MRB418HF   | 72W     | 4 x 18W - Standard  |
| MRB418EMHF | 72W     | 4 x 18W - Emergency |
|            |         |                     |

(mm)

**Recessed Depth** 

80

FR600

Width

595

Fire Hood (600mm x 600mm)





# PL RECESSED MODULAR FLUORESCENT FITTINGS

- Requires 2 x 55W 4-Pin PL lamps (not supplied with fitting)
- 1 x high frequency electronic ballast supplied
- Both designs are suitable for indirect lighting, the model with double parabolic louvre is also suitable for direct lighting

Construction: Steel Lamp type: Fluorescent



| Width      | Length     | Recessed Depth      | (mm)           | 230V        | IP20 |          | $\mathbf{X}$         | $\bigcirc$ |
|------------|------------|---------------------|----------------|-------------|------|----------|----------------------|------------|
| 595        | 595        | 120                 |                | 50Hz        |      | $\times$ | LAMP NOT<br>INCLUDED |            |
| Code       | Model      |                     |                |             |      |          |                      |            |
| MRD255PLHF | 2 x 55W    | PL                  |                |             |      |          |                      |            |
| MRE255PLHF | 2 x 55W    | PL (with Double Par | abolic Louvre) |             |      |          |                      |            |
| MRE255PLEM | HF 2 x 55W | PL (with Double Par | abolic Louvre) | - Emergency |      |          |                      |            |

#### T8 MODULAR FLUORESCENT FITTINGS (4 x 18W)

Construction: Steel

Lamp type: Fluorescent

| Width      | Length           | Projection     | (mm) |
|------------|------------------|----------------|------|
| 600        | 610              | 80             |      |
| Code       | Model            |                |      |
| SURF418HF  | 4 x 18W          | Т8             |      |
| SURF418EMH | <b>F</b> 4 x 18W | T8 - Emergency |      |



#### T5 MODULAR FLUORESCENT FITTINGS (4 x 14W)

Construction: Steel Lamp type: Fluorescent

| Width     | Length      | Projection       | (mm) |
|-----------|-------------|------------------|------|
| 596       | 596         | 52               |      |
| Code      | Model       |                  |      |
| SURF414HF | 4 x 14\     | N T5             |      |
| SURF414EM | IHF 4 x 14\ | N T5 - Emergency |      |







#### T8 SURFACE MOUNTED LUMINAIRE

Construction: Steel Lamp type: Fluorescent

| Projection  |                        | (mm) |       | 230V IP20 |     | $\sim$     | $\bigotimes$         | $\bigcirc$ |
|-------------|------------------------|------|-------|-----------|-----|------------|----------------------|------------|
| 80          |                        |      |       | 50Hz      |     | $\searrow$ | LAMP NOT<br>INCLUDED |            |
| Code        | Model                  |      | Width | Len       | gth |            |                      |            |
| SURF236HF   | 2 x 36W T8             |      | 304mm | 122       | 0mm |            |                      |            |
| SURF236EMHF | 2 x 36W T8 - Emergency |      | 304mm | 122       | 0mm |            |                      |            |
| SURF258HF   | 2 x 58W T8             |      | 304mm | 152       | 0mm |            |                      |            |
| SURF258EMHF | 2 x 58W T8 - Emergency |      | 304mm | 152       | 0mm |            |                      |            |
| SURF270HF   | 2 x 70W T8             |      | 300mm | 178       | 5mm |            |                      |            |
| SURF270EMHF | 2 x 70W T8 - Emergency |      | 300mm | 178       | 5mm |            |                      |            |
| SUSPENSIO   | N KIT                  |      |       |           |     |            |                      |            |
| Code        | Model                  |      |       |           |     |            |                      |            |

| Lode     | Model             |
|----------|-------------------|
| 5FTT5KIT | 2m Suspension Kit |

## 0 RECESSED, SURFACE, & SUSPENSION LIGHTING

#### LED SURFACE MOUNTED LUMINAIRE

• Surface mounted high lumen LED luminaire

 Ideal for educational and nursing / care facilities, commercial, and retail envrionments

Construction: Polycarbonate Driver: Included Lamp type: LED

L.

| Width<br>198 | Projection<br>68 |           | (mm) 230V<br>50Hz | IP20       |       | 5<br>YEAR<br>WARRANTY |
|--------------|------------------|-----------|-------------------|------------|-------|-----------------------|
| Code         | Wattage          | Model     | Length            | Colour     | ССТ   | Lumens                |
| PRCLED       | 49W              | Standard  | 1490mm            | Cool White | 4000K | 6110lm                |
| PRCLEDEM     | 49W              | Emergency | 1490mm            | Cool White | 4000K | 6110lm                |
| PRCLED4      | 43W              | Standard  | 1229mm            | Cool White | 4000K | 4700lm                |
| PRCLEDEM4    | 43W              | Emergency | 1229mm            | Cool White | 4000K | 4700lm                |



## Ж

## COMMERCIAL LIGHTING

Our huge range of battens provides a suitable product for any application. This includes innovative LED battens designed for quick and easy installations

| T8 Fluorescent Battens / T8 Prismatic Diffusers / T8 Reflectors | 324    |
|---|--------|
| T5 Fluorescent Battens / T5 Prismatic: Diffusers                | 325    |
| T8 LED Tubes / T8 LED Battens                                   | 326    |
| High Output LED Battens   | 328-32 |
| LED Battens   | 330-33 |
| LED CCT Adjustable Battens                                      | 332    |
| LED Single & Twin Battens                                       | 333    |

#### T8 HF SINGLE FLUORESCENT BATTENS

• Supplied complete with high frequency control gear

#### Construction: Steel

Lamp type: Fluorescent



| Width     | Projection          | im)    |     |
|-----------|---------------------|--------|-----|
| 61        | 82                  |        |     |
| Code      | Model               | Length | Qty |
| T8118HF   | 1 x 18W             | 617mm  | 4   |
| T8136HF   | 1 x 36W             | 1227mm | 4   |
| T8136EMHF | 1 x 36W - Emergency | 1227mm | 1   |
| T8158HF   | 1 x 58W             | 1527mm | 4   |
| T8158EMHF | 1 x 58W - Emergency | 1527mm | 1   |
| T8170HF   | 1 × 70W             | 1791mm | 4   |
| T8170EMHF | 1 x 70W - Emergency | 1791mm | 1   |



#### T8 PRISMATIC DIFFUSERS Construction: Polycarbonate

| Code      | Model   | Length | Qty |
|-----------|---------|--------|-----|
| T8DIFF136 | 1 x 36W | 4ft    | 2   |
| T8DIFF158 | 1 x 58W | 5ft    | 2   |
| T8DIFF170 | 1 × 70W | 6ft    | 2   |
| T8DIFF236 | 2 x 36W | 4ft    | 2   |
| T8DIFF258 | 2 x 58W | 5ft    | 2   |
| T8DIFF270 | 2 x 70W | 6ft    | 2   |

#### T8 HF TWIN FLUORESCENT BATTENS Construction: Steel Lamp type: Fluorescent



| Width     | Projection          | (n     | וm) |
|-----------|---------------------|--------|-----|
| 101       | 86                  |        |     |
| Code      | Model               | Length | Qty |
| T8218HF   | 2 x 18W             | 617mm  | 4   |
| T8236HF   | 2 x 36W             | 1227mm | 4   |
| T8236EMHF | 2 x 36W - Emergency | 1227mm | 1   |
| T8258HF   | 2 x 58W             | 1527mm | 4   |
| T8258EMHF | 2 x 58W - Emergency | 1527mm | 1   |
| T8270HF   | 2 x 70W             | 1791mm | 4   |
| T8270EMHF | 2 x 70W - Emergency | 1791mm | 1   |



#### T8 REFLECTORS

| Construction | Steel             |        |      |
|--------------|-------------------|--------|------|
| Width        | Projection        |        | (mm) |
| 150          | 45                |        |      |
| Code         | Model             | Length | Qty  |
| T8REF36      | Reflector for 36W | 4ft    | 4    |
| T8REF58      | Reflector for 58W | 5ft    | 4    |
| T8REF70      | Reflector for 70W | 6ft    | 4    |

#### T5 HF SINGLE FLUORESCENT BATTENS

Construction: Steel Lamp type: Fluorescent

## WidthProjection6382.5

| Code    | Wattage | Model               | Length | Qty |
|---------|---------|---------------------|--------|-----|
| T5114   | 14W     | 1 x 14W             | 575mm  | 4   |
| T5128   | 28W     | 1 x 28W             | 1175mm | 4   |
| T5128EM | 28W     | 1 x 28W - Emergency | 1175mm | 1   |
| T5135   | 35W     | 1 x 35W             | 1475mm | 4   |
| T5135EM | 35W     | 1 x 35W - Emergency | 1475mm | 1   |
| T5149   | 49W     | 1 x 49W             | 1475mm | 4   |
| T5149EM | 49W     | 1 x 49W - Emergency | 1475mm | 1   |

(mm)

#### T5 HF TWIN FLUORESCENT BATTENS

Construction: Steel Lamp type: Fluorescent

| Width   | Projec  | tion                | (mm)   |     |
|---------|---------|---------------------|--------|-----|
| 63      | 83.5    |                     |        |     |
| Code    | Wattage | Model               | Length | Qty |
| T5214   | 14W     | 2 x 14W             | 575mm  | 4   |
| T5228   | 28W     | 2 x 28W             | 1175mm | 4   |
| T5228EM | 28W     | 2 x 28W - Emergency | 1175mm | 1   |
| T5235   | 35W     | 2 x 35W             | 1475mm | 4   |
| T5235EM | 35W     | 2 x 35W - Emergency | 1475mm | 1   |
| T5249   | 49W     | 2 x 49W             | 1475mm | 4   |
| T5249EM | 49W     | 2 x 49W - Emergency | 1475mm | 1   |

#### **T5 PRISMATIC DIFFUSERS**

- Streamlined, anti-glare, polycarbonate prismatic diffuser
- Complete with end caps
- Diffuser fits single and twin fitting

#### Construction: Polycarbonate

| Code   | Model | Qty |
|--------|-------|-----|
| T5DIF2 | 2ft   | 2   |
| T5DIF4 | 4ft   | 2   |
| T5DIF5 | 5ft   | 2   |







#### T8 LED TUBES

- Energy efficient, long life, cost effective alternative to classic T8 fluorescent lamps
- Manufactured from shatterproof, robust polycarbonate
- Instant ignition provides uniform illumination
- Integral driver and mercury-free components ensure safe environment
- Ideally for use with Knightsbridge dedicated LED battens, however, these can be used with most prewired dedicated LED battens
- · Not for use with external electronic or magnetic ballasts

Construction: Aluminium & Polycarbonate Driver: Integral Lamp type: LED



| 230V<br>50Hz | IP20 | $\bigotimes$ |  | 3<br>YEAR<br>WARRANTY |
|--------------|------|--------------|--|-----------------------|
|--------------|------|--------------|--|-----------------------|

| Code    | Wattage | Model | Length | Colour     | ССТ   | Lumens |
|---------|---------|-------|--------|------------|-------|--------|
| T8LED2  | 10W     | 2ft   | 604mm  | Cool White | 4000K | 1100lm |
| T8LED2D | 10W     | 2ft   | 604mm  | Daylight   | 6000K | 1100lm |
| T8LED4  | 20W     | 4ft   | 1214mm | Cool White | 4000K | 2350lm |
| T8LED4D | 20W     | 4ft   | 1214mm | Daylight   | 6000K | 2400lm |
| T8LED5  | 24W     | 5ft   | 1514mm | Cool White | 4000K | 2750lm |
| T8LED5D | 24W     | 5ft   | 1514mm | Daylight   | 6000K | 2900lm |
| T8LED6  | 30W     | 6ft   | 1778mm | Cool White | 4000K | 3350lm |
| T8LED6D | 30W     | 6ft   | 1778mm | Daylight   | 6000K | 3400lm |



05020 Batten Sensor, page 365

#### **T8 LED BATTENS**

- Supplied pre-wired for use with dedicated T8 LED self-ballasted tubes
- Supplied without a ballast (necessary for use with fluorescent lights)
- · For use with LED tubes which are powered from one side only
- Manufactured in sizes to replace most standard traditional T8 fluorescent fixtures
- Tubes not included

#### Construction: Steel Lamp type: LED





| Code   | Model        | Width | Length | Projection | Qty |
|--------|--------------|-------|--------|------------|-----|
| T8LB14 | Single (4ft) | 63mm  | 1225mm | 80mm       | 4   |
| T8LB15 | Single (5ft) | 63mm  | 1525mm | 80mm       | 4   |
| T8LB16 | Single (6ft) | 63mm  | 1778mm | 80mm       | 4   |
| T8LB24 | Twin (4ft)   | 102mm | 1225mm | 86mm       | 4   |
| T8LB25 | Twin (5ft)   | 102mm | 1525mm | 86mm       | 4   |
| T8LB26 | Twin (6ft)   | 102mm | 1778mm | 86mm       | 4   |



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#### Place your customers order online and have it delivered direct on your behalf

#### HIGH OUTPUT LED BATTENS

- Dedicated non-replaceable LED light source
- Traditional T8 powder-coated steel body
- Purposely designed around the traditional T8 body to suit refurbishment projects with the appearance of a T8 batten
- Polycarbonate diffuser ensures strength and security resulting in minimal possibility of damage
- Virtually maintenance-free.
- Ideal for replacement or as an alternative for T5/T8
- · Perfect for indoor use in commercial, retail
- and domestic environments
- Compatible with external microwave and sensor controls

#### LED SINGLE BATTENS

Construction: Stainless Steel Driver: Integral Lamp type: LED



0S020 Batten Sensor, page 365

| Width       | Projection |                   | (mm) | 230V   | IP20       | X Ç   | 5                | $\bigcirc$ |
|-------------|------------|-------------------|------|--------|------------|-------|------------------|------------|
| 60          | 85         |                   |      | 50Hz   |            |       | YEAR<br>WARRANTY |            |
| Code        | Wattage    | Model             |      | Length | Colour     | ССТ   | Lumens           |            |
| T8BLED12    | 10W        | (2ft) - Standard  |      | 615mm  | Cool White | 4000K | 1200lm           |            |
| T8BLED14    | 20W        | (4ft) - Standard  |      | 1225mm | Cool White | 4000K | 2300lm           |            |
| T8BLED15    | 26W        | (5ft) - Standard  |      | 1525mm | Cool White | 4000K | 3000lm           |            |
| T8BLED15EM1 | 26W        | (5ft) - Emergency |      | 1525mm | Cool White | 4000K | 3000lm           | NEW        |
| T8BLED16    | 30W        | (6ft) - Standard  |      | 1790mm | Cool White | 4000K | 3450lm           |            |
| T8BLED16EM1 | 30W        | (6ft) - Emergency |      | 1790mm | Cool White | 4000K | 3450lm           | NEW        |

#### LED TWIN BATTENS

Construction: Stainless Steel Driver: Integral Lamp type: LED

| Width        | Projection |                                | 30V IP2 | 0          | $\bigcirc$ | 5                 |
|--------------|------------|--------------------------------|---------|------------|------------|-------------------|
| 95           | 85         | 5                              | OHz "2  |            |            | WARRANTY          |
| Code         | Wattage    | Model                          | Length  | Colour     | ССТ        | Lumens            |
| T8BLED22     | 20W        | (2ft) - Standard               | 615mm   | Cool White | 4000K      | 2200lm            |
| T8BLED24     | 40W        | (4ft) - Standard               | 1225mm  | Cool White | 4000K      | 4500lm            |
| T8BLED25     | 50W        | (5ft) - Standard               | 1525mm  | Cool White | 4000K      | 5250lm            |
| T8BLED25EM1  | 50W        | (5ft) - Emergency              | 1525mm  | Cool White | 4000K      | 5250lm <b>NEW</b> |
| T8BLED25HL   | 80W        | (5ft) – High Lumen             | 1525mm  | Cool White | 4000K      | 9100lm            |
| T8BLED25HLEM | 80W        | (5ft) - High Lumen + Emergency | 1525mm  | Cool White | 4000K      | 9100lm            |
| T8BLED26     | 60W        | (6ft) - Standard               | 1790mm  | Cool White | 4000K      | 6500lm            |
| T8BLED26EM1  | 60W        | (6ft) - Emergency              | 1790mm  | Cool White | 4000K      | 6500lm <b>NEW</b> |
| T8BLED26HL   | 100W       | (6ft) - High Lumen             | 1790mm  | Cool White | 4000K      | 10700lm           |
| T8BLED26HLEM | 100W       | (6ft) - High Lumen + Emergency | 1790mm  | Cool White | 4000K      | 10700lm           |

Millon .

#### LED BATTENS

- High efficiency up to 120lm/W
- Rear and end conduit fixings
- Hinged gear tray and push-fit loop in/loop out connectors, for quick and easy installation
- Ideal replacement for most traditional fluorescent battens, including high lumen models that substitute traditional twin fittings

Construction: Pressed Steel Driver: Included Lamp type: LED



| Width    | Projection |                    | (mm)   | 230V | IP20      |          | <b>₽ 5</b>            | $\bigcirc$ |
|----------|------------|--------------------|--------|------|-----------|----------|-----------------------|------------|
| 61       | 71         |                    |        | 50Hz |           |          | AMP<br>LUDED WARRANTY |            |
| Code     | Wattage    | Model              | Length | 1    | Colour    | ССТ      | Lumens                |            |
| BATS2    | 12W        | Standard           | 615mn  | n    | Cool Whit | te 4000K | 1315lm                | NEW        |
| BATS4    | 22W        | Standard           | 1225m  | ım   | Cool Whit | te 4000K | 2625lm                | NEW        |
| BATS4EM  | 22W        | Emergency          | 1225m  | ım   | Cool Whit | te 4000K | 2625lm                | NEW        |
| BATS4S   | 22W        | Sensor             | 1225m  | im   | Cool Whit | te 4000K | 2625lm                | NEW        |
| BATS5    | 37W        | Standard           | 1525m  | ım   | Cool Whit | te 4000K | 4290lm                | NEW        |
| BATS5EM  | 37W        | Emergency          | 1525m  | im   | Cool Whit | te 4000K | 4290lm                | NEW        |
| BATS5S   | 37W        | Sensor             | 1525m  | im   | Cool Whit | te 4000K | 4290lm                | NEW        |
| BATS5EMS | 37W        | Sensor + Emergency | 1525m  | im   | Cool Whit | te 4000K | 4290lm                | NEW        |



05020 Batten Sensor, page 365

| Code     | Wattage | Model                  | Length | Colour     | ССТ   | Lumens |     |
|----------|---------|------------------------|--------|------------|-------|--------|-----|
| BATS5H   | 55W     | High Lumen             | 1525mm | Cool White | 4000K | 5925lm | NEW |
| BATS5EMH | 55W     | High Lumen + Emergency | 1525mm | Cool White | 4000K | 5925lm | NEW |
| BATS6    | 42W     | Standard               | 1790mm | Cool White | 4000K | 4875lm | NEW |
| BATS6EM  | 42W     | Emergency              | 1790mm | Cool White | 4000K | 4875lm | NEW |
| BATS6S   | 42W     | Sensor                 | 1790mm | Cool White | 4000K | 4875lm | NEW |
| BATS6EMS | 42W     | Sensor + Emergency     | 1790mm | Cool White | 4000K | 4875lm | NEW |
| BATS6H   | 60W     | High Lumen             | 1790mm | Cool White | 4000K | 6475lm | NEW |
| BATS6EMH | 60W     | High Lumen + Emergency | 1790mm | Cool White | 4000K | 6475lm | NEW |

#### LED CCT ADJUSTABLE BATTENS

These LED Battens offer ultra high efficiency, with the latest CCT changing and LED Chip technology on-board, and convenience.

- Push-fit terminals with innovative hinged LED tray for ease of installation
- Options available include microwave sensor, emergency, and high lumen output
- · Ideal replacement for old fluorescent fittings with retrofit fixing points

Construction: Steel & Polycarbonate Driver: Included Lamp type: LED



0S020 Batten Sensor, page 365





| Width    | Projection | (                     | (mm) 230 |                 | <b>§</b> 5                     |
|----------|------------|-----------------------|----------|-----------------|--------------------------------|
| 61       | 71         |                       | 50H      |                 | LAMP YEAR<br>INCLUDED WARRANTY |
| Code     | Wattage    | Model                 | Length   | ССТ             | Lumens                         |
| BATC4    | 22W        | Standard              | 1170mm   | 3000/4000/6000K | 2545/2765/2745lm               |
| BATC4EM  | 22W        | Emergency             | 1170mm   | 3000/4000/6000K | 2545/2765/2745lm               |
| BATC5    | 35W        | Standard              | 1470mm   | 3000/4000/6000K | 3775/4160/4160lm               |
| BATC5S   | 35W        | Sensor                | 1470mm   | 3000/4000/6000K | 3775/4160/4160lm NEW           |
| BATC5EM  | 35W        | Emergency             | 1470mm   | 3000/4000/6000K | 3775/4160/4160lm               |
| BATC5H   | 60W        | High Lumen            | 1470mm   | 3000/4000/6000K | 6670/7440/7035lm               |
| BATC5EMH | 60W        | High Lumen + Emergend | y 1470mm | 3000/4000/6000K | 6670/7440/7035lm               |
| BATC6    | 40W        | Standard              | 1734mm   | 3000/4000/6000K | 4645/5045/4955lm               |
| BATC6S   | 40W        | Sensor                | 1734mm   | 3000/4000/6000K | 4645/5045/4955lm NEW           |
| BATC6EM  | 40W        | Emergency             | 1734mm   | 3000/4000/6000K | 4645/5045/4955lm               |
| BATC6H   | 67W        | High Lumen            | 1734mm   | 3000/4000/6000K | 7255/8100/7715lm               |
| BATC6EMH | 67W        | High Lumen + Emergenc | y 1734mm | 3000/4000/6000K | 7255/8100/7715lm               |

#### LED SINGLE BATTENS

- Double-insulated, lightweight, versatile, slimline design
  Simple installation via an easy-wire terminal box on
- the rearAlternative option to T5/T8 batten
- Alternative option to 15/18 batten
  Ideal for commercial, retail, and domestic use in
- Ideal for commercial, retail, and domestic use i hallways, kitchens, and under cabinets

Construction: Aluminium & Polycarbonate Lamp type: LED

| Width<br>30 | Projection<br>45 |        | (mm) | 230V<br>50Hz I | P20   |        |
|-------------|------------------|--------|------|----------------|-------|--------|
| Code        | Wattage          | Length |      | Colour         | ССТ   | Lumens |
| LEDBAT9     | 9W               | 605mm  |      | Cool White     | 4000K | 900lm  |
| LEDBAT17    | 17W              | 1220mm |      | Cool White     | 4000K | 1800lm |
| LEDBAT22    | 22W              | 1520mm |      | Cool White     | 4000K | 2400lm |
| LEDBAT26    | 25W              | 1768mm |      | Cool White     | 4000K | 2700lm |



#### LED TWIN BATTENS

Construction: Aluminium & Polycarbonate Lamp type: LED

| Width<br>60 | Projection<br>52 |        | (mm) | 230V<br>50Hz | P20   | LAMP<br>INCLUDED S |  |
|-------------|------------------|--------|------|--------------|-------|--------------------|--|
| Code        | Wattage          | Length | Col  | our          | ССТ   | Lumens             |  |
| LEDBATW35   | 35W              | 1200mm | Coo  | ol White     | 4000K | 3700lm             |  |
| LEDBATW44   | 44W              | 1500mm | Coo  | ol White     | 4000K | 4700lm             |  |
| LEDBATW44EM | 44W              | 1500mm | Coo  | ol White     | 4000K | 4700lm             |  |
| LEDBATW50   | 50W              | 1768mm | Coo  | ol White     | 4000K | 5350lm             |  |
| LEDBATW50EM | 50W              | 1768mm | Cod  | ol White     | 4000K | 5350lm             |  |



# COMMERCIAL LIGHTING

Durable, non-corrosive battens perfect for industrial applications

| T5 Non-Corrosive Fluorescent Fittings             | 336     |
|---|---------|
| 230V & 110V T8 Non-Corrosive Fluorescent Fittings | 337     |
| LED-Ready Non-Corrosive Fittings                  | 339     |
| Integral LED Non-Corrosive Fittings               | 340-341 |
| Slimline LED Non-Corrosive Fittings               | 342     |
| High Bay / Low Bay                                | 344-345 |

#### NON-CORROSIVE IP65 T5 AND T8 FLUORESCENT FITTINGS:

- Manufactured from strong robust polycarbonate
- High output polycarbonate prismatic lens for optimum light output
- Min./max. operating temperatures: -15°C / +30°C
- Polycarbonate clips, fixing brackets and 20mm compression gland included
- Can be surface mounted or suspended with suspension eye
- Push-fit terminals for ease of installation

#### T5 HF SINGLE NON-CORROSIVE FLUORESCENT FITTINGS Construction: Polycarbonate

Lamp type: T5

| Width       | Projection                | (mm)   |
|-------------|---------------------------|--------|
| 65          | 75                        |        |
| Code        | Model                     | Length |
| NC65128HF   | 1 x 28W (4ft) - Standard  | 1210mm |
| NC65135HF   | 1 x 35W (5ft) - Standard  | 1510mm |
| NC65135EMHF | 1 x 35W (5ft) - Emergency | 1510mm |



05020 Batten Sensor, page 365





#### T5 HF TWIN NON-CORROSIVE FLUORESCENT FITTINGS

Construction: Polycarbonate Lamp type: T5

| Width       | Projection                | (mm)   |
|-------------|---------------------------|--------|
| 104         | 75                        |        |
| Code        | Model                     | Length |
| NC65228HF   | 2 x 28W (4ft) - Standard  | 1210mm |
| NC65235HF   | 2 x 35W (5ft) - Standard  | 1510mm |
| NC65235EMHF | 2 x 35W (5ft) - Emergency | 1510mm |



#### STAINLESS STEEL CLIPS

• Optional stainless steel clips for T5 non-corrosive fittings

| Code     | Model                | Qty |
|----------|----------------------|-----|
| NCT5CLIP | Stainless Steel Clip | 20  |





### T8 HF SINGLE NON-CORROSIVE FLUORESCENT FITTINGS

Construction: Polycarbonate Lamp type: T8

| Width     | Projection                | (mm)   |
|-----------|---------------------------|--------|
| 94        | 90                        |        |
| Code      | Model                     | Length |
| AC65118   | 1 x 18W (2ft) - Standard  | 653mm  |
| AC65136   | 1 x 36W (4ft) - Standard  | 1263mm |
| AC65136EM | 1 x 36W (4ft) - Emergency | 1263mm |
| AC65158   | 1 x 58W (5ft) - Standard  | 1563mm |
| AC65158EM | 1 x 58W (5ft) - Emergency | 1563mm |
| AC65170   | 1 x 70W (6ft) - Standard  | 1828mm |
| AC65170EM | 1 x 70W (6ft) - Emergency | 1828mm |

#### 110V T8 HF NON-CORROSIVE FLUORESCENT FITTINGS

Construction: Polycarbonate Lamp type: T8



90 90

| Single | 94  |
|--------|-----|
| Twin   | 129 |

| Code       | Model                     | Length |
|------------|---------------------------|--------|
| AC651581   | 1 x 58W (5ft) - Standard  | 1563mm |
| AC651581EM | 1 x 58W (5ft) - Emergency | 1563mm |
| AC652581   | 2 x 58W (5ft) - Standard  | 1563mm |
| AC652581EM | 2 x 58W (5ft) - Emergency | 1563mm |



### T8 HF TWIN NON-CORROSIVE FLUORESCENT FITTINGS

Construction: Polycarbonate Lamp type: T8

| Width     | Projection                | (mm)   |
|-----------|---------------------------|--------|
| 129       | 90                        |        |
| Code      | Model                     | Length |
| AC65218   | 2 x 18W (2ft) - Standard  | 653mm  |
| AC65236   | 2 x 36W (4ft) - Standard  | 1263mm |
| AC65236EM | 2 x 36W (4ft) - Emergency | 1263mm |
| AC65258   | 2 x 58W (5ft) - Standard  | 1563mm |
| AC65258EM | 2 x 58W (5ft) - Emergency | 1563mm |
| AC65270   | 2 x 70W (6ft) - Standard  | 1828mm |
| AC65270EM | 2 x 70W (6ft) - Emergency | 1828mm |



#### STAINLESS STEEL CLIPS

Optional stainless steel clips for T8 non-corrosive fittings

| Code   | Model                | Qty |
|--------|----------------------|-----|
| ACCLIP | Stainless Steel Clip | 20  |

## **KEEP UP TO DATE** WITH NEW PRODUCTS, SPECIAL OFFERS, AND MORE

## **Knightsbridge**

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338 NON-CORROSIVE

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- Constructed from impact-resistant durable polycarbonate base
   and diffuser
- Supplied pre-wired for use with dedicated T8 LED self-ballasted tubes (LED tube not included)
- · Ideal for industrial and commercial applications

#### Construction: Polycarbonate Driver: Not Required Lamp type: T8 LED

| Width  | Projection   | (mm)   |
|--------|--------------|--------|
| 94     | 90           |        |
| Code   | Model        | Length |
| NCLB12 | Single (2ft) | 653mm  |
| NCLB14 | Single (4ft) | 1263mm |
| NCLB15 | Single (5ft) | 1563mm |
| NCLB16 | Single (6ft) | 1828mm |



05020 Batten Sensor, page 365

#### LED-READY TWIN NON-CORROSIVE FITTINGS

Construction: Polycarbonate Driver: Not Required Lamp type: T8 LED

| Width  | Projection | (mm)   |
|--------|------------|--------|
| 129    | 90         |        |
| Code   | Model      | Length |
| NCLB22 | Twin (2ft) | 653mm  |
| NCLB24 | Twin (4ft) | 1263mm |
| NCLB25 | Twin (5ft) | 1563mm |
| NCLB26 | Twin (6ft) | 1828mm |

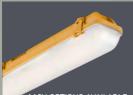




#### INTEGRAL LED NON-CORROSIVE FITTINGS

INCLUDES 110V MODELS FOR SITE LIGHTING

- High output IP65 LED non-corrosive fittings Constructed from impact-resistant durable polycarbonate base and diffuser Fitting supplied with quick-fit connector and complete with fixing accessories Ideal replacement for standard fluorescent fixtures Optional stainless steel accessories available



110V OPTIONS AVAILABLE

#### INTEGRAL LED SINGLE NON-CORROSIVE FITTINGS

Construction: Polycarbonate Driver: Integral Lamp type: LED



05020 Batten Sensor, page 365

| Width      | Projection |                               | IP65   |            | 5                | 110V   |
|------------|------------|-------------------------------|--------|------------|------------------|--------|
| 94         | 90         | 50Hz                          |        |            | YEAR<br>WARRANTY |        |
| Code       | Wattage    | Model                         | Length | Colour     | ССТ              | Lumens |
| TRLED12    | 14W        | Single (2ft) - Standard       | 653mm  | Cool White | 4000K            | 1530lm |
| TRLED14    | 23W        | Single (4ft) - Standard       | 1263mm | Cool White | 4000K            | 2650lm |
| TRLED14EM  | 23W        | Single (4ft) - Emergency      | 1263mm | Cool White | 4000K            | 2650lm |
| TRLED15    | 29W        | Single (5ft) - Standard       | 1563mm | Cool White | 4000K            | 3650lm |
| TRLED151   | 29W        | Single (5ft) - 110V           | 1563mm | Cool White | 4000K            | 3400lm |
| TRLED151EM | 29W        | Single (5ft) - 110V Emergency | 1563mm | Cool White | 4000K            | 3400lm |
| TRLED15D   | 29W        | Single (5ft) - Standard       | 1563mm | Daylight   | 6000K            | 3610lm |
| TRLED15EM  | 29W        | Single (5ft) - Emergency      | 1563mm | Cool White | 4000K            | 3650lm |
| TRLED15EMD | 29W        | Single (5ft) - Emergency      | 1563mm | Daylight   | 6000K            | 3610lm |
| TRLED16    | 33W        | Single (6ft) - Standard       | 1828mm | Cool White | 4000K            | 4100lm |
| TRLED16D   | 33W        | Single (6ft) - Standard       | 1828mm | Daylight   | 6000K            | 3960lm |
| TRLED16EM  | 33W        | Single (6ft) - Emergency      | 1828mm | Cool White | 4000K            | 4100lm |
| TRLED16EMD | 33W        | Single (6ft) - Emergency      | 1828mm | Daylight   | 6000K            | 3960lm |



#### INTEGRAL LED TWIN NON-CORROSIVE FITTINGS

Construction: Polycarbonate Driver: Integral Lamp type: LED

| Width      | Projection | (mm) 230V                   | IP65   | $\mathbf{X}$ | 5                | 1100   |
|------------|------------|-----------------------------|--------|--------------|------------------|--------|
| 129        | 90         | 50Hz                        |        |              | YEAR<br>WARRANTY |        |
| Code       | Wattage    | Model                       | Length | Colour       | ССТ              | Lumens |
| TRLED22    | 28W        | Twin (2ft) - Standard       | 653mm  | Cool White   | 4000K            | 3050lm |
| TRLED221   | 28W        | Twin (2ft) - 110V           | 653mm  | Cool White   | 4000K            | 3000lm |
| TRLED221EM | 28W        | Twin (2ft) - 110V Emergency | 653mm  | Cool White   | 4000K            | 3000lm |
| TRLED24    | 41W        | Twin (4ft) - Standard       | 1263mm | Cool White   | 4000K            | 4670lm |
| TRLED24EM  | 41W        | Twin (4ft) - Emergency      | 1263mm | Cool White   | 4000K            | 4670lm |
| TRLED25    | 50W        | Twin (5ft) - Standard       | 1563mm | Cool White   | 4000K            | 5800lm |
| TRLED25D   | 50W        | Twin (5ft) - Standard       | 1563mm | Daylight     | 6000K            | 5700lm |
| TRLED25EM  | 50W        | Twin (5ft) - Emergency      | 1563mm | Cool White   | 4000K            | 5800lm |
| TRLED25EMD | 50W        | Twin (5ft) - Emergency      | 1563mm | Daylight     | 6000K            | 5700lm |
| TRLED26    | 69W        | Twin (6ft) - Standard       | 1828mm | Cool White   | 4000K            | 7770lm |
| TRLED26D   | 69W        | Twin (6ft) - Standard       | 1828mm | Daylight     | 6000K            | 7820lm |
| TRLED26EM  | 69W        | Twin (6ft) - Emergency      | 1828mm | Cool White   | 4000K            | 7770lm |
| TRLED26EMD | 69W        | Twin (6ft) - Emergency      | 1828mm | Daylight     | 6000K            | 7820lm |

#### STAINLESS STEEL CLIPS

| Code   | Model                | Qty |
|--------|----------------------|-----|
| ACCLIP | Stainless Steel Clip | 20  |





#### SLIMLINE LED NON-CORROSIVE FITTINGS

- Slimline, low-profile, high output dedicated LED non-corrosive fittings
- Built for longevity and efficiency
  Innovative wiring system enabling installation with no need to open the product
- An ideal alternative to conventional T8/ T5

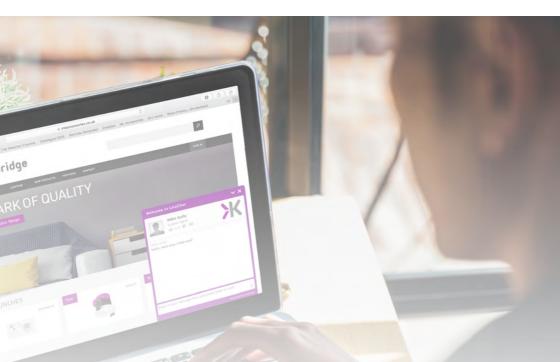
Construction: Polycarbonate Driver: Integral Lamp type: LED

| Width     | Project | tion              | (mm) | 230V   | IP65       | Q     | 3      |
|-----------|---------|-------------------|------|--------|------------|-------|--------|
| 86        | 66 (36) | W) 72 (48W / 60W) |      | 50Hz   |            | LAMP  |        |
| Code      | Wattage | Model             |      | Length | Colour     | ССТ   | Lumens |
| NCLED36   | 36W     | (4ft) - Standard  |      | 1180mm | Cool White | 4000K | 3000lm |
| NCLED36EM | 36W     | (4ft) - Emergency |      | 1180mm | Cool White | 4000K | 3000lm |
| NCLED36S  | 36W     | (4ft) - Sensor    |      | 1180mm | Cool White | 4000K | 3000lm |
| NCLED48   | 48W     | (5ft) - Standard  |      | 1480mm | Cool White | 4000K | 4000lm |
| NCLED48EM | 48W     | (5ft) - Emergency |      | 1480mm | Cool White | 4000K | 4000lm |
| NCLED48S  | 48W     | (5ft) - Sensor    |      | 1480mm | Cool White | 4000K | 4000lm |
| NCLED60   | 60W     | (5ft) - Standard  |      | 1480mm | Cool White | 4000K | 5700lm |
| NCLED60S  | 60W     | (5ft) - Sensor    |      | 1480mm | Cool White | 4000K | 5700lm |



05020 Batten Sensor, page 365

## HAVE A QUESTION? CHAT WITH OUR TEAM INSTANTLY!



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| Code   | Wattage | Diameter | Projection | Colour   | ССТ   | Lumens  |
|--------|---------|----------|------------|----------|-------|---------|
| HBN150 | 150W    | 298mm    | 193mm      | Daylight | 5500K | 19800lm |
| HBN200 | 200W    | 360mm    | 215mm      | Daylight | 5500K | 27000lm |





#### U-BRACKETS

| Code  | Model                                 |
|-------|---------------------------------------|
| HBLU1 | U-Bracket for HB 150W<br>High bay LED |
| HBLU2 | U-Bracket for HB 200W<br>High bay LED |

#### MICROWAVE DIMMING SENSOR

• Supplied with fixing bracket

Overall Ø Projection (mm)

- Simple to fix
- 1-10V dimming only
  360° detection angle



| overallo | Frojection (mm) |
|----------|-----------------|
| 80       | 62              |
| Code     | Model           |

| HBNS1 | Microwave 1 - 10V Dimming Sensor  |
|-------|-----------------------------------|
| TCNDI | Microwave 1 - 10V Dimining Sensor |

#### LED HIGH BAY REFLECTOR

- Modifies HBN High Bay beam angle from 115° to  $80^\circ$
- Simple installation (supplied with 4 3x12mm screws)

#### Projection: 153mm

| Code  | Model                  | Diameter |
|-------|------------------------|----------|
| HBNR1 | Reflector (for HBN150) | 382mm    |
| HBNR2 | Reflector (for HBN200) | 463mm    |



#### SON/HQI LOW BAY

- Powder-coated sheet steel
- Toughened glass front cover
- Symmetrical reflector

Construction: Steel Ballast: Included Lamp type: Metal Halide

| Length | Width | Projection | (mm) |
|--------|-------|------------|------|
| 590    | 280   | 150        |      |

| Code     | Model     |
|----------|-----------|
| TR250SLB | 250W max. |
| TR400SLB | 400W max. |







### EMERGENCY LIGHTING

A comprehensive range of emergency floodlights, bulkheads, exit signs, downlights and emergency kits. The range includes products with self-test facilities

| Emergency Floodlights                           | 348-349 |
|---|---------|
| Emergency Bulkheads                             | 350-351 |
| Exit Signs & Legends                            | 352     |
| Suspended / Recessed / Dual-mounting Exit Signs | 353-355 |
| Emergency Downlights                            | 356-358 |
| Emergency Kits                                  | 359     |



#### LED EMERGENCY FLOODLIGHT

- Robust lightweight polycarbonate case and spotlights
- High lumen output

301

Code

- · Suitable for non-maintained use only
- EMTWINST ONLY: self test facility in accordance with EN 62034





#### LED EMERGENCY FLOODLIGHT

- Constructed from durable lightweight polycarbonate
- Replacement for traditional twin halogen units
- Long life, high lumen, low-maintenance
- Suitable for non-maintained use only

Construction: Polycarbonate Lamp type: LED

| Height   | Projection | Width  | (mm)     | 2300  |                  |
|----------|------------|--------|----------|-------|------------------|
| 270      | 70         | 273    |          | 50Hz  |                  |
| Code     | Wattage    | Model  | Colour   | ССТ   | Emergency Lumens |
| EMTWINPC | 2 x 3W     | 3-hour | Daylight | 6500K | 410lm            |

#### LED EMERGENCY FLOODLIGHT

- Replacement for traditional twin halogen units
- Long life, high lumens, low-maintenance
- Suitable for non-maintained use only



| Height | Projection | Width  | (mm)       | 230V<br>50Hz |                  |
|--------|------------|--------|------------|--------------|------------------|
| 260    | 130        | 293    |            | 50Hz         |                  |
| Code   | Wattage    | Model  | Colour     | ССТ          | Emergency Lumens |
| EMTWIN | 2 x 3W     | 3-hour | Warm White | 3000K        | 375lm            |

#### 3W LED EMERGENCY BULKHEAD

- Hinged gear tray and push-fit connector for simple installation
- · Complete with self-adhesive legend kit
- Suitable for maintained or non-maintained use

Construction: Polycarbonate Lamp type: LED



| Height | Projection | Length | (mm)     | 230V  | IP65 ( |               | 3<br>YEAR<br>WARRANTY |     |
|--------|------------|--------|----------|-------|--------|---------------|-----------------------|-----|
| 117    | 60         | 350    |          | 50Hz  |        |               | YEAR<br>WARRANTY      | لكا |
| Code   | Wattage    | Model  | Colour   | ССТ   | Lumens | Emergency Lum | ens                   |     |
| EMLED4 | 3W         | 3-hour | Daylight | 5500K | 115lm  | 115lm         |                       |     |

#### 6W LED EMERGENCY BULKHEAD

- · Hinged gear tray for ease of installation
- Legend kit included
- · Suitable for maintained or non-maintained use

#### Construction: Polycarbonate Lamp type: LED



| Height | Projection | Length | (mm)     | 230V  | IP65   |               | 3                | $\square$ |
|--------|------------|--------|----------|-------|--------|---------------|------------------|-----------|
| 107    | 76         | 345    |          | 50Hz  |        |               | YEAR<br>WARRANTY |           |
| Code   | Wattage    | Model  | Colour   | ССТ   | Lumens | Emergency Lum | ens              |           |
| EMLED1 | 6W         | 3-hour | Daylight | 6500K | 405lm  | 120lm         |                  |           |

#### 4W LED EMERGENCY BULKHEAD

- Hinged gear tray for ease of installation
- Legend kit included
- · Suitable for maintained or non-maintained use



| Height | Projection | Length | (mm)     | 230V  | IP65   |               | 3<br>Year<br>WARRANTY |  |
|--------|------------|--------|----------|-------|--------|---------------|-----------------------|--|
| 110    | 60         | 351    |          | 50Hz  |        |               | YEAR<br>WARRANTY      |  |
| Code   | Wattage    | Model  | Colour   | ССТ   | Lumens | Emergency Lum | ens                   |  |
| EMLED3 | 4W         | 3-hour | Daylight | 6500K | 160lm  | 100lm         |                       |  |

#### **3W COMPACT LED** EMERGENCY BULKHEAD

- 40% smaller than the standard emergency luminaire
- · Hinged gear tray for ease of installation
- · Legend kit, opal and prismatic diffuser included
- · Suitable for maintained or non-maintained use

#### Construction: Polycarbonate Lamp type: LED

| 3    |  |
|------|--|
|      |  |
| 1000 |  |

| Height  | Projection | Length | (mm)     | 230V<br>50Hz | IP65   |               | 3<br>YEAR<br>WARRANTY |     |
|---------|------------|--------|----------|--------------|--------|---------------|-----------------------|-----|
| 97      | 48         | 216    |          | 50Hz         |        |               | YEAR<br>WARRANTY      | لكا |
| Code    | Wattage    | Model  | Colour   | ССТ          | Lumens | Emergency Lum | ens                   |     |
| EMLED2A | 3W         | 3-hour | Daylight | 6000K        | 150lm  | 115lm         |                       |     |



- Self-test facility in accordance with EN 62034, ensuring periodic testing at pre-programmed intervals Suitable for maintained or non-maintained use
- Low maintenance

# -

| Construction: Po<br>Lamp type: LED | olycarbonate |                    |          |       |        | AUTO<br>SELF-TEST |
|------------------------------------|--------------|--------------------|----------|-------|--------|-------------------|
| Height                             | Projection   | Length             | (mm)     | 230V  | IP65   |                   |
| 110                                | 60           | 350                |          | 50Hz  |        |                   |
| Code                               | Wattage      | Model              | Colour   | ССТ   | Lumens | Emergency Lumens  |
| EMLED5                             | 4W           | Self-test - 3-hour | Daylight | 6000K | 150lm  | 135lm             |

#### SELF-ADHESIVE LEGEND KIT SUPPLIED WITH ALL **EMERGENCY BULKHEADS**



### WALL MOUNTED LED EXIT SIGN AND LEGENDS

- Lightweight wall mounted metal frame with polycarbonate legends
- Supplied as standard with arrow up alternative legends available
- · Suitable for maintained or non-maintained use

#### Construction: Pressed Steel Lamp type: LED



| Height | Projection | Width  | (mm) | 230V     | IP20  |        |                        |
|--------|------------|--------|------|----------|-------|--------|------------------------|
| 190    | 60         | 390    |      | 50Hz     |       |        | YEAR<br>UDDED WARRANTY |
|        |            |        |      |          |       |        |                        |
| Code   | Wattage    | Model  | C    | olour    | ССТ   | Lumens | Emergency Lumens       |
| EMRUN  | 6W         | 3-hour | C    | )aylight | 6000K | 105lm  | 50lm                   |

#### LEGENDS

#### • To fit EMEXIT, EMXST, EMLSUS and EMLREC

| Code   | Model        |
|--------|--------------|
| EMRUND | Down Legend  |
| EMRUNL | Left Legend  |
| EMRUNR | Right Legend |
| EMRUNU | Up Legend    |



### WALL MOUNTED SELF-TEST EXIT SIGN AND LEGENDS

- · Self-test facility in accordance with EN 62034
- Lightweight, durable polycarbonate with interchangeable legends
- Supplied with arrow up, alternative down and left/right legends included
- Suitable for maintained or non-maintained use



| Height | Projection | Width              | (mm)     | 230V<br>50Hz | IP20   |                   |     |
|--------|------------|--------------------|----------|--------------|--------|-------------------|-----|
| 169    | 42         | 324                |          |              |        | INCLUDED WARRANTY |     |
| Code   | Wattage    | Model              | Colour   | ССТ          | Lumens | Emergency Lumens  |     |
| EMRNST | 4W         | Self-test - 3-hour | Daylight | 6000K        | 150lm  | 120lm             | NEW |

# SELF-TEST

#### WHAT IS SELF-TEST?

The self-test feature is built into each product and conducts routine functional and duration testing in accordance with the relevant standards, obviating the need for costly manual testing and intervention other than to record and rectify faults.

#### WHAT ARE THE BENEFITS?

Self-test lighting offers convenience, compliance, cost savings, and ease of fault identification. With no requirement to isolate the mains supply to test, there is no disruption to the normal working day and no loss of productivity.

#### **HOW DOES IT WORK?**

After installation and an initial 24-hour charging period, the product conducts its own self-test operation. This comprises of a 3-hour duration test, after which a 30-second 'monthly' function test is carried out every 28 days, and then yearly another 3-hour duration test. Following each self-test sequence, the unit will revert into charging mode.

The unit's status and any fault modes are shown by the bi-colour LED indicator and manual initiation of the testing procedure is also possible should it be required.

### SUSPENDED LED EXIT SIGN (4W) AND LEGENDS

- Supplied as standard with arrow up alternative legends available
- Suitable for maintained or non-maintained use
   Comes with 1.5m suspension kit terminating in aluminium ceiling plate



| Height<br>222 | Length<br>332 | Width<br>25 | (mm) | 230V<br>50Hz | P20     |             | A S A S A S A S A S A S A S A S A S A S |
|---------------|---------------|-------------|------|--------------|---------|-------------|---|
| Code          | Wattage       | Model       |      | Colour       | ССТ     | Lumens      | Emergency Lumens                        |
| EMSWING       | 4W            | 3-hour      |      | Daylight     | 6000K   | 70lm        | 34lm                                    |
| Code          | Model         |             |      | Code         | Mod     | lel         |   |
| EMSWINGD      | Down Legend   |             |      | EMSWINGL     | R Left, | /Right Lege | nd                                      |

#### DUAL MOUNTING LED EXIT SIGN

- Lightweight, wall or ceiling mounted
   Supplied as standard with arrow up alternative legends avaailable
- Suitable for maintained or non-maintained use (not switched maintained)
- EMXST ONLY: Self-test facility in accordance to EN 62034

Construction: Aluminium Lamp type: LED



CEILING MOUNTED

WALL MOUNTED



#### SUSPENDED LED EXIT SIGN

- Lightweight suspendable ceiling mounted LED exit sign
- Polycarbonate legends, supplied as standard with arrow up - alternative legends available
- · For maintained or non-maintained use (not switched maintained)

Construction: Polycarbonate Lamp type: LED



| Height | Length  | Width  | (mm)       | 230V  | 230V<br>50Hz IP20 |                  |
|--------|---------|--------|------------|-------|-------------------|------------------|
| 185    | 300     | 45     |            | 50HZ  |                   |                  |
| Code   | Wattage | Model  | Colour     | ССТ   | Lumens            | Emergency Lumens |
| EMLSUS | 2W      | 3-hour | Cool White | 6000K | 15lm              | 8lm              |



#### RECESSED LED EXIT SIGN

- Polycarbonate legends, supplied as standard with arrow up - alternative legends available
- For maintained or non-maintained use (not switched maintained)

Construction: Polycarbonate Lamp type: LED

| Projection | Length  | Width  | (mm)       | 230V  | IP20   |                  |
|------------|---------|--------|------------|-------|--------|------------------|
| 170        | 335     | 76     |            | 50Hz  |        |                  |
| Code       | Wattage | Model  | Colour     | ССТ   | Lumens | Emergency Lumens |
| EMLREC     | 2W      | 3-hour | Cool White | 6000K | 15lm   | 8lm              |

#### LEGENDS

| Code     | Model             |
|----------|-------------------|
| EMEXITL2 | Up Legend         |
| EMEXITL3 | Down Legend       |
| EMEXITLR | Left/Right Legend |





Daylight

6000K

· Supplied with compact energy efficient Li-ion battery

Minimum Void

Wattage

3W

34

Model

3-hour

Cut-out Ø (mm)

Self-test - 3-hour

34

Model

3-hour

· Suitable for non-maintained use only

75

Aluminium, white, and black bezels included

Construction: Die-cast aluminium Lamp type: LED

Overall Ø

42

Code

EMPOWER3



120lm

NEW

| EMPOWER       |  |
|---------------|--|
| RECESSED   ED |  |
| NECESSED LED  |  |

#### EMERGENCY DOWNLIGHT

- · Aluminium body with aluminium, white, and black bezels
- Green LED indicates when downlight is in charging mode .
- Supplied pre-wired •

Overall Ø

42

Code

EMPOWERST

EMPOWER

- Inverter and battery pack included
- · Suitable for non-maintained use only
- EMPOWERST ONLY: Self-test facility in accordance to EN 62034

Minimum Void

Wattage

3W

3W

Construction: Die-cast aluminium Lamp type: LED

75



#### EMPOWER2 RECESSED LED EMERGENCY DOWNLIGHT

- Separate green LED indicates when light is in charging mode
- Supplied pre-wired
- Low-profile inverter and battery pack included
- Suitable for maintained or non-maintained use

Construction: Die-cast aluminium Lamp type: LED



| Overall Ø | Minimum Void | Cut-out Ø (mm) |            |       |                  |
|-----------|--------------|----------------|------------|-------|------------------|
| 55        | 80           | 46             |            |       |                  |
| Code      | Wattage      | Model          | Colour     | ССТ   | Emergency Lumens |
| EMPOWER2  | 3W           | 3-hour         | Daylight   | 6000K | 210lm            |
| EMPOWERW2 | 3W           | 3-hour         | Warm White | 3000K | 145lm            |

#### HIGH LUMEN RECESSED LED EMERGENCY DOWNLIGHT

- Dual status LED illuminates green whilst charging and converts to white LED when power is lost
- · Inverter and battery pack included
- Ideal for corridors, stairwells, and a variety of commercial and public areas
- · Suitable for non-maintained use only





| 230V<br>50Hz IP20 |  |  | 3<br>YEAR<br>WARRANTY |  |
|-------------------|--|--|-----------------------|--|
|-------------------|--|--|-----------------------|--|

| Overall Ø Minimum Void Cut-out Ø (mm)          |  |
|--|--|
| 68 97 55                                       |  |
|  |  |
| Code Wattage Model Colour CCT Emergency Lumens |  |
| ENM5 5W 3-hour Daylight 6000K 340lm            |  |

#### ADAPTABLE EMERGENCY LED DOWNLIGHT

- Slimline, low-profile design, supplied with Hole convertor for ease of use
- · Adjustable trim with two cut-out diameters
- Inverter and battery pack included
- Manual test button
- · Suitable for non-maintained use only

Construction: Polycarbonate Lamp type: LED

| Overall Ø | Minimum Void | Cut-out Ø | (mm) | 230 |
|-----------|--------------|-----------|------|-----|
| 140       | 80           | 70-130    |      | 50  |



| Code  | Wattage | Model  | Colour   | ССТ   | Emergency Lumens |
|-------|---------|--------|----------|-------|------------------|
| EMPDL | 3W      | 3-hour | Daylight | 5500K | 130lm            |

#### LED SURFACE EMERGENCY DOWNLIGHT

Surface mounted

- Ideal for commerical and residential use
- Suitable for non-maintained use only



| Overall Ø | Projection |        |          |         |                  |
|-----------|------------|--------|----------|---------|------------------|
| 118       | 50         |        | 50       | OHz 120 |                  |
| Code      | Wattage    | Model  | Colour   | ССТ     | Emergency Lumens |
| EMSUR     | 3W         | 3-hour | Daylight | 6000K   | 135lm            |

#### CPL DOWNLIGHT EMERGENCY KIT

- Compatible with 6W / 12W / 18W / 24W CPL fittings
- Inverter and battery pack included
- · Pre-wired with easy-fix connectors and LED charge indicator

Width

34

3-hour LED Emergency Pack

(mm)

NEW

• CPL luminaire not included

Construction: Polycarbonate

24

Height

Model

Length

211

Code

CPLEM

# Ж

LED 3-HOUR EMERGENCY KIT • Converts LED luminaires to 3-hour emergency 50W max.

- Maintained and non-maintained use
- Suitable for Knightsbridge products:
- LEDPAN38/PLxxLED/ MRBLED/ CRDLxx

Construction: Polycarbonate

| Height | Length          | Width          | (mm)     |
|--------|-----------------|----------------|----------|
| 32     | 225             | 60             |          |
| Code   | Model           |                |          |
| EMKIT2 | LED (Constant ( | Current) Emerg | ency Kit |





#### GU10 LED EMERGENCY KIT

- Pre-wired with easy-fix connectors and LED charge indicator
- For maintained and non-maintained use

Construction: Polycarbonate Lamp type: GU10 LED (6W max.)

| Min. Cut-ou | (mm)               |        |  |
|-------------|--------------------|--------|--|
| 55          |                    |        |  |
| Code        | Model              | Finish |  |
| EMGUKIT1    | LED Emergency Pack | White  |  |





## SENSORS

Our range of sensors offers solutions to a variety of lighting requirements both indoor and outdoor, suitable for commercial and domestic applications

| Indoor Sensors                              | 362-363 |
|---|---------|
| Microwave Sensors                           | 363     |
| Outdoor Sensors                             | 364     |
| Photocell Sensors / Batten Microwave Sensor | 365     |



OS0016

050019

05009

230V 50Hz

IP20

#### RECESS MOUNTED INDOOR PIR SENSORS

Field of detection: 360°

|        |        |   | _                              |         |
|--------|--------|---|--------------------------------|---------|
| Code   | Range* | Function  | Max. Load                      | Cut-out |
| OS0016 | 2-20m  | Adjustable Lux / Adjustable Time (10s - 10mins) | 2000W Incandescent / 1000W LED | 80mm    |
| 050019 | 8m     | Adjustable Lux / Adjustable Time (30s - 30mins) | 2000W Incandescent / 200W LED  | 38mm    |
| 05009  | 6m     | Adjustable Lux / Adjustable Time (10s - 8mins)  | 1200W Incandescent / 300W LED  | 62mm    |



### SURFACE MOUNTED INDOOR PIR SENSOR

Field of detection: 360°

| Code   | Range* | Function  | Max. Load                     |
|--------|--------|---|-------------------------------|
| 050011 | 6m     | Adjustable Lux / Adjustable Time<br>(10s - 8mins) | 1200W Incandescent / 300W LED |

#### FLUSH FIX / SURFACE MOUNT INDOOR PIR SENSORS

• Minimum mounting box depth 25mm

Field of detection: 120° (must have L and N feed)

| ۲ | • |
|---|---|
|   |   |



| Code     | Range* | Function  | Max. Load                     |
|----------|--------|---|-------------------------------|
| PIR0901  | 5m     | Adjustable Lux / Adjustable Time (1-16mins)                         | 2400W Incandescent / 720W LED |
| PIR0901S | 5m     | Adjustable Lux / Adjustable Time (1-16mins)<br>with override switch | 2400W Incandescent / 720W LED |

\* When mounted at 2.4 metres high



#### MICROWAVE SENSORS

• These products should be installed into an IP rated enclosure or luminaire

| Code    | Model  | Range | Function  | Max. Load                      | Туре               |
|---------|--------|-------|---|--------------------------------|--------------------|
| MSENSOR | 5.8GHz | 2-8m  | Adjustable Lux / Adjustable Time<br>(10s - 30m)   | 1000W Incandescent<br>500W LED | Dial setting       |
| 05008   | 5.8GHz | 2-8m  | Adjustable Lux / Adjustable Time<br>(8s - 12mins) | 250W Incandescent<br>250W LED  | DIP Switch Setting |



| Code   | Range* | Function  | Max. Load                     | Colour |
|--------|--------|---|-------------------------------|--------|
| 05001  | 12m    | Override function / Adjustable Lux<br>Adjustable Time (3s - 30mins) | 2000W Incandescent / 225W LED | White  |
| 0S001B | 12m    | Override function / Adjustable Lux<br>Adjustable Time (3s - 30mins) | 2000W Incandescent / 225W LED | Black  |



OUTDOOR PIR SENSORS

prevent accidental activation

corner mounting

Field of detection: 200°

· Wall or ceiling mountable

Field of detection: 180°

0S004

| Code   | Range* | Function                                       | Max. Load                     | Colour |
|--------|--------|--|-------------------------------|--------|
| 05004  | 12m    | Adjustable Lux / Adjustable Time (10s - 8mins) | 1200W Incandescent / 300W LED | White  |
| 0S004B | 12m    | Adjustable Lux / Adjustable Time (10s - 8mins) | 1200W Incandescent / 300W LED | Black  |

#### OUTDOOR PIR SENSORS (COMPACT)

- Adjustable head unit
- Wall or ceiling mountable Field of detection: 180°





0S004B



Black

230V

50Hz

**IP44** 

| Code |      | Range* | Function  | Max. Load                       |  |
|------|------|--------|---|---------------------------------|--|
| 0500 | )14  | 12m    | Adjustable Lux / Adjustable Time (10s - 15mins) | 2000W Incandescent<br>1000W LED |  |
| 0500 | )14B | 12m    | Adjustable Lux / Adjustable Time (10s - 15mins) | 2000W Incandescent<br>1000W LED |  |

\* When mounted at 2.4 metres high







| Code  | Function  | Max. Load                     | Colour |
|-------|---|-------------------------------|--------|
| 05006 | Ambient Light Memory Function - 2/4/6/8hr durations | 1000W Incandescent / 200W LED | White  |

OUTDOOR PHOTOCELL SENSOR Dusk-to-dawn photocell timer. Ideal for controlling outdoor lighting during the evenings for security and

• Suitable for shop window display lighting or

convenience

advertising systems • Wall mountable - easy installation

| РНОТОС  | CELL SENSORS  | TRPCKIT   |  | TRRPC   | 230V<br>50Hz |
|---|---|-----------|--|---------|--------------|
| Code  | Function  | IP Rating | Max. Load  |         | Colour       |
| TRPCKIT   | NEMA Photocell Kit -<br>Dusk-to-Dawn Sensor   | IP54      | 2000W Tungsten Halogen, 2 x 400W<br>3 x 150W HQI, 1800vA | SON SON | Black        |
| TRRPC   | Remote Miniature Phototcell   | IP65      | 2000W Tungsten Halogen, 2 x 400W<br>3 x 150W HQI, 1800vA | SON     | Black        |
| <ul> <li>IP65 pre-v</li> <li>Ideal for b</li> </ul> | I MICROWAVE SENSC<br>wired microwave sensor<br>lattens or non-corrosives with 2<br>e lux, time, and sensitivity |           | entry  |         |              |

| Code  | Function  | Range* | Max. Load |     |
|-------|---|--------|-----------|-----|
| 05020 | Adjustable Lux / Adjustable Time<br>(5s – 10mins) | 4-6m   | 400W LED  | NEW |



## LAMPS & LIGHTING ACCESSORIES

The everyday lighting essentials including lamps, drivers, fuses, screws, and more

| E27/E40 LED Corn Lamps  | 368 |
|---|-----|
| LED GU10 Lamps  | 369 |
| LED Filament Lamps  | 370 |
| G4 & G9 LED Capsule Lamps                                       | 371 |
| G9 Halogen Capsule Lamps / Tungsten Halogen Lamps               | 372 |
| 2D Lamp / LED Gear Tray   | 373 |
| PL Lamps / T8 LED Tubes / GX53 LED Lamp                         | 374 |
| Waterproof Junction Box / Transformer / LED Drivers             | 375 |
| LED Dimmable Drivers / 12V IP67 LED Driver                      | 376 |
| 24V IP67 LED Driver / Suction Cup / Spring Clips / Lamp Holders | 377 |
| Strip Connectors / Fuses / Screws / Blanking Plug               | 378 |



#### E27 / E40 CORN LAMPS

- · Suitable for indoor use or enclosed outdoor luminaires
- Integral cooling system maximising LED operation
- · Suitable for open and closed fixtures
- 360° light distribution

| Construction: Polycarbonate |  |  |  |  |  |  |  |
|-----------------------------|--|--|--|--|--|--|--|
| Lamp type: LED              |  |  |  |  |  |  |  |
| Beam angle: 179°            |  |  |  |  |  |  |  |

| Construction: P<br>Lamp type: LED<br>Beam angle: 17 |         |           |       |        | 230V<br>50Hz IP2 | 20 5<br>Vear<br>Varanty |
|---|---------|-----------|-------|--------|------------------|-------------------------|
| Code  | Wattage | Lamp Base | ССТ   | Lumens | Height           |                         |
| CRN12CW   | 12W     | E27       | 4000K | 1695lm | 128mm            | NEW                     |
| CRN18CW   | 18W     | E27       | 4000K | 2495lm | 148mm            | NEW                     |
| CRN27CW   | 27W     | E27       | 4000K | 3750lm | 173mm            | NEW                     |
| CRN36CW   | 36W     | E40       | 4000K | 5115lm | 216mm            | NEW                     |
| CRN54CW   | 54W     | E40       | 4000K | 6870lm | 255mm            | NEW                     |

#### CoB LED GU10 LAMPS

 Retrofit replacement for most GU10 halogen lamps. Similar look and feel to that of traditional halogen light source



Warm White

Cool White

Daylight

3000K

4000K

6000K

410lm

455lm

415lm

20

20

20

5W

5W

5W

Non-Dimmable

Non-Dimmable

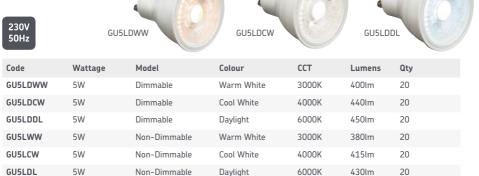
Non-Dimmable

GUC5WW

GUC5CW

GUC5DL

Construction: Aluminium & Polycarbonate Lamp type: LED Beam angle: 36°



#### SMD LED GU10 LAMPS WITH WIDE BEAM

• Retrofit replacement for most GU10 halogen lamps

| Construction: Co<br>Lamp type: LED<br>Beam angle: 120 | 4       |            |         | 1      |         |
|---|---------|------------|---------|--------|---------|
| 50Hz  | GUSM    | 15WW       | GUSM5CW | U      | GUSM5DL |
| Code  | Wattage | Colour     | ССТ     | Lumens | Qty     |
| GUSM5WW   | 5W      | Warm White | 2700K   | 410lm  | 20      |
| GUSM5CW   | 5W      | Cool White | 4000K   | 450lm  | 20      |
| GUSM5DL   | 5W      | Daylight   | 6000K   | 455lm  | 20      |

LAMPS & LIGHTING ACCESSORIES

### Ж

#### LED FILAMENT LAMPS















CLD4BCC

CLD4ESC

CLD4SBCC

CLD4SESC

CLD4SES0

CLD6SESC



#### CLEAR / FROSTED CANDLE

| Code     | Wattage | Model          | Lamp Type | Colour     | ССТ   | Height | Overall Ø | Lumens |     |
|----------|---------|----------------|-----------|------------|-------|--------|-----------|--------|-----|
| CLD4BCC  | 4W      | Clear Candle   | BC        | Warm White | 2700K | 91mm   | 35mm      | 430lm  | NEW |
| CLD4ESC  | 4W      | Clear Candle   | ES        | Warm White | 2700K | 93mm   | 35mm      | 430lm  | NEW |
| CLD4SBCC | 4W      | Clear Candle   | SBC       | Warm White | 2700K | 95mm   | 35mm      | 430lm  | NEW |
| CLD4SESC | 4W      | Clear Candle   | SES       | Warm White | 2700K | 97mm   | 35mm      | 430lm  | NEW |
| CLD4SES0 | 4W      | Frosted Candle | SES       | Warm White | 2700K | 97mm   | 35mm      | 400lm  | NEW |
| CLD6ESC  | 6W      | Clear Candle   | ES        | Warm White | 2700K | 93mm   | 35mm      | 630lm  | NEW |
| CLD6SESC | 6W      | Clear Candle   | SES       | Warm White | 2700K | 97mm   | 35mm      | 630lm  | NEW |





GBD4ESC

GOLF BALL



| Code     | Wattage | Model           | Lamp Type | Colour     | ССТ   | Height | Overall Ø | Lumens |     |
|----------|---------|-----------------|-----------|------------|-------|--------|-----------|--------|-----|
| GBD4ESC  | 4W      | Clear Golf Ball | ES        | Warm White | 2700K | 72mm   | 45mm      | 430lm  | NEW |
| GBD4SESC | 4W      | Clear Golf Ball | SES       | Warm White | 2700K | 78mm   | 45mm      | 430lm  | NEW |





GLSD8BCC



### CLEAR GLS

| Code     | Wattage | Model     | Lamp Type | Colour     | ССТ   | Height | Overall Ø | Lumens |     |
|----------|---------|-----------|-----------|------------|-------|--------|-----------|--------|-----|
| GLSD8BCC | 8W      | Clear GLS | BC        | Warm White | 2700K | 103mm  | 60mm      | 890lm  | NEW |
| GLSD8ESC | 8W      | Clear GLS | ES        | Warm White | 2700K | 105mm  | 60mm      | 890lm  | NEW |

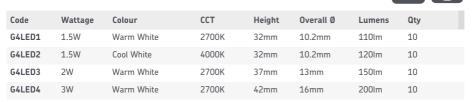
LAMPS & LIGHTING ACCESSORIES



#### 12V G4 BASE LED CAPSULE LAMPS

• Suitable for use with AC and DC

Construction: Thermoplastic & Copper/Silicone (G4LED3 and G4LED4) Lamp type: LED





#### G9 BASE LED CAPSULE LAMPS

• Suitable replacement for most G9 halogen lamps

Dimmable where stated

Lamp type: LED

| Code    | Wattage | Model        | Colour     | ССТ   | Height | Overall Ø | Lumens | Qty |
|---------|---------|--------------|------------|-------|--------|-----------|--------|-----|
| G9LED6  | 4W      | Dimmable     | Warm White | 2700K | 50mm   | 16mm      | 220lm  | 10  |
| G9LED7  | 4W      | Dimmable     | Cool White | 4000K | 50mm   | 16mm      | 280lm  | 10  |
| G9LED8  | 4W      | Non-Dimmable | Warm White | 2700K | 50mm   | 16mm      | 370lm  | 10  |
| G9LED9  | 4W      | Non-Dimmable | Cool White | 4000K | 50mm   | 16mm      | 370lm  | 10  |
| G9LED10 | 2W      | Non-Dimmable | Warm White | 3000K | 43mm   | 16mm      | 200lm  | 10  |
| G9LED11 | 2W      | Non-Dimmable | Cool White | 4000K | 43mm   | 16mm      | 200lm  | 10  |
| G9LED14 | 3.5W    | Dimmable     | Warm White | 2700K | 55.5mm | 18.5mm    | 470lm  | 10  |
| G9LED15 | 3.5W    | Dimmable     | Cool White | 4000K | 55.5mm | 18.5mm    | 510lm  | 10  |

120

230V 50Hz

#### G9 BASE ENERGY SAVER HALOGEN CAPSULE LAMPS Construction: Glass Lamp type: G9 Halogen





| Code  | Wattage | Colour     | ССТ   | Height | Overall Ø | Lumens | Qty |
|-------|---------|------------|-------|--------|-----------|--------|-----|
| G918W | 18W     | Warm White | 2900K | 41mm   | 13mm      | 200lm  | 20  |
| G928W | 28W     | Warm White | 2900K | 41mm   | 13mm      | 370lm  | 20  |
| G942W | 42W     | Warm White | 2900K | 41mm   | 13mm      | 620lm  | 20  |

#### TUNGSTEN HALOGEN ENERGY SAVING LAMPS





| Code  | Wattage | Model | Colour     | ССТ   | Length | Overall Ø | Qty |
|-------|---------|-------|------------|-------|--------|-----------|-----|
| L80   | 80W     | 230V  | Warm White | 2900K | 78mm   | 8mm       | 50  |
| L110  | 500W    | 110V  | Warm White | 2900K | 118mm  | 12.2mm    | 50  |
| L120  | 120W    | 230V  | Warm White | 2900K | 78mm   | 8mm       | 50  |
| L160  | 160W    | 230V  | Warm White | 2900K | 118mm  | 10mm      | 50  |
| L230  | 230W    | 230V  | Warm White | 2900K | 118mm  | 10mm      | 50  |
| L400  | 400W    | 230V  | Warm White | 2900K | 118mm  | 10mm      | 50  |
| L1000 | 1000W   | 230V  | Warm White | 2900K | 190mm  | 12.2mm    | 50  |



### 2D WHITE ENERGY EFFICIENT LAMP Construction: Glass

Lamp type: Fluorescent



| Code    | Wattage | Model | Colour | ССТ   | Qty |
|---------|---------|-------|--------|-------|-----|
| 2D16W2P | 16W     | 2 Pin | White  | 3500K | 10  |
| 2D16W4P | 16W     | 4 Pin | White  | 3500K | 10  |
| 2D28W4P | 28W     | 4 Pin | White  | 3500K | 10  |



#### LED GEAR TRAY

- Replacement for 2D 28W fittings
- High output

Construction: CEM-1 Lamp type: SMD LED

| 230V<br>50Hz | $\bigotimes$ | 3<br>YEAR<br>WARRANTY |
|--------------|--------------|-----------------------|
|--------------|--------------|-----------------------|

| Code     | Wattage | Model              | Colour     | ССТ   | Overall Ø |
|----------|---------|--------------------|------------|-------|-----------|
| BPLED    | 14W     | Standard           | Cool White | 4000K | 246mm     |
| BPLEDEM  | 14W     | Emergency          | Cool White | 4000K | 246mm     |
| BPLEDS   | 14W     | Sensor             | Cool White | 4000K | 246mm     |
| BPLEDEMS | 14W     | Emergency + Sensor | Cool White | 4000K | 246mm     |

#### PL LAMPS

Construction: Glass Lamp type: Fluorescent

| - | -    |  |
|---|------|--|
| - | in a |  |
| - | -    |  |



230V 50Hz

| Code    | Wattage | Model        | Colour     | ССТ   | Height | Overall Ø | Qty |
|---------|---------|--------------|------------|-------|--------|-----------|-----|
| PL18W4P | 18W     | 4 Pin G24q-2 | Cool White | 4000K | 141mm  | 33mm      | 20  |
| PL26W4P | 26W     | 4 Pin G24q-3 | Cool White | 4000K | 161mm  | 33mm      | 20  |

#### **T8 LED TUBES**

- Alternative to classic T8 fluorescent lamps
- Up to 130lm/W
- Instant ignition provides uniform illumination
- Integral driver for ease of installation
- Not for use with external electronic or magnetic ballasts

Lamp type: LED









| Code           | Wattage | Colour     | ССТ   | Height | Overall Ø | Lumens |
|----------------|---------|------------|-------|--------|-----------|--------|
| <b>GXLED3K</b> | 5W      | Warm White | 3000K | 26mm   | 75mm      | 400lm  |
| GXLED5K        | 5W      | Daylight   | 5000K | 26mm   | 75mm      | 430lm  |



#### IP68 WATERPROOF JUNCTION BOX

• To be wired in series (refer to diagram)

| Code    | Model                |
|---------|----------------------|
| IP68JBS | Max, load 48V DC 20W |



#### **TRANSFORMER T02**

• Dimmable, thermal overload, and short circuit protection

| Code | Model      | Length | Width | Height |
|------|------------|--------|-------|--------|
| T02  | 20W - 60W  | 120mm  | 30mm  | 23mm   |
| Т03  | 35W - 105W | 123mm  | 39mm  | 28mm   |



#### 12V IP20 CONSTANT VOLTAGE LED DRIVER

| Code   | Model   | Length | Width | Height |
|--------|---------|--------|-------|--------|
| 12VDCA | 12V 12W | 98mm   | 39mm  | 22mm   |
| 12DC36 | 12V 36W | 125mm  | 55mm  | 30mm   |
| 12DC40 | 12V 40W | 166mm  | 52mm  | 24mm   |
| 12DC60 | 12V 60W | 113mm  | 45mm  | 47mm   |



#### 24V IP20 CONSTANT VOLTAGE LED DRIVER

| Code     | Model    | Length | Width | Height |
|----------|----------|--------|-------|--------|
| 24VDCA   | 24V 12W  | 98mm   | 36mm  | 22mm   |
| 24DC36   | 24V 36W  | 125mm  | 55mm  | 30mm   |
| 24DC40   | 24V 40W  | 166mm  | 52mm  | 24mm   |
| 24DC60   | 24V 60W  | 113mm  | 45mm  | 47mm   |
| 24DC100A | 24V 100W | 160mm  | 100mm | 40mm   |
| 24DC150A | 24V 150W | 200mm  | 100mm | 40mm   |
| 24DC200A | 24V 200W | 200mm  | 110mm | 50mm   |





#### IP20 CONSTANT CURRENT LED DRIVERS

• Compatible with most trailing-edge dimmers (dimmable models)

| Code     | Model                          | Length | Width | Height |     |
|----------|--------------------------------|--------|-------|--------|-----|
| 1W350DA  | 18-35V 350mA 12W (dimmable)    | 98mm   | 39mm  | 22mm   |     |
| 1W210DA  | 12-40V 350mA 16.5W (dimmable)  | 125mm  | 41mm  | 29mm   | NEW |
| 1W350A   | 2-34V 350mA 12W (non-dimmable) | 98mm   | 39mm  | 22mm   |     |
| 25W350DA | 36-72V 350mA 25W (dimmable)    | 120mm  | 45mm  | 28mm   | NEW |
| 25W700DA | 18-36V 700mA 25W (dimmable)    | 120mm  | 45mm  | 28mm   | NEW |
| 40W700DA | 28-56V 700mA 40W (dimmable)    | 166mm  | 52mm  | 25mm   | NEW |

#### 12V IP20 CONSTANT VOLTAGE DIMMABLE LED DRIVER

• Compatible with most trailing-edge dimmers

| Code    | Model   | Length | Width | Height |
|---------|---------|--------|-------|--------|
| 12DC25D | 12V 25W | 128mm  | 52mm  | 30mm   |
| 12DC50D | 12V 50W | 184mm  | 61mm  | 32mm   |

#### 24V IP20 CONSTANT VOLTAGE DIMMABLE LED DRIVER

• Compatible with most trailing-edge dimmers

| Code     | Model    | Length | Width | Height |
|----------|----------|--------|-------|--------|
| 24DC25D  | 24V 25W  | 128mm  | 52mm  | 30mm   |
| 24DC50D  | 24V 50W  | 184mm  | 61mm  | 32mm   |
| 24DC100D | 24V 100W | 210mm  | 67mm  | 34mm   |

#### 12V IP67 CONSTANT VOLTAGE LED DRIVER

| Code     | Model   | Length | Width | Height |
|----------|---------|--------|-------|--------|
| 12DCIP36 | 12V 36W | 222mm  | 30mm  | 20mm   |









#### 24V IP67 CONSTANT VOLTAGE LED DRIVER

| Code      | Model    | Length | Width | Height |
|-----------|----------|--------|-------|--------|
| 24DCIP36  | 24V 36W  | 222mm  | 30mm  | 20mm   |
| 24DCIP60  | 24V 60W  | 168mm  | 50mm  | 33mm   |
| 24DCIP100 | 24V 100W | 165mm  | 70mm  | 43mm   |



#### RUBBER SUCTION CUP

• For easy changing of GU10 halogen lamps

| Code | Model              | Qty |
|------|--------------------|-----|
| LSC1 | Rubber Suction Cup | 10  |



#### SPRING CLIPS FOR LOW VOLTAGE FITTINGS

| Code | Model | Qty |
|------|-------|-----|
| LVC1 | 50mm  | 100 |
| LVC2 | 35mm  | 100 |

#### LAMP HOLDERS

| Code  | Model  | Qty |
|-------|--|-----|
| LH01  | Low Voltage with 180mm Silicon<br>Cable                | 50  |
| LH01C | Low Voltage with 180mm Silicon<br>Cable and Metal Clip | 50  |
| LH02  | GU10 with 260mm Silicon Cable                          | 50  |
| LH03  | GU10 with Bridge and Separate<br>Earth Terminal        | 50  |
| LH04  | Low Voltage with Bridge                                | 50  |



LH04





#### STRIP CONNECTORS

- 380V terminal strips for connecting electrical cable
- 12-Way terminal block
- Made with PA66 material (UL94-V2 self extinguishing) EN 60947, operating temperature: -30°C to + 110°C

| Code   | Model | Qty |
|--------|-------|-----|
| SC3PA  | 3A    | 10  |
| SC5PA  | 5A    | 10  |
| SC15PA | 15A   | 10  |
| SC30PA | 30A   | 10  |
| SC60PA | 60A   | 10  |

#### FLAT-HEAD ELECTRICAL FIXING SCREWS

• Ideal for use with the Screwless and Flat Plate ranges

| Code        | Model                                    | Qty |
|-------------|--|-----|
| C-SCREW50B  | M3.5 x 50mm Brass                        | 100 |
| C-SCREW50N  | M3.5 x 50mm Nickel                       | 100 |
| C-SCREW50BK | M3.5 x 50mm Black Nickel<br>and Gunmetal | 100 |



#### FUSES (ASTA Approved)

| Code        | Model                                   | Qty |
|-------------|---|-----|
| SN3AFUSE    | ЗА                                      | 10  |
| SN5AFUSE    | 5A                                      | 10  |
| SN13AFUSE   | 13A                                     | 10  |
| SNMIXEDFUSE | Mixed Pack<br>(3 x 3A, 3 x 5A, 4 x 13A) | 10  |



#### BLANKING PLUG

| Code | Model         | Qty |
|------|---------------|-----|
| 1390 | Blanking Plug | 5   |

### RAISED-HEAD ELECTRICAL

#### FIXING SCREWS

• Ideal for use with Square, Curved, or Raised Edge Ranges

| Code     | Model              | Qty |
|----------|--------------------|-----|
| CSCREW35 | M3.5 x 35mm Nickel | 100 |
| CSCREW50 | M3.5 x 50mm Nickel | 100 |
| CSCREW75 | M3.5 x 75mm Nickel | 100 |







SOCKET PAGE 164

Just a few of the new products from **Knightsbridge** 



INDEX

379

| NO.                   |                              |     |      | NO.        |                                |     |      |
|-----------------------|------------------------------|-----|------|------------|--------------------------------|-----|------|
| Code                  | Catalogue Section            | Qty | Page | Code       | Catalogue Section              | Qty | Page |
| 1350                  | Wiring Basics                | 10  | 147  | 2SPIKE38   | Outdoor Wall Lights            | 1   | 260  |
| 1375                  | Wiring Basics                | 10  | 147  | 2WALL38    | Outdoor Wall Lights            | 1   | 260  |
| 1390                  | Wiring Basics                | 5   | 147  | 316WALK    | Groundlights & Deck Lighting   | 1   | 272  |
| 8261                  | Wiring Basics                | 1   | 145  | 3GKW       | Smart Home                     | 1   | 165  |
| 8910                  | Wiring Basics                | 20  | 147  | 40W700DA   | Lamps & Lighting Accessories   | 1   | 376  |
| 12DC25D               | LED Flex                     | 1   | 237  | 4IPB       | Groundlights & Deck Lighting   | 1   | 277  |
| 12DC36                | LED Flex                     | 1   | 237  | 4IPW       | Groundlights & Deck Lighting   | 1   | 277  |
| 12DC40                | LED Flex                     | 1   | 237  | 5401A      | Outdoor Wall Lights            | 1   | 256  |
| 12DC50D               | LED Flex                     | 1   | 237  | 5FTT5KIT   | Recessed, Surface & Suspension | 1   | 320  |
| 12DC60                | LED Flex                     | 1   | 237  | 8270AB     | Wiring Basics                  | 1   | 144  |
| 12DCIP36              | LED Flex                     | 1   | 237  | 8270BC     | Wiring Basics                  | 1   | 144  |
| 12GTOWER              | Wiring Basics                | 1   | 146  | 8270BN     | Wiring Basics                  | 1   | 144  |
| 12VDCA                | LED Flex                     | 1   | 237  | 8270MB     | Wiring Basics                  | 1   | 145  |
| 132A                  | Wiring Basics                | 20  | 148  | 8270MW     | Wiring Basics                  | 1   | 144  |
| 1GAKW                 | Smart Home                   | 1   | 165  | 8270PB     | Wiring Basics                  | 1   | 144  |
| 1GSBBK                | Wiring Basics                | 1   | 143  | 8270PC     | Wiring Basics                  | 1   | 144  |
| 1GSBGY                | Wiring Basics                | 1   | 143  | 8271AB     | Wiring Basics                  | 1   | 145  |
| 1GSBW                 | Wiring Basics                | 1   | 143  | 8271BC     | Wiring Basics                  | 1   | 145  |
| 1IPB                  | Groundlights & Deck Lighting | 1   | 277  | 8271BN     | Wiring Basics                  | 1   | 145  |
| 1IPW                  | Groundlights & Deck Lighting | 1   | 277  | 8271PB     | Wiring Basics                  | 1   | 145  |
| 1MPRF                 | LED Flex                     | 1   | 234  | 8271PC     | Wiring Basics                  | 1   | 145  |
| 1MPSC                 | LED Flex                     | 1   | 234  | 8300AB     | Wiring Basics                  | 1   | 145  |
| 1MPSF                 | LED Flex                     | 1   | 234  | 8300BC     | Wiring Basics                  | 1   | 145  |
| 1SPIKE38              | Outdoor Wall Lights          | 1   | 260  | 8300BN     | Wiring Basics                  | 1   | 145  |
| 1W210DA               | Lamps & Lighting Accessories | 1   | 376  | 8300MB     | Wiring Basics                  | 1   | 145  |
| 1W350A                | Lamps & Lighting Accessories | 1   | 376  | 8300MW     | Wiring Basics                  | 1   | 145  |
| 1W350DA               | Lamps & Lighting Accessories | 1   | 376  | 8300PC     | Wiring Basics                  | 1   | 145  |
| 1WALL38               | Outdoor Wall Lights          | 1   | 260  | 8GTOWER    | Wiring Basics                  | 1   | 146  |
| 20042M                | Wiring Basics                | 1   | 146  | A.         | thing basics                   | -   | 240  |
| 20043M                | Wiring Basics                | 1   | 146  | Code       | Catalogue Section              | Qty | Page |
| 2004S2M               | Wiring Basics                | 1   | 146  | AC65118    | Non-corrosive                  | 1   | 337  |
| 20062M                | Wiring Basics                | 1   | 146  | AC65136    | Non-corrosive                  | 1   | 337  |
| 2006S2M               | Wiring Basics                | 1   | 146  | AC65136EM  | Non-corrosive                  | 1   | 337  |
| 2135-RB               | Wiring Basics                | 20  | 148  | AC65158    | Non-corrosive                  | 1   | 337  |
| 2135-RW               | Wiring Basics                | 20  | 148  | AC651581   | Non-corrosive                  | 1   | 337  |
| 24DC100A              | LED Flex                     | 1   | 237  | AC651581EM | Non-corrosive                  | 1   | 337  |
| 24DC100D              | LED Flex                     | 1   | 237  | AC65158EM  | Non-corrosive                  | 1   | 337  |
| 24DC150A              | LED Flex                     | 1   | 237  | AC65170    | Non-corrosive                  | 1   | 337  |
| 24DC200A              | LED Flex                     | 1   | 237  | AC65170EM  | Non-corrosive                  | 1   | 337  |
| 24DC25D               | LED Flex                     | 1   | 237  | AC65218    | Non-corrosive                  | 1   | 337  |
| 24DC36                | LED Flex                     | 1   | 237  | AC65236    | Non-corrosive                  | 1   | 337  |
| 24DC30                | LED Flex                     | 1   | 237  | AC65236EM  | Non-corrosive                  | 1   | 337  |
| 24DC50D               | LED Flex                     | 1   | 237  | AC65258    | Non-corrosive                  | 1   | 337  |
| 24DC50D               | LED Flex                     | 1   | 237  | AC652581   | Non-corrosive                  | 1   | 337  |
| 24DC00<br>24DCIP100   | LED Flex                     | 1   | 237  | AC652581EM | Non-corrosive                  | 1   | 337  |
| 24DCIP100<br>24DCIP36 | LED Flex                     | 1   | 237  | AC652581EM | Non-corrosive                  | 1   | 337  |
| 24DCIP36<br>24DCIP60  |                              | 1   | 237  | AC65250EM  | Non-corrosive                  | 1   | 337  |
|                       | LED Flex                     |     |      |            |                                | -   |      |
| 24VDCA                | Lamps & Lighting Accessories | 1   | 375  | AC65270EM  | Non-corrosive                  | 1   | 337  |
| 25W350DA              | Lamps & Lighting Accessories | 1   | 376  | AMLEDB     | Bulkheads & Wall Packs         | 1   | 305  |
| 25W700DA              | Lamps & Lighting Accessories | 1   | 376  | AMLEDBS    | Bulkheads & Wall Packs         | 1   | 305  |
| 2D16W2P               | Lamps & Lighting Accessories | 10  | 373  | AMLEDR     | Bulkheads & Wall Packs         | 1   | 305  |
| 2D16W4P               | Lamps & Lighting Accessories | 10  | 373  | AMLEDW     | Bulkheads & Wall Packs         | 1   | 305  |
| 2D28W4P               | Lamps & Lighting Accessories | 10  | 373  | AMLEDWS    | Bulkheads & Wall Packs         | 1   | 305  |
| 2GPHBK                | Raised Edge - Rounded        | 1   | 26   | AV2        | Datacomms                      | 1   | 124  |
| 2GPHGY                | Raised Edge - Rounded        | 1   | 26   | AV6        | Datacomms                      | 1   | 124  |
| 2GPHW                 | Raised Edge - Rounded        | 1   | 26   | AV7        | Datacomms                      | 1   | 124  |

| Code         Catalogue Sercion         Dy Page         Code         Catalogue Sercion         Dy Page           AVØ         Datacomms         1         124         BL20LEDS         Bulhheads & Wall Packs         1         299           Cade         Catalogue Sercion         Dy Page         BL20LEDS         Bulhheads & Wall Packs         1         299           BATC4         Battens         1         332         BLEDSBW         Outdoor Wall Lights         1         252           BATC5         Battens         1         332         BLEDSSW         Outdoor Wall Lights         1         252           BATC5EM         Battens         1         332         BLEDSSW         Outdoor Wall Lights         1         274           BATC5EM         Battens         1         332         BPLEDEM         Bulhheads & Wall Packs         1         294           BATC5EM         Battens         1         332         BT14CB         Bulhheads & Wall Packs         1         294           BATC6EM         Battens         1         332         BT14CB         Bulhheads & Wall Packs         1         297           BATC6         Battens         1         332         BT14CF         Bulhheads & Wall Packs <td< th=""><th>Α.</th><th></th><th></th><th></th><th>В.</th><th></th><th></th><th></th></td<>                                   | Α.       |                        |     |      | В.        |                              |     |            |
|---|----------|------------------------|-----|------|-----------|------------------------------|-----|------------|
| B.         B.20LEDS         Butheads & Mul Packs         1         295           Code         Catalogue Section         Op Page         BLEDS9B         Outdoor Wall Lights         1         254           BATC4         Battens         1         332         BLEDS9W         Outdoor Wall Lights         1         255           BATC5H         Battens         1         332         BLEDS5W         Outdoor Wall Lights         1         255           BATC5H         Battens         1         332         BPLEDSW         Butheads & Wall Packs         1         274           BATC5H         Battens         1         332         BPLEDEM         Butheads & Wall Packs         1         373           BATC5H         Battens         1         332         BTTACF         Butheads & Wall Packs         1         275           BATC6H         Battens         1         332         BTTACF         Butheads & Wall Packs         1         277           BATC6H         Battens         1         332         BTTACF         Butheads & Wall Packs         1         277           BATC6H         Battens         1         330         BTTACF         Butheads & Wall Packs         1         277  |          | Catalogue Section      | Qty | Page |           | Catalogue Section            | Qty | Page       |
| Edd         Catalogue Section         Oty Page         BLEDSBB         Outdoor Wall Lights         1         232           BATC4         Battens         1         332         BLEDSBW         Outdoor Wall Lights         1         254           BATC4         Battens         1         332         BLEDSSW         Outdoor Wall Lights         1         254           BATC5         Battens         1         332         BLEDSSW         Outdoor Wall Lights         1         254           BATC5EM         Battens         1         332         BPLEDE         Bulkheads & Wall Packs         1         274           BATC5EM         Battens         1         332         BPLEDS         Lamps & Lighting Accessories         1         377           BATC6         Battens         1         332         BT14CTA         Bulkheads & Wall Packs         1         279           BATC6H         Battens         1         332         BT14CTA         Bulkheads & Wall Packs         1         279           BATC6H         Battens         1         330         BT14CTA         Bulkheads & Wall Packs         1         279           BATC6H         Battens         1         330         BT14CTB         Bulkheads  | AV8      | Datacomms              | 1   | 124  | BL20LEDE  | Bulkheads & Wall Packs       | 1   | 295        |
| BATC4         Battens         1         332         BLEDSFW         Outdoor Wall Lights         1         254           BATC4EM         Battens         1         332         BLEDSSW         Outdoor Wall Lights         1         254           BATC5         Battens         1         332         BLEDSSW         Outdoor Wall Lights         1         254           BATC5EM         Battens         1         332         BPLEDEN         Bulkheads & Wall Parks         1         294           BATC5         Battens         1         332         BPLEDEN         Lamps & Lighting Accessories         1         377           BATC6         Battens         1         332         BTL4R         Bulkheads & Wall Parks         1         297           BATC6M         Battens         1         332         BTL4CF         Bulkheads & Wall Parks         1         297           BATC6         Battens         1         332         BTL4CT         Bulkheads & Wall Parks         1         297           BATC5         Battens         1         330         BTL4CTEMA         Bulkheads & Wall Parks         1         297           BATC5         Battens         1         330         BTL4CTEMA  | В.       |                        |     |      | BL20LEDS  | Bulkheads & Wall Packs       | 1   | 295        |
| BATC4EM         Battens         1         332         BLEDS5W         Outdoor Wall Lights         1         255           BATC5         Battens         1         332         BLEDS5W         Outdoor Wall Lights         1         254           BATC5HM         Battens         1         332         BPLEDE         Bulkheads & Wall Packs         1         274           BATC5HM         Battens         1         332         BPLEDEN         Bulkheads & Wall Packs         1         275           BATC5G         Battens         1         332         BPLEDEN         Lamps & Lighting Accessories         1         276           BATC6HM         Battens         1         332         BT4C1H         Bulkheads & Wall Packs         1         276           BATC6HM         Battens         1         332         BT4C1H         Bulkheads & Wall Packs         1         277           BATC6A         Battens         1         330         BT4C1FM         Bulkheads & Wall Packs         1         277           BATS4         Battens         1         330         BT4C1FM         Bulkheads & Wall Packs         1         279           BATS4         Battens         1         330         BT4C1FM   | Code     | Catalogue Section      | Qty | Page | BLED5BB   | Outdoor Wall Lights          | 1   | 254        |
| BATCS         Battens         1         332         BLEDSSW         Outdoor Wall Lights         1         254           BATCSEM         Battens         1         332         BPLEDE         Buikheads & Wall Packs         1         294           BATCSEM         Battens         1         332         BPLEDENS         Lamps & Lighting Accessories         1         375           BATCS         Battens         1         332         BPLEDENS         Lamps & Lighting Accessories         1         373           BATCG         Battens         1         332         BT14CH         Buikheads & Wall Packs         1         297           BATCGHM         Battens         1         332         BT14CT         Buikheads & Wall Packs         1         297           BATCS         Battens         1         330         BT14CTEM         Buikheads & Wall Packs         1         297           BATS2         Battens         1         330         BT14CTEM         Buikheads & Wall Packs         1         297           BATS4         Battens         1         330         BT14CTEM         Buikheads & Wall Packs         1         297           BATS4         Battens         1         330         BT14CTEM </td <td>BATC4</td> <td>Battens</td> <td>1</td> <td>332</td> <td>BLED5BW</td> <td>Outdoor Wall Lights</td> <td>1</td> <td>254</td> | BATC4    | Battens                | 1   | 332  | BLED5BW   | Outdoor Wall Lights          | 1   | 254        |
| BATCSEM         Battens         1         332         BPLED         Bulkheads & Wall Packs         1         294           BATCSHM         Battens         1         332         BPLEDEM         Bulkheads & Wall Packs         1         337           BATCSH         Battens         1         332         BPLEDEN         Lamps & Lighting Accessories         1         337           BATCS         Battens         1         332         BPLEDEN         Lamps & Lighting Accessories         1         332           BATCGEM         Battens         1         332         BT14CH         Bulkheads & Wall Packs         1         297           BATCGEM         Battens         1         332         BT14CTB         Bulkheads & Wall Packs         1         297           BATCG         Battens         1         330         BT14CTEM         Bulkheads & Wall Packs         1         297           BATSG         Battens         1         330         BT14CTEM         Bulkheads & Wall Packs         1         297           BATSG         Battens         1         330         BT14CEB         Bulkheads & Wall Packs         1         298           BATSS         Battens         1         330         BT14EGE  | BATC4EM  | Battens                | 1   | 332  | BLED5SB   | Outdoor Wall Lights          | 1   | 254        |
| BATCSEMH         Battens         1         332         BPLEDEM         Bulkheads & Wall Packs         1         234           BATCSF         Battens         1         332         BPLEDDEMS         Lamps & Lighting Accessories         1         337           BATCS         Battens         1         332         BFLEDS         Lamps & Lighting Accessories         1         332           BATCG         Battens         1         332         BTLACR         Bulkheads & Wall Packs         1         297           BATCSEM         Battens         1         332         BTLACT         Bulkheads & Wall Packs         1         297           BATCSE         Battens         1         330         BTLACTA         Bulkheads & Wall Packs         1         297           BATSA         Battens         1         330         BTLACTS         Bulkheads & Wall Packs         1         297           BATSA         Battens         1         330         BTLACTS         Bulkheads & Wall Packs         1         298           BATSEM         Battens         1         330         BTLACTS         Bulkheads & Wall Packs         1         298           BATSEM         Battens         1         330         BTLACTS  | BATC5    | Battens                | 1   | 332  | BLED5SW   | Outdoor Wall Lights          | 1   | 254        |
| BATCSH         Battens         1         332         BPLEDEMS         Lamps & Lighting Accessories         1         372           BATCS         Battens         1         332         BPLEDEN         Lamps & Lighting Accessories         1         372           BATCG         Battens         1         332         BT14CHR         Bulkheads & Wall Packs         1         298           BATCGEMH         Battens         1         332         BT14CTR         Bulkheads & Wall Packs         1         297           BATCGS         Battens         1         332         BT14CTEM         Bulkheads & Wall Packs         1         297           BATSG         Battens         1         330         BT14CTEMS         Bulkheads & Wall Packs         1         297           BATSG         Battens         1         330         BT14CTEMS         Bulkheads & Wall Packs         1         297           BATSS         Battens         1         330         BT14CES         Bulkheads & Wall Packs         1         298           BATSSE         Battens         1         330         BT14ES         Bulkheads & Wall Packs         1         298           BATSSEM         Battens         1         331         BT  | BATC5EM  | Battens                | 1   | 332  | BPLED     | Bulkheads & Wall Packs       | 1   | 294        |
| BATCSS         Battens         1         332         BPLEDS         Lamps & Lighting Accessories         1         373           BATCG         Battens         1         332         BTLAB         Bulkheads & Wall Packs         1         298           BATC6EM         Battens         1         332         BTLACTA         Bulkheads & Wall Packs         1         297           BATC6H         Battens         1         332         BTLACTA         Bulkheads & Wall Packs         1         297           BATS2         Battens         1         330         BTLACTEM         Bulkheads & Wall Packs         1         297           BATS4         Battens         1         330         BTLACTEM         Bulkheads & Wall Packs         1         297           BATS4         Battens         1         330         BTLACTEM         Bulkheads & Wall Packs         1         297           BATS55         Battens         1         330         BTLACES         Bulkheads & Wall Packs         1         298           BATS55M         Battens         1         330         BTLACES         Bulkheads & Wall Packs         1         298           BATS55M         Battens         1         331         BTLACE  | BATC5EMH | Battens                | 1   | 332  | BPLEDEM   | Bulkheads & Wall Packs       | 1   | 294        |
| BATC6         Battens         1         332         BT14B         Bulkheads Kull Packs         1         298           BATC6EM         Battens         1         332         BT14CHR         Bulkheads Kull Packs         1         297           BATC6HM         Battens         1         332         BT14CTEM         Bulkheads Kull Packs         1         297           BATC6         Battens         1         332         BT14CTEM         Bulkheads Kull Packs         1         297           BATS4         Battens         1         330         BT14CTEM         Bulkheads Kull Packs         1         297           BATS4         Battens         1         330         BT14CTEM         Bulkheads Kull Packs         1         297           BATS5         Battens         1         330         BT14EB         Bulkheads Kull Packs         1         298           BATS5EM         Battens         1         330         BT14EB         Bulkheads Kull Packs         1         298           BATS5EM         Battens         1         331         BT14GB         Bulkheads Kull Packs         1         298           BATS5EM         Battens         1         331         BT14GB         Bulkheads Ku   | BATC5H   | Battens                | 1   | 332  | BPLEDEMS  | Lamps & Lighting Accessories | 1   | 373        |
| BATC         Battens         1         332         BT146         Bukheads & Wall Packs         1         296           BATC6EM         Battens         1         332         BT14CHR         Bukheads & Wall Packs         1         296           BATC6H         Battens         1         332         BT14CTA         Bukheads & Wall Packs         1         297           BATC6H         Battens         1         330         BT14CTA         Bukheads & Wall Packs         1         297           BATS4         Battens         1         330         BT14CTEM         Bukheads & Wall Packs         1         297           BATS4         Battens         1         330         BT14CTEM         Bukheads & Wall Packs         1         297           BATS5         Battens         1         330         BT14ES         Bukheads & Wall Packs         1         298           BATS5EM         Battens         1         330         BT14ES         Bukheads & Wall Packs         1         298           BATS5EM         Battens         1         330         BT14ES         Bukheads & Wall Packs         1         296           BATS6EM         Battens         1         331         BT14GS         Bukhea   | BATC5S   | Battens                | 1   | 332  | BPLEDS    | Lamps & Lighting Accessories | 1   | 373        |
| BATCGEMH         Battens         1         332         BT14CT         Bulkheads & Wall Packs         1         297           BATCGH         Battens         1         332         BT14CTA         Bulkheads & Wall Packs         1         297           BATCS         Battens         1         330         BT14CTEM         Bulkheads & Wall Packs         1         297           BATSA         Battens         1         330         BT14CTEM         Bulkheads & Wall Packs         1         297           BATSA         Battens         1         330         BT14CTEM         Bulkheads & Wall Packs         1         297           BATSA         Battens         1         330         BT14CTE         Bulkheads & Wall Packs         1         297           BATSSE         Battens         1         330         BT14EG         Bulkheads & Wall Packs         1         298           BATSSEMS         Battens         1         330         BT14GE         Bulkheads & Wall Packs         1         298           BATSSEMS         Battens         1         331         BT20CV         Bulkheads & Wall Packs         1         298           BATSSEMS         Battens         1         331         BT20CTR   | BATC6    | Battens                | 1   | 332  | BT14B     |                              | 1   | 298        |
| BATCGHBattens1332BT14CTABulkheads & Wall Packs1297BATCGSBattens1332BT14CTEMBulkheads & Wall Packs1297BATSABattens1330BT14CTEMABulkheads & Wall Packs1297BATSABattens1330BT14CTEMABulkheads & Wall Packs1297BATSABattens1330BT14CTEMABulkheads & Wall Packs1297BATSSBattens1330BT14CEBulkheads & Wall Packs1296BATSSBattens1330BT14ESBulkheads & Wall Packs1296BATSSEMBattens1330BT14ESBulkheads & Wall Packs1296BATSSEMBattens1330BT14ESBulkheads & Wall Packs1296BATSSEMBattens1331BT14SUBulkheads & Wall Packs1296BATSSEMBattens1331BT20CTRBulkheads & Wall Packs1296BATSSEMBattens1331BT20CTRBulkheads & Wall Packs1297BATSGEMBattens1331BT20CTRBulkheads & Wall Packs1297BATSGEMBattens1331BT20CTRBulkheads & Wall Packs1297BATSGEMBattens1331BT20CTRBulkheads & Wall Packs1297BATSGEMBattens1331BT20CT   | BATC6EM  | Battens                | 1   | 332  | BT14CHR   | Bulkheads & Wall Packs       | 1   | 298        |
| BATC6S         Battens         1         332         BT14CTEM         Bulkheads & Wall Packs         1         297           BATS2         Battens         1         330         BT14CTEMS         Bulkheads & Wall Packs         1         297           BATS4         Battens         1         330         BT14CTEMS         Bulkheads & Wall Packs         1         297           BATS4         Battens         1         330         BT14CTEMS         Bulkheads & Wall Packs         1         297           BATS5         Battens         1         330         BT14EB         Bulkheads & Wall Packs         1         298           BATS5EM         Battens         1         330         BT14ES         Bulkheads & Wall Packs         1         298           BATS5EM         Battens         1         331         BT14CSU         Bulkheads & Wall Packs         1         298           BATS5E         Battens         1         331         BT20K         Bulkheads & Wall Packs         1         298           BATS6E         Battens         1         331         BT20CTA         Bulkheads & Wall Packs         1         297           BATS6EM         Battens         1         331         BT20CTEM   | BATC6EMH | Battens                | 1   | 332  | BT14CT    | Bulkheads & Wall Packs       | 1   | 297        |
| BATS2         Battens         1         330         BT14/CTEMA         Bulkheads & Wall Packs         1         297           BATS4         Battens         1         330         BT14/CTEMS         Bulkheads & Wall Packs         1         297           BATS4         Battens         1         330         BT14/CTS         Bulkheads & Wall Packs         1         296           BATS5         Battens         1         330         BT14/EB         Bulkheads & Wall Packs         1         296           BATS5         Battens         1         330         BT14/EB         Bulkheads & Wall Packs         1         296           BATS5EM         Battens         1         330         BT14/EB         Bulkheads & Wall Packs         1         296           BATS5EM         Battens         1         330         BT14/EB         Bulkheads & Wall Packs         1         296           BATS6         Battens         1         331         BT20CH         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTA         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEM   | BATC6H   | Battens                | 1   | 332  | BT14CTA   | Bulkheads & Wall Packs       | 1   | 297        |
| BATS4         Battens         1         330         BT14CTEMS         Bulkheads & Wall Packs         1         297           BATS4KM         Battens         1         330         BT14CTS         Bulkheads & Wall Packs         1         298           BATS5         Battens         1         330         BT14EB         Bulkheads & Wall Packs         1         298           BATS5         Battens         1         330         BT14EG         Bulkheads & Wall Packs         1         298           BATS5EM         Battens         1         330         BT14G         Bulkheads & Wall Packs         1         298           BATS5EM         Battens         1         330         BT14G         Bulkheads & Wall Packs         1         298           BATS5H         Battens         1         331         BT20CH         Bulkheads & Wall Packs         1         298           BATS6M         Battens         1         331         BT20CTR         Bulkheads & Wall Packs         1         297           BATS6M         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6M         Battens         1         331         BT20CTEM   | BATC6S   | Battens                | 1   | 332  | BT14CTEM  | Bulkheads & Wall Packs       | 1   | 297        |
| BATS4EM         Battens         1         330         BT4CTS         Bulkheads & Wall Packs         1         297           BATS4S         Battens         1         330         BT14EB         Bulkheads & Wall Packs         1         296           BATS5         Battens         1         330         BT14EB         Bulkheads & Wall Packs         1         296           BATS5EM         Battens         1         330         BT14ES         Bulkheads & Wall Packs         1         296           BATS5EM         Battens         1         330         BT14LS         Bulkheads & Wall Packs         1         296           BATS5EM         Battens         1         330         BT14LSU         Bulkheads & Wall Packs         1         296           BATS6         Battens         1         331         BT12OTT         Bulkheads & Wall Packs         1         297           BATS6EM         Battens         1         331         BT2OCTA         Bulkheads & Wall Packs         1         297           BATS6EM         Battens         1         331         BT2OCTA         Bulkheads & Wall Packs         1         297           BATS6M         Battens         1         331         BT2OCTEM  | BATS2    | Battens                | 1   | 330  | BT14CTEMA | Bulkheads & Wall Packs       | 1   | 297        |
| BATS45         Battens         1         330         BT14EB         Bulkheads & Wall Packs         1         296           BATS5         Battens         1         330         BT14EG         Bulkheads & Wall Packs         1         296           BATS5EM         Battens         1         330         BT14ES         Bulkheads & Wall Packs         1         296           BATS5EM         Battens         1         330         BT14ABR         Bulkheads & Wall Packs         1         296           BATS5FH         Battens         1         330         BT20CHR         Bulkheads & Wall Packs         1         296           BATS6         Battens         1         331         BT14CD         Bulkheads & Wall Packs         1         296           BATS6         Battens         1         331         BT20CTR         Bulkheads & Wall Packs         1         297           BATS6KM         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6K         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6K         Battens         1         301         BT20CTEM  | BATS4    | Battens                | 1   | 330  | BT14CTEMS | Bulkheads & Wall Packs       | 1   | 297        |
| BATS5         Battens         1         330         BT14E6         Bulkheads & Wall Packs         1         296           BATS5EM         Battens         1         330         BT14E5         Bulkheads & Wall Packs         1         296           BATS5EM         Battens         1         331         BT14K5         Bulkheads & Wall Packs         1         296           BATS5FM         Battens         1         330         BT14MBR         Bulkheads & Wall Packs         1         296           BATS5F         Battens         1         330         BT20LR         Bulkheads & Wall Packs         1         296           BATS6EM         Battens         1         331         BT20CTR         Bulkheads & Wall Packs         1         297           BATS6EMH         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS6EMS         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS6E         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS6A         Battens         1         301         BT20CTEM  | BATS4EM  | Battens                | 1   | 330  | BT14CTS   | Bulkheads & Wall Packs       | 1   | 297        |
| BATSSEM         Battens         1         330         BT14ES         Bulkheads & Wall Packs         1         296           BATSSEMH         Battens         1         331         BT14G         Bulkheads & Wall Packs         1         296           BATSSEMS         Battens         1         330         BT14ABR         Bulkheads & Wall Packs         1         296           BATSSE         Battens         1         330         BT14SLV         Bulkheads & Wall Packs         1         296           BATSS         Battens         1         331         BT20CHR         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTR         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         301         BT20CTEM   | BATS4S   | Battens                | 1   | 330  | BT14EB    | Bulkheads & Wall Packs       | 1   | 298        |
| BATSSEM         Battens         1         330         BT14ES         Bukheads & Wall Packs         1         296           BATSSEMH         Battens         1         330         BT14G         Bukheads & Wall Packs         1         296           BATSSE         Battens         1         330         BT14ABR         Bukheads & Wall Packs         1         296           BATSSE         Battens         1         330         BT14SLV         Bukheads & Wall Packs         1         296           BATS6         Battens         1         331         BT20CHR         Bukheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTR         Bukheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEM         Bukheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEM         Bukheads & Wall Packs         1         297           BATS6A         Battens         1         331         BT20CTEM         Bukheads & Wall Packs         1         297           BATS6H         Battens         1         301         BT20CTEM <t< td=""><td></td><td>Battens</td><td>1</td><td>330</td><td></td><td></td><td>1</td><td>298</td></t<>   |          | Battens                | 1   | 330  |           |                              | 1   | 298        |
| BATSSEMS         Battens         1         330         BT14MBR         Bulkheads & Wall Packs         1         296           BATSSFH         Battens         1         331         BT14SLV         Bulkheads & Wall Packs         1         296           BATSS         Battens         1         330         BT20CH         Bulkheads & Wall Packs         1         296           BATS6         Battens         1         331         BT20CT         Bulkheads & Wall Packs         1         297           BATS6EM         Battens         1         331         BT20CT         Bulkheads & Wall Packs         1         297           BATS6EM         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEMS         Bulkheads & Wall Packs         1         297           BATS6S         Battens         1         301         BT20CTEMS         Bulkheads & Wall Packs         1         297           BF1430E         Bulkheads & Wall Packs         1         301         BT20MS         Bulkheads & Wall Packs         1         296           BF1430S         Bulkheads & Wall Packs         1         30   | BATS5EM  | Battens                | 1   | 330  | BT14ES    | Bulkheads & Wall Packs       | 1   | 298        |
| BATSSH         Battens         1         331         BT14SLV         Bulkheads & Wall Packs         1         296           BATSS         Battens         1         330         BT20B         Bulkheads & Wall Packs         1         296           BATS6         Battens         1         331         BT20CHR         Bulkheads & Wall Packs         1         297           BATS6HH         Battens         1         331         BT20CT         Bulkheads & Wall Packs         1         297           BATS6HH         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6HH         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS6H         Bulkheads & Wall Packs         1         301         BT20CTEMA         Bulkheads & Wall Packs         1         297           BF1430EM         Bulkheads & Wall Packs         1         301         BT20FEMS         Bulkheads & Wall Packs         1         296           BF1430EM         Bulkheads & Wall Packs         1<  | BATS5EMH | Battens                | 1   | 331  | BT14G     | Bulkheads & Wall Packs       | 1   | 298        |
| BATSSS         Bartens         1         330         BT20B         Bulkheads & Wall Packs         1         296           BATS6         Battens         1         331         BT20CHR         Bulkheads & Wall Packs         1         297           BATS6EM         Battens         1         331         BT20CT         Bulkheads & Wall Packs         1         297           BATS6EMS         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS6S         Battens         1         301         BT200TEMS         Bulkheads & Wall Packs         1         297           BF1430EM         Bulkheads & Wall Packs         1         301         BT200FEM         Bulkheads & Wall Packs         1         297           BF1430EM         Bulkheads & Wall Packs         1         301         BT20MER         Bulkheads & Wall Packs         1         296           BF1430S         Bulkheads & Wall Packs   | BATS5EMS | Battens                | 1   | 330  |           |                              | 1   | 298        |
| BATS5S         Battens         1         330         BT20B         Bulkheads & Wall Packs         1         296           BATS6         Battens         1         331         BT20CHR         Bulkheads & Wall Packs         1         297           BATS6EM         Battens         1         331         BT20CT         Bulkheads & Wall Packs         1         297           BATS6EMS         Battens         1         331         BT20CT         Bulkheads & Wall Packs         1         297           BATS6EMS         Battens         1         331         BT20CTEM         Bulkheads & Wall Packs         1         297           BATS6EM         Battens         1         331         BT20CTEMS         Bulkheads & Wall Packs         1         297           BATS6M         Battens         1         301         BT20CTS         Bulkheads & Wall Packs         1         297           BY1430EM         Bulkheads & Wall Packs         1         301         BT20CTS         Bulkheads & Wall Packs         1         298           BY1430EM         Bulkheads & Wall Packs         1         301         BT20KIR         Bulkheads & Wall Packs         1         296           BY1430EM         Bulkheads & Wall Packs         1<  | BATS5H   | Battens                | 1   | 331  | BT14SLV   | Bulkheads & Wall Packs       | 1   | 298        |
| BATS6         Battens         1         331         BT20CHR         Bulkheads & Wall Packs         1         296           BATS6EM         Battens         1         331         BT20CT         Bulkheads & Wall Packs         1         297           BATS6EMH         Battens         1         331         BT20CTA         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS6H         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS65         Battens         1         301         BT20CTEMS         Bulkheads & Wall Packs         1         297           BF1430EM         Bulkheads & Wall Packs         1         301         BT20G         Bulkheads & Wall Packs         1         296           BF1430EMS         Bulkheads & Wall Packs         1         301         BT20G         Bulkheads & Wall Packs         1         296           BF1430EM         Bulkheads & Wall Packs         1         301         BT90FUR         Bulkheads & Wall Packs         1         296           BF148BR         Bulkheads & Wall Packs <td>BATS5S</td> <td>Battens</td> <td>1</td> <td>330</td> <td></td> <td></td> <td>1</td> <td>298</td>      | BATS5S   | Battens                | 1   | 330  |           |                              | 1   | 298        |
| BATS6EM         Battens         1         331         BT20CT         Bulkheads & Wall Packs         1         297           BATS6EMH         Battens         1         331         BT20CTA         Bulkheads & Wall Packs         1         297           BATS6EMS         Battens         1         331         BT20CTEMA         Bulkheads & Wall Packs         1         297           BATS6EMS         Battens         1         331         BT20CTEMS         Bulkheads & Wall Packs         1         297           BATS6EM         Bulkheads & Wall Packs         1         301         BT20CTEMS         Bulkheads & Wall Packs         1         297           BF1430         Bulkheads & Wall Packs         1         301         BT20CT         Bulkheads & Wall Packs         1         297           BF1430EM         Bulkheads & Wall Packs         1         301         BT20G         Bulkheads & Wall Packs         1         296           BF1430EM         Bulkheads & Wall Packs         1         301         BT20FUR         Bulkheads & Wall Packs         1         296           BF1480BR         Bulkheads & Wall Packs         1         301         BT9CTR         Bulkheads & Wall Packs         1         297           BF1480HT  | BATS6    | Battens                | 1   | 331  |           |                              | 1   | 298        |
| BATS6EMHBattens1331BT20CTABulkheads & Wall Packs1297BATS6EMSBattens1331BT20CTEMBulkheads & Wall Packs1297BATS6FBattens1331BT20CTEMABulkheads & Wall Packs1297BATS6SBattens1331BT20CTEMSBulkheads & Wall Packs1297BATS6SBattens1301BT20CTEMSBulkheads & Wall Packs1297BF1430Bulkheads & Wall Packs1301BT20CTSBulkheads & Wall Packs1298BF1430EMSBulkheads & Wall Packs1301BT20GBulkheads & Wall Packs1298BF1430EMSBulkheads & Wall Packs1301BT20GBulkheads & Wall Packs1298BF1480EMSBulkheads & Wall Packs1301BT20GBulkheads & Wall Packs1298BF1480FBulkheads & Wall Packs1301BT9CHRBulkheads & Wall Packs1298BF1480FBulkheads & Wall Packs1301BT9CTFBulkheads & Wall Packs1297BF1480KBulkheads & Wall Packs1301BT9CTFBulkheads & Wall Packs1297BF1480HTBulkheads & Wall Packs1301BT9CTFBulkheads & Wall Packs1297BF2440Bulkheads & Wall Packs1301BT9CTFBulkheads & Wall Packs1297BF2440BBulkheads & Wall Packs  | BATS6EM  | Battens                | 1   | 331  |           |                              | 1   | 297        |
| BATS6EMSBattens1331BT20CTEMBulkheads & Wall Packs1297BATS6HBattens1331BT20CTEMABulkheads & Wall Packs1297BATS6SBattens1331BT20CTEMSBulkheads & Wall Packs1297BF1430Bulkheads & Wall Packs1301BT20CTSBulkheads & Wall Packs1297BF1430EMBulkheads & Wall Packs1301BT20GBBulkheads & Wall Packs1297BF1430EMSBulkheads & Wall Packs1301BT20MBRBulkheads & Wall Packs1298BF1430EMSBulkheads & Wall Packs1301BT20MBRBulkheads & Wall Packs1298BF143BCBulkheads & Wall Packs1301BT90HRBulkheads & Wall Packs1298BF14BBRBulkheads & Wall Packs1301BT9CTHRBulkheads & Wall Packs1297BF14BMSBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF14BWHTBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMSBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMSBulkheads & Wall Packs1301BT9CEMSBulkheads & Wall Packs1297B  |          | Battens                | 1   | 331  |           |                              | 1   | 297        |
| BATS6HBattens1331BT20CTEMABulkheads & Wall Packs1297BATS6SBattens1331BT20CTEMSBulkheads & Wall Packs1297BF1430Bulkheads & Wall Packs1301BT20GBulkheads & Wall Packs1297BF1430EMBulkheads & Wall Packs1301BT20GBulkheads & Wall Packs1296BF1430EMSBulkheads & Wall Packs1301BT20GBulkheads & Wall Packs1296BF1430EMSBulkheads & Wall Packs1301BT20GHRBulkheads & Wall Packs1296BF1430SBulkheads & Wall Packs1301BT20SLVBulkheads & Wall Packs1296BF148DSBulkheads & Wall Packs1301BT9CHRBulkheads & Wall Packs1296BF148DRBulkheads & Wall Packs1301BT9CHRBulkheads & Wall Packs1297BF148DSBulkheads & Wall Packs1301BT9CTFBulkheads & Wall Packs1297BF148DHTBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440Bulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297B  | BATS6EMS | Battens                | 1   | 331  |           | Bulkheads & Wall Packs       | 1   | 297        |
| BATS6SBattens1331BT20CTEMSBulkheads & Wall Packs1297BF1430Bulkheads & Wall Packs1301BT20CTSBulkheads & Wall Packs1297BF1430EMBulkheads & Wall Packs1301BT20GBulkheads & Wall Packs1298BF1430EMSBulkheads & Wall Packs1301BT20GBBulkheads & Wall Packs1298BF1430EMSBulkheads & Wall Packs1301BT20MBRBulkheads & Wall Packs1298BF14B0RBulkheads & Wall Packs1301BT90CHRBulkheads & Wall Packs1298BF14B0SBulkheads & Wall Packs1301BT9CHRBulkheads & Wall Packs1298BF14BNSBulkheads & Wall Packs1301BT9CTBulkheads & Wall Packs1297BF14BWHTBulkheads & Wall Packs1301BT9CTEMBulkheads & Wall Packs1297BF14L4KBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440Bulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMSBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMSBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMSBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297   | BATS6H   | Battens                | 1   | 331  |           |                              | 1   | 297        |
| BF1430Bulkheads & Wall Packs1301BT20CTSBulkheads & Wall Packs1297BF1430EMBulkheads & Wall Packs1301BT20GBulkheads & Wall Packs1298BF1430EMSBulkheads & Wall Packs1301BT20MBRBulkheads & Wall Packs1298BF1430EMSBulkheads & Wall Packs1301BT20SLVBulkheads & Wall Packs1298BF148DRBulkheads & Wall Packs1301BT98Bulkheads & Wall Packs1298BF14BCHRBulkheads & Wall Packs1301BT9CTRBulkheads & Wall Packs1298BF14BMSBulkheads & Wall Packs1301BT9CTRBulkheads & Wall Packs1297BF14BWHTBulkheads & Wall Packs1301BT9CTEMBulkheads & Wall Packs1297BF14LKKBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440Bulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440Bulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1297BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1  |          | Battens                | 1   | 331  |           |                              | 1   | 297        |
| BF1430EMBulkheads & Wall Packs1301BT20GBulkheads & Wall Packs1298BF1430EMSBulkheads & Wall Packs1301BT20MBRBulkheads & Wall Packs1298BF1430SBulkheads & Wall Packs1301BT20SLVBulkheads & Wall Packs1298BF14BBRBulkheads & Wall Packs1301BT9BBulkheads & Wall Packs1298BF14BBRBulkheads & Wall Packs1301BT9CTBulkheads & Wall Packs1298BF14BMSBulkheads & Wall Packs1301BT9CTBulkheads & Wall Packs1297BF14BWHTBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF14L4KBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1297BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1 </td <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>-</td> <td>297</td>   |          |                        | -   |      |           |                              | -   | 297        |
| BF1430EMSBulkheads & Wall Packs1301BT20MBRBulkheads & Wall Packs1298BF1430SBulkheads & Wall Packs1301BT20SLVBulkheads & Wall Packs1298BF14BBRBulkheads & Wall Packs1301BT98Bulkheads & Wall Packs1298BF14BCHRBulkheads & Wall Packs1301BT9CHRBulkheads & Wall Packs1298BF14BWHTBulkheads & Wall Packs1301BT9CTEBulkheads & Wall Packs1297BF14BWHTBulkheads & Wall Packs1301BT9CTEMBulkheads & Wall Packs1297BF14L4KBulkheads & Wall Packs1301BT9CTEMBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTESBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CEBBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1   |          |                        | -   |      |           |                              | -   | 298        |
| BF1430SBulkheads & Wall Packs1301BT20SLVBulkheads & Wall Packs1298BF14BBRBulkheads & Wall Packs1301BT9BBulkheads & Wall Packs1298BF14BBCHRBulkheads & Wall Packs1301BT9CHRBulkheads & Wall Packs1298BF14BMSBulkheads & Wall Packs1301BT9CTBulkheads & Wall Packs1297BF14BWHTBulkheads & Wall Packs1301BT9CTEMBulkheads & Wall Packs1297BF144L4KBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440Bulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9EGBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9GBulkheads & Wall Packs1  |          |                        | -   |      |           |                              | -   |            |
| BF14BBRBulkheads & Wall Packs1301BT98Bulkheads & Wall Packs1298BF14BBRBulkheads & Wall Packs1301BT9CHRBulkheads & Wall Packs1298BF14BMSBulkheads & Wall Packs1301BT9CTBulkheads & Wall Packs1297BF14BMSBulkheads & Wall Packs1301BT9CTEMBulkheads & Wall Packs1297BF14L4KBulkheads & Wall Packs1301BT9CTEMBulkheads & Wall Packs1297BF2440Bulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1298BF2440EMBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9EGBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2440EMBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2440EMBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2440SBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298 </td <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>-</td> <td></td>   |          |                        | -   |      |           |                              | -   |            |
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| BF14BMSBulkheads & Wall Packs1301BT9CTBulkheads & Wall Packs1297BF14BWHTBulkheads & Wall Packs1301BT9CTEMBulkheads & Wall Packs1297BF14L4KBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440Bulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9CESBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2440SBulkheads & Wall Packs1301BT9GSBulkheads & Wall Packs1298BF248DRBulkheads & Wall Packs1301BT9GSBulkheads & Wall Packs1298BF248DKBulkheads & Wall Packs1301BT9SLVBulkheads & Wall Packs1298BF248DWHTBulkheads & Wall Packs1301BWLED1Bathroom1211BF248DWHTBulkheads & Wall Packs1301BWLED1Bathroom1211BF248DWHTBulkheads & Wall Packs1304BWLED1Bathroom1212BH228CBul   |          |                        | -   |      |           |                              | -   |            |
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| BF14L4KBulkheads & Wall Packs1301BT9CTEMSBulkheads & Wall Packs1297BF2440Bulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1297BF2440EMSBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9EGBulkheads & Wall Packs1298BF248BRBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF24BCHRBulkheads & Wall Packs1301BT9GBulkheads & Wall Packs1298BF24BMSBulkheads & Wall Packs1301BT9MBRBulkheads & Wall Packs1298BF24BMSBulkheads & Wall Packs1301BT9SLVBulkheads & Wall Packs1298BF24BWHTBulkheads & Wall Packs1301BWLED1Bathroom1211BF24L4KBulkheads & Wall Packs1304BWLED2Bathroom1211BH22BCBulkheads & Wall Packs1304BWLED4Bathroom1212BL01BKOutdoor Wall Lights1295BWLED6Bathroom1212BL12LEDBulkheads & Wall Packs1295BWLED7Bathroom1212BL12LEDEBulkheads & Wall Packs12   |          |                        | -   |      |           |                              | -   |            |
| BF2440Bulkheads & Wall Packs1301BT9CTSBulkheads & Wall Packs1297BF2440EMBulkheads & Wall Packs1301BT9EBBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9EGBulkheads & Wall Packs1298BF2440EMSBulkheads & Wall Packs1301BT9EGBulkheads & Wall Packs1298BF2480EMBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF2480ERBulkheads & Wall Packs1301BT9GBulkheads & Wall Packs1298BF2480CHRBulkheads & Wall Packs1301BT9MBRBulkheads & Wall Packs1298BF2480HTBulkheads & Wall Packs1301BT9SLVBulkheads & Wall Packs1298BF2480HTBulkheads & Wall Packs1301BWLED1Bathroom1211BF244KBulkheads & Wall Packs1301BWLED2Bathroom1211BH22BCBulkheads & Wall Packs1304BWLED2Bathroom1206BL01BKOutdoor Wall Lights1295BWLED6Bathroom1210BL12LEDBulkheads & Wall Packs1295BWLED7Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1210BL12LEDEBulkheads & Wall Packs1295B  |          |                        | -   |      |           |                              | -   |            |
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| BF2440EMSBulkheads & Wall Packs1301BT9EGBulkheads & Wall Packs1298BF2440SBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF24BBRBulkheads & Wall Packs1301BT9GBulkheads & Wall Packs1298BF24BBRBulkheads & Wall Packs1301BT9GBulkheads & Wall Packs1298BF24BMSBulkheads & Wall Packs1301BT9NBRBulkheads & Wall Packs1298BF24BWHTBulkheads & Wall Packs1301BT9SLVBulkheads & Wall Packs1298BF24BWHTBulkheads & Wall Packs1301BWLED1Bathroom1211BF24L4KBulkheads & Wall Packs1304BWLED2Bathroom1210BH22BCBulkheads & Wall Packs1304BWLED4Bathroom1210BH22BBulkheads & Wall Packs1294BWLED6Bathroom1210BH22BBulkheads & Wall Packs1294BWLED6Bathroom1210BL12LEDBulkheads & Wall Packs1295BWLED7Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1  |          |                        | -   |      |           |                              | -   |            |
| BF2440SBulkheads & Wall Packs1301BT9ESBulkheads & Wall Packs1298BF24BBRBulkheads & Wall Packs1301BT96Bulkheads & Wall Packs1298BF24BBRBulkheads & Wall Packs1301BT9MBRBulkheads & Wall Packs1298BF24BWHTBulkheads & Wall Packs1301BT9SLVBulkheads & Wall Packs1298BF24BWHTBulkheads & Wall Packs1301BT9LDBathroom1211BF24L4KBulkheads & Wall Packs1301BWLED1Bathroom1211BH22BCBulkheads & Wall Packs1304BWLED2Bathroom1212BH22BCBulkheads & Wall Packs1304BWLED4Bathroom1208BL01BKOutdoor Wall Lights1254BWLED6Bathroom1210BL12LEDBulkheads & Wall Packs1295BWLED7Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1206<   |          |                        | -   |      |           |                              | -   |            |
| BF24BBR<br>B44keads & Wall Packs1301BT96<br>B1796Bulkheads & Wall Packs1298<br>298BF24BCHR<br>B44keads & Wall Packs1301BT9MBR<br>B19MBRBulkheads & Wall Packs1298<br>298BF24BMS<br>B44keads & Wall Packs1301BT9SLV<br>B41keads & Wall Packs1298<br>298BF24BWHT<br>B44keads & Wall Packs1301BT9SLV<br>B41keads & Wall Packs1211<br>211BF24BWHT<br>B422BCBulkheads & Wall Packs1301BWLED1<br>B41room8athroom1211<br>211BH22BC<br>B4122BCBulkheads & Wall Packs1304BWLED2<br>B41kroomBathroom1212<br>212BL01BK<br>B4122BCOutdoor Wall Lights1254BWLED6<br>B41kroomBathroom1212<br>212BL12LED<br>B41kheads & Wall Packs1295BWLED7<br>B4throomBathroom1212<br>212BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1212<br>212   |          |                        | -   |      |           |                              | -   |            |
| BF24BCHRBulkheads & Wall Packs1301BT9MBRBulkheads & Wall Packs1298BF24BMSBulkheads & Wall Packs1301BT9SLVBulkheads & Wall Packs1298BF24BWHTBulkheads & Wall Packs1301BWLED1Bathroom1211BF24L4KBulkheads & Wall Packs1301BWLED1Bathroom1211BF24L4KBulkheads & Wall Packs1301BWLED1Bathroom1211BH22BCBulkheads & Wall Packs1304BWLED2Bathroom1211BH22PBBulkheads & Wall Packs1304BWLED4Bathroom1208BL01BKOutdoor Wall Lights1254BWLED6Bathroom1210BL12LEDBulkheads & Wall Packs1295BWLED7Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1208   |          |                        | -   |      |           |                              | -   |            |
| BF24BMSBulkheads & Wall Packs1301BT95LVBulkheads & Wall Packs1296BF24BWHTBulkheads & Wall Packs1301BWLED1Bathroom1211BF24L4KBulkheads & Wall Packs1301BWLED1Bathroom1211BF24L4KBulkheads & Wall Packs1301BWLED1Bathroom1211BH22BCBulkheads & Wall Packs1304BWLED2Bathroom1211BH22PBBulkheads & Wall Packs1304BWLED4Bathroom1208BL01BKOutdoor Wall Lights1254BWLED6Bathroom1210BL12LEDBulkheads & Wall Packs1295BWLED7Bathroom1210BL12LEDEBulkheads & Wall Packs1295BWLED9Bathroom1208   |          |                        | -   |      |           |                              | -   |            |
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| BH22PB         Bulkheads & Wall Packs         1         304         BWLED4         Bathroom         1         208           BL01BK         Outdoor Wall Lights         1         254         BWLED6         Bathroom         1         210           BL12LED         Bulkheads & Wall Packs         1         295         BWLED7         Bathroom         1         210           BL12LEDE         Bulkheads & Wall Packs         1         295         BWLED9         Bathroom         1         208   |          |                        |     |      |           |                              |     |            |
| BL01BK         Outdoor Wall Lights         1         254         BWLED6         Bathroom         1         210           BL12LED         Bulkheads & Wall Packs         1         295         BWLED7         Bathroom         1         210           BL12LEDE         Bulkheads & Wall Packs         1         295         BWLED9         Bathroom         1         208   |          |                        |     |      |           |                              |     |            |
| BL12LED         Bulkheads & Wall Packs         1         295         BWLED7         Bathroom         1         210           BL12LEDE         Bulkheads & Wall Packs         1         295         BWLED9         Bathroom         1         208  |          |                        |     |      |           |                              |     |            |
| BL12LEDE Bulkheads & Wall Packs 1 295 BWLED9 Bathroom 1 208   |          | •                      |     |      |           |                              |     |            |
|   |          |                        |     |      |           |                              |     |            |
| DURITUD DURINGADS A WAIL PACKS I ZAD LARKI I W LIDDOT LODIDOT 1 77  |          |                        |     |      |           |                              |     |            |
|   |          |                        |     |      |           |                              |     | 224<br>224 |
|   | DLEVLED  | Duinicaus & Wall Facks | 1   | 673  | CADDCWW   | onuel capiller               | 1   | 224        |

| С.       |                              |              | С.        |                       |          |
|----------|------------------------------|--------------|-----------|-----------------------|----------|
| Code     | Catalogue Section            | Qty Page     | Code      | Catalogue Section     | Qty Page |
| CABCCW   | Under Cabinet                | 1 224        | CL63FBC   | Raised Edge - Rounded | 1 31     |
| CABCWW   | Under Cabinet                | 1 224        | CL63FPC   | Raised Edge - Rounded | 1 31     |
| CABWCW   | Under Cabinet                | 1 224        | CL63NBC   | Raised Edge - Rounded | 1 31     |
| CABWWW   | Under Cabinet                | 1 224        | CL63NPC   | Raised Edge - Rounded | 1 31     |
| CAPWGU   | Groundlights & Deck Lighting | 1 273        | CL63PC    | Raised Edge - Rounded | 1 31     |
| CENCONF  | LED Flex                     | 1 236        | CL6BC     | Raised Edge - Rounded | 1 31     |
| CENCONS  | LED Flex                     | 1 236        | CL6PC     | Raised Edge - Rounded | 1 31     |
| CFR5CW   | Downlights                   | 1 185        | CL73BC    | Raised Edge - Rounded | 1 32     |
| CFR5WW   | Downlights                   | 1 185        | CL73PC    | Raised Edge - Rounded | 1 32     |
| CFRB     | Downlights                   | 1 185        | CL74BC    | Raised Edge - Rounded | 1 32     |
| CFRBC    | Downlights                   | 1 185        | CL74PC    | Raised Edge - Rounded | 1 32     |
| CFRPC    | Downlights                   | 1 185        | CL7BC     | Raised Edge - Rounded | 1 26     |
| CFRW     | Downlights                   | 1 185        | CL7BCG    | Raised Edge - Rounded | 1 26     |
| CL010BC  | Raised Edge - Rounded        | 1 32         | CL7BCW    | Raised Edge - Rounded | 1 26     |
| CL010PC  | Raised Edge - Rounded        | 1 32         | CL7PC     | Raised Edge - Rounded | 1 26     |
| CL014BC  | Raised Edge - Rounded        | 1 33         | CL7PCG    | Raised Edge - Rounded | 1 26     |
| CL014PC  | Raised Edge - Rounded        | 1 33         | CL7PCW    | Raised Edge - Rounded | 1 26     |
| CL015BC  | Raised Edge - Rounded        | 1 33         | CL81NBC   | Raised Edge - Rounded | 1 31     |
| CL015PC  | Raised Edge - Rounded        | 1 33         | CL81NPC   | Raised Edge - Rounded | 1 31     |
| CL11BC   | Raised Edge - Rounded        | 1 28         | CL82NBC   | Raised Edge - Rounded | 1 32     |
| CL11PC   | Raised Edge - Rounded        | 1 28         | CL82NPC   | Raised Edge - Rounded | 1 32     |
| CL12BC   | Raised Edge - Rounded        | 1 28         | CL834BC   | Raised Edge - Rounded | 1 31     |
| CL12PC   | Raised Edge - Rounded        | 1 28         | CL834FBC  | Raised Edge - Rounded | 1 31     |
| CL1GBC   | Raised Edge - Rounded        | 1 33         | CL834FPC  | Raised Edge - Rounded | 1 31     |
| CL1GPC   | Raised Edge - Rounded        | 1 33         | CL834NBC  | Raised Edge - Rounded | 1 31     |
| CL2181BC | Raised Edge - Rounded        | 1 30         | CL834NPC  | Raised Edge - Rounded | 1 31     |
| CL2181PC | Raised Edge - Rounded        | 1 30         | CL834PC   | Raised Edge - Rounded | 1 31     |
| CL2182BC | Raised Edge - Rounded        | 1 30         | CL83BC    | Raised Edge - Rounded | 1 32     |
| CL2182PC | Raised Edge - Rounded        | 1 30         | CL83BCG   | Raised Edge - Rounded | 1 32     |
| CL2183BC | Raised Edge - Rounded        | 1 30         | CL83BCW   | Raised Edge - Rounded | 1 32     |
| CL2183PC | Raised Edge - Rounded        | 1 30         | CL83PC    | Raised Edge - Rounded | 1 32     |
| CL2184BC | Raised Edge - Rounded        | 1 30         | CL83PCG   | Raised Edge - Rounded | 1 32     |
| CL2184PC | Raised Edge - Rounded        | 1 30         | CL83PCW   | Raised Edge - Rounded | 1 32     |
| CL2BC    | Raised Edge - Rounded        | 1 28         | CL85BC    | Raised Edge - Rounded | 1 33     |
| CL2GBC   | Raised Edge - Rounded        | 1 33         | CL85PC    | Raised Edge - Rounded | 1 33     |
| CL2GPC   | Raised Edge - Rounded        | 1 33         | CL86BC    | Raised Edge - Rounded | 1 33     |
| CL2PC    | Raised Edge - Rounded        | 1 28         | CL86PC    | Raised Edge - Rounded | 1 33     |
| CL3BC    | Raised Edge - Rounded        | 1 28         | CL89BC    | Raised Edge - Rounded | 1 27     |
| CL3PC    | Raised Edge - Rounded        | 1 28         | CL89BCG   | Raised Edge - Rounded | 1 27     |
| CL41BC   | Raised Edge - Rounded        | 1 28         | CL89BCW   | Raised Edge - Rounded | 1 27     |
| CL41PC   | Raised Edge - Rounded        | 1 28         | CL89PC    | Raised Edge - Rounded | 1 27     |
| CL42BC   | Raised Edge - Rounded        | 1 28         | CL89PCG   | Raised Edge - Rounded | 1 27     |
| CL42PC   | Raised Edge - Rounded        | 1 28         | CL89PCW   | Raised Edge - Rounded | 1 27     |
| CL45BC   | Raised Edge - Rounded        | 1 32         | CL91BC    | Raised Edge - Rounded | 1 27     |
| CL45PC   | Raised Edge - Rounded        | 1 32         | CL91BCG   | Raised Edge - Rounded | 1 27     |
| CL4BC    | Raised Edge - Rounded        | 1 28         | CL91BCW   | Raised Edge - Rounded | 1 27     |
| CL4GBC   | Raised Edge - Rounded        | 1 33         | CL91PC    | Raised Edge - Rounded | 1 27     |
| CL4GPC   | Raised Edge - Rounded        | 1 33         | CL91PCG   | Raised Edge - Rounded | 1 27     |
| CL4PC    | Raised Edge - Rounded        | 1 28         | CL91PCW   | Raised Edge - Rounded | 1 27     |
| CL5ABC   | Raised Edge - Rounded        | 1 28         | CL9224BC  | Raised Edge - Rounded | 1 26     |
| CL5ABCG  | Raised Edge - Rounded        | 1 28         | CL9224BCG | Raised Edge - Rounded | 1 26     |
| CL5ABCW  | Raised Edge - Rounded        | 1 28         | CL9224BCW | Raised Edge - Rounded | 1 26     |
| CL5APC   | Raised Edge - Rounded        | 1 28         | CL9224PC  | Raised Edge - Rounded | 1 26     |
| CL5APCG  | Raised Edge - Rounded        | 1 28         | CL9224PCG | Raised Edge - Rounded | 1 26     |
| CL5APCW  | Raised Edge - Rounded        | 1 28<br>1 31 | CL9224PCW | Raised Edge - Rounded | 1 26     |
| CL63BC   | Raised Edge - Rounded        | 1 31         | CL9BC     | Raised Edge - Rounded | 1 26     |

| С.         |                              |     |      | C.       |                              |     |      |
|------------|------------------------------|-----|------|----------|------------------------------|-----|------|
| Code       | Catalogue Section            | Qty | Page | Code     | Catalogue Section            | Qty | Page |
| CL9BCG     | Raised Edge - Rounded        | 1   | 26   | CRDL20   | Commercial Downlights        | 1   | 313  |
| CL9BCW     | Raised Edge - Rounded        | 1   | 26   | CRDL30   | Commercial Downlights        | 1   | 313  |
| CL9PC      | Raised Edge - Rounded        | 1   | 26   | CRF02B   | Under Cabinet                | 1   | 225  |
| CL9PCG     | Raised Edge - Rounded        | 1   | 26   | CRF02C   | Under Cabinet                | 1   | 225  |
| CL9PCW     | Raised Edge - Rounded        | 1   | 26   | CRF02CBR | Under Cabinet                | 1   | 225  |
| CLD4BCC    | Lamps & Lighting Accessories | 1   | 370  | CRF02W   | Under Cabinet                | 1   | 225  |
| CLD4ESC    | Lamps & Lighting Accessories | 1   | 370  | CRN12CW  | Lamps & Lighting Accessories | 1   | 368  |
| CLD4SBCC   | Lamps & Lighting Accessories | 1   | 370  | CRN18CW  | Lamps & Lighting Accessories | 1   | 368  |
| CLD4SESC   | Lamps & Lighting Accessories | 1   | 370  | CRN27CW  | Lamps & Lighting Accessories | 1   | 368  |
| CLD4SES0   | Lamps & Lighting Accessories | 1   | 370  | CRN36CW  | Lamps & Lighting Accessories | 1   | 368  |
| CLD6ESC    | Lamps & Lighting Accessories | 1   | 370  | CRN54CW  | Lamps & Lighting Accessories | 1   | 368  |
| CLD6SESC   | Lamps & Lighting Accessories | 1   | 370  | CRN54W   | Lamps & Lighting Accessories | 1   | 368  |
| CLIP1      | Non-corrosive                | 20  | 337  | CS010AB  | Raised Edge - Square         | 1   | 47   |
| CLTOG12BC  | Raised Edge - Rounded        | 1   | 29   | CS010BC  | Raised Edge - Square         | 1   | 47   |
| CLTOG12PC  | Raised Edge - Rounded        | 1   | 29   | CS014AB  | Raised Edge - Square         | 1   | 48   |
| CLTOG1BC   | Raised Edge - Rounded        | 1   | 29   | CS014BC  | Raised Edge - Square         | 1   | 48   |
| CLTOG1PC   | Raised Edge - Rounded        | 1   | 29   | CS015AB  | Raised Edge - Square         | 1   | 48   |
| CLTOG2BC   | Raised Edge - Rounded        | 1   | 29   | CS015BC  | Raised Edge - Square         | 1   | 48   |
| CLTOG2PC   | Raised Edge - Rounded        | 1   | 29   | CS11AB   | Raised Edge - Square         | 1   | 43   |
| CLTOG3BC   | Raised Edge - Rounded        | 1   | 29   | CS11BC   | Raised Edge - Square         | 1   | 43   |
| CLTOG3PC   | Raised Edge - Rounded        | 1   | 29   | CS12AB   | Raised Edge - Square         | 1   | 44   |
| CLTOG4BC   | Raised Edge - Rounded        | 1   | 29   | CS12BC   | Raised Edge - Square         | 1   | 44   |
| CLTOG4PC   | Raised Edge - Rounded        | 1   | 29   | CS1GAB   | Raised Edge - Square         | 1   | 48   |
| CON2P      | LED Flex                     | 1   | 236  | CS1GBC   | Raised Edge - Square         | 1   | 48   |
| CONFLEX2P  | LED Flex                     | 1   | 236  | CS2181AB | Raised Edge - Square         | 1   | 45   |
| CONFLEX3P  | LED Flex                     | 1   | 236  | CS2181BC | Raised Edge - Square         | 1   | 45   |
| CONFLEX4P  | LED Flex                     | 1   | 236  | CS2182AB | Raised Edge - Square         | 1   | 45   |
| CONFLEX5P  | LED Flex                     | 1   | 236  | CS2182BC | Raised Edge - Square         | 1   | 45   |
| CONFLEXCHS | LED Flex                     | 1   | 236  | CS2183AB | Raised Edge - Square         | 1   | 45   |
| CONIP2P    | LED Flex                     | 1   | 236  | CS2183BC | Raised Edge - Square         | 1   | 45   |
| CONIP3P    | LED Flex                     | 1   | 236  | CS2184AB | Raised Edge - Square         | 1   | 45   |
| CONIP4P    | LED Flex                     | 1   | 236  | CS2184BC | Raised Edge - Square         | 1   | 45   |
| CONIP5P    | LED Flex                     | 1   | 236  | CS2AB    | Raised Edge - Square         | 1   | 44   |
| CONT2P     | LED Flex                     | 1   | 236  | CS2BC    | Raised Edge - Square         | 1   | 44   |
| CONX2P     | LED Flex                     | 1   | 236  | CS2GAB   | Raised Edge - Square         | 1   | 48   |
| CPL12BC    | Commercial Downlights        | 1   | 311  | CS2GBC   | Raised Edge - Square         | 1   | 48   |
| CPL12CT    | Commercial Downlights        | 1   | 311  | CS3AB    | Raised Edge - Square         | 1   | 44   |
| CPL12MB    | Commercial Downlights        | 1   | 311  | CS3BC    | Raised Edge - Square         | 1   | 44   |
| CPL12PC    | Commercial Downlights        | 1   | 311  | CS41AB   | Raised Edge - Square         | 1   | 44   |
| CPL18BC    | Commercial Downlights        | 1   | 311  | CS41BC   | Raised Edge - Square         | 1   | 44   |
| CPL18CT    | Commercial Downlights        | 1   | 311  | CS42AB   | Raised Edge - Square         | 1   | 44   |
| CPL18MB    | Commercial Downlights        | 1   | 311  | CS42BC   | Raised Edge - Square         | 1   | 44   |
| CPL18PC    | Commercial Downlights        | 1   | 311  | CS45AB   | Raised Edge - Square         | 1   | 47   |
| CPL18WCT   | Smart Home                   | 1   | 169  | CS45BC   | Raised Edge - Square         | 1   | 47   |
| CPL24BC    | Commercial Downlights        | 1   | 311  | CS4AB    | Raised Edge - Square         | 1   | 44   |
| CPL24CT    | Commercial Downlights        | 1   | 311  | CS4BC    | Raised Edge - Square         | 1   | 44   |
| CPL24MB    | Commercial Downlights        | 1   | 311  | CS4GAB   | Raised Edge - Square         | 1   | 47   |
| CPL24PC    | Commercial Downlights        | 1   | 311  | CS4GBC   | Raised Edge - Square         | 1   | 47   |
| CPL24WCT   | Smart Home                   | 1   | 169  | CS5AAB   | Raised Edge - Square         | 1   | 43   |
| CPL6BC     | Commercial Downlights        | 1   | 311  | CS5ABC   | Raised Edge - Square         | 1   | 43   |
| CPL6CT     | Commercial Downlights        | 1   | 311  | CS5ABCG  | Raised Edge - Square         | 1   | 43   |
| CPL6MB     | Commercial Downlights        | 1   | 311  | CS5ABCW  | Raised Edge - Square         | 1   | 43   |
| CPL6PC     | Commercial Downlights        | 1   | 311  | CS63AB   | Raised Edge - Square         | 1   | 46   |
| CPLEM      | Emergency                    | 1   | 359  | CS63BC   | Raised Edge - Square         | 1   | 46   |
| CRDL10     | Commercial Downlights        | 1   | 313  | CS63FAB  | Raised Edge - Square         | 1   | 46   |
| CRDL15     | Commercial Downlights        | 1   | 313  | CS63FBC  | Raised Edge - Square         | 1   | 46   |
|            |                              |     |      |          |                              |     |      |

| CodeCatalogue SectionOty PageCodeCatalogue SectionCS63NABRaised Edge - Square146CS9BCGRaised Edge - SquareCS63NBCRaised Edge - Square146CS9BCWRaised Edge - SquareCS6ABRaised Edge - Square146CSBLUEBCRaised Edge - SquareCS6ABRaised Edge - Square146CSBLUEBCRaised Edge - SquareCS6ABRaised Edge - Square146CSCREW35Wiring BasicsCS73ABRaised Edge - Square147CSCREW508Flat PlateCS73BCRaised Edge - Square147C-SCREW508KFlat PlateCS74BCRaised Edge - Square147C-SCREW50NFlat PlateCS74BCRaised Edge - Square140CSQLADBCRaised Edge - SquareCS78CRaised Edge - Square140CSQLADBCRaised Edge - SquareCS7BCGRaised Edge - Square140CSQLADBCRaised Edge - SquareCS7BCRRaised Edge - Square140CSQLADBCRaised Edge - SquareCS7BCRRaised Edge - Square142CST0612ABRaised Edge - SquareCS7BCRRaised Edge - Square <th>Oty Page           1         40           1         40           1         42           100         148           100         148           100         72           100         72           100         72           100         72           100         72           100         148           1         42           1         42           1         42           1         45           1         45           1         45           1         45           1         45           1         45           1         45</th> | Oty Page           1         40           1         40           1         42           100         148           100         148           100         72           100         72           100         72           100         72           100         72           100         148           1         42           1         42           1         42           1         45           1         45           1         45           1         45           1         45           1         45           1         45 |
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| CS73ABRaised Edge - Square147CSCREW50Wiring BasicsCS73BCRaised Edge - Square147C-SCREW50BFlat PlateCS74ABRaised Edge - Square147C-SCREW50BFlat PlateCS74BCRaised Edge - Square147C-SCREW50NFlat PlateCS7ABRaised Edge - Square140CSCREW75Wiring BasicsCS7BCRaised Edge - Square140CSQUADBCRaised Edge - SquareCS7BCGRaised Edge - Square140CSQUADBCGRaised Edge - SquareCS7BCKRaised Edge - Square140CSQUADBCGRaised Edge - SquareCS7BCGRaised Edge - Square140CSQUADBCGRaised Edge - SquareCS7BCWRaised Edge - Square142CST0612ABRaised Edge - SquareCS7USB4BCRaised Edge - Square142CST0612BCRaised Edge - SquareCS7USB4BCWRaised Edge - Square142CST0612BRaised Edge - SquareCS81NBCRaised Edge - Square146CST0612BRaised Edge - SquareCS82NBERaised Edge - Square147CST062ABRaised Edge - SquareCS82NBCRaised Edge - Square147CST063ABRaised Edge - Square  | 100         148           100         72           100         72           100         12           100         148           1         42           1         42           1         42           1         42           1         42           1         42           1         42           1         45           1         45  |
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| CS81NAB     Raised Edge - Square     1     46     CST061BC     Raised Edge - Square       CS81NBC     Raised Edge - Square     1     46     CST062AB     Raised Edge - Square       CS82NAB     Raised Edge - Square     1     47     CST062BC     Raised Edge - Square       CS82NBC     Raised Edge - Square     1     47     CST062BC     Raised Edge - Square       CS82NBC     Raised Edge - Square     1     47     CST063AB     Raised Edge - Square   | 1 45   |
| CS81NBC     Raised Edge - Square     1     46     CST062AB     Raised Edge - Square       CS82NAB     Raised Edge - Square     1     47     CST062BC     Raised Edge - Square       CS82NBC     Raised Edge - Square     1     47     CST063AB     Raised Edge - Square   | 1 45   |
| CS82NAB     Raised Edge - Square     1     47     CST062BC     Raised Edge - Square       CS82NBC     Raised Edge - Square     1     47     CST063AB     Raised Edge - Square   | 1 45   |
| CS82NBC Raised Edge - Square 1 47 CSTOG3AB Raised Edge - Square   | 1 45   |
|   | 1 45   |
| CS834AB Raised Edge - Square 1 47 CSTOG3BC Raised Edge - Square   | 1 45   |
| CS834BC Raised Edge - Square 1 47 CSTOG4AB Raised Edge - Square   | 1 45   |
| CS834FAB Raised Edge - Square 1 46 CSTOG4RD Raised Edge - Square  | 1 45   |
| CS834FBC Raised Edge - Square 1 46 CU0100 Moulded Curved Edge   | 1 18   |
| CS834NAB Raised Edge - Square 1 46 CU0110 Moulded Curved Edge   | 1 18   |
| CS834NBC Raised Edge - Square 1 46 CU0120 Moulded Curved Edge   | 1 18   |
| CS83AB Raised Edge - Square 1 47 CU0140 Moulded Curved Edge   | 1 18   |
| CS83BC Raised Edge - Square 1 47 CU0150 Moulded Curved Edge   | 1 18   |
| CS83BCG Raised Edge - Square 1 47 CU1000 Moulded Curved Edge  | 1 16   |
| CS83BCW Raised Edge - Square 1 47 CU1100 Moulded Curved Edge  | 1 16   |
| CS85AB Raised Edge - Square 1 48 CU1200 Moulded Curved Edge   | 1 16   |
| CS85BC Raised Edge - Square 1 48 CU1200M Moulded Curved Edge  | 1 16   |
| CS86AB Raised Edge - Square 1 48 CU1300 Moulded Curved Edge   | 10 18  |
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|   |  |
| CS89AB Raised Edge - Square 1 43 CU1500 Moulded Curved Edge   | 5 18   |
| CS89BC Raised Edge - Square 1 43 CU1600 Moulded Curved Edge   | 5 18   |
| CS89BCG Raised Edge - Square 1 43 CU1610 Moulded Curved Edge  | 10 18  |
| CS89BCW Raised Edge - Square 1 43 CU1700 Moulded Curved Edge  | 10 18  |
| CS91AB Raised Edge - Square 1 40 CU1800 Moulded Curved Edge   | 5 18   |
| CS91BC Raised Edge - Square 1 40 CU1DIM Moulded Curved Edge   | 1 16   |
| CS91BCG Raised Edge - Square 1 40 CU1G Moulded Curved Edge  | 1 18   |
| CS91BCW Raised Edge - Square 1 40 CU2000 Moulded Curved Edge  | 1 16   |
| CS9224AB Raised Edge - Square 1 40 CU2161 Moulded Curved Edge   | 1 16   |
| CS9224BC Raised Edge - Square 1 40 CU2162 Moulded Curved Edge   | 1 16   |
| CS9224BCG Raised Edge - Square 1 40 CU2163 Moulded Curved Edge  | 1 16   |
| CS9224BCW Raised Edge - Square 1 40 CU2164 Moulded Curved Edge  | 1 16   |
| CS9905BC Raised Edge - Square 1 42 CU298MM Moulded Curved Edge  | 1 15   |
| CS9905BCG Raised Edge - Square 1 42 CU2DIM Moulded Curved Edge  | 1 16   |
| CS9905BCW Raised Edge - Square 1 42 CU2G Moulded Curved Edge  | 1 18   |
| CS9906BC Raised Edge - Square 1 41 CU3000 Moulded Curved Edge   | 1 16   |
| CS9906BCG Raised Edge - Square 1 41 CU4000 Moulded Curved Edge  | 1 16   |
| CS9906BCW Raised Edge - Square 1 41 CU4100 Moulded Curved Edge  | 1 16   |
| CS9907BC Raised Edge - Square 1 41 CU4101 Moulded Curved Edge   | 1 16   |
| CS9907BCG Raised Edge - Square 1 41 CU4200 Moulded Curved Edge  | 1 16   |
| CS9907BCW Raised Edge - Square 1 41 CU4G Moulded Curved Edge  | 1 18   |
| CS9AB Raised Edge - Square 1 40 CU5U Moulded Curved Edge  | 1 15   |
| CS9BC Raised Edge - Square 1 40 CU6000 Moulded Curved Edge  | 1 16   |

| Code         Catalogue Section         Dy Page           CU6000-3A         Moulded Curved Edge         1         16         CU6015         Moulded Curved Edge         1         21           CU60000N         Moulded Curved Edge         1         16         CU6M15         Moulded Curved Edge         1         21           CU6300F         Moulded Curved Edge         1         16         CU6M2         Moulded Curved Edge         1         20           CU7000N         Moulded Curved Edge         1         14         CU6M4         Moulded Curved Edge         1         20           CU7000N         Moulded Curved Edge         1         14         CU6M4         Moulded Curved Edge         1         20           CU7000N         Moulded Curved Edge         1         38         CU6M4         Moulded Curved Edge         1         20           CU7300N         Moulded Curved Edge         1         38         CU6M4         Moulded Curved Edge         1         20           CU7300N         Moulded Curved Edge         1         21         CU6M4         Moulded Curved Edge         1         21           CU8331M         Moulded Curved Edge         1         21         CU6M3         Moulded Curved Edge         1 <th>С.</th> <th></th> <th></th> <th></th> <th>C.</th> <th></th> <th></th> <th></th>  | С.               |                     |     |      | C.       |                        |     |      |
|---|------------------|---------------------|-----|------|----------|------------------------|-----|------|
| CL6000-3.4         Mudief Curvel Edge         1         16         CU6M3         Mudief Curvel Edge         1         21           CU6300         Mudief Curvel Edge         1         16         CU6M3         Mudief Curvel Edge         1         21           CU6300F         Mudief Curvel Edge         1         16         CU6M3         Mudief Curvel Edge         1         20           CU300N         Mudief Curvel Edge         1         14         CU6M5         Mudief Curvel Edge         1         20           CU7000         Mudief Curvel Edge         1         14         CU6M5         Mudief Curvel Edge         1         20           CU7000         Mudief Curvel Edge         1         18         CU6M6         Mudief Curvel Edge         1         20           CU7300         Mudief Curvel Edge         1         17         CUM08         Mudief Curvel Edge         1         21           CU8331         Mudief Curvel Edge         1         17         CUM08         Mudief Curvel Edge         1         21           CU8331W         Mudief Curvel Edge         1         17         CUM07         Mudief Curvel Edge         1         21           CU8331W         Mudief Curvel Edge         1   | Code             | Catalogue Section   | Qty | Page | Code     | Catalogue Section      | Qty | Page |
| CUB300         Moulded Curved Edge         1         16         CUGM2         Moulded Curved Edge         1         21           CUB300F         Moulded Curved Edge         1         20         CUGM2         Moulded Curved Edge         1         20           CU7000         Moulded Curved Edge         1         20         CUM0         Moulded Curved Edge         1         20           CU7000         Moulded Curved Edge         1         21         CUGM3         Moulded Curved Edge         1         20           CU7000         Moulded Curved Edge         1         28         CUGM3         Moulded Curved Edge         1         20           CU7000         Moulded Curved Edge         1         21         CUM0         Moulded Curved Edge         1         20           CU7300         Moulded Curved Edge         1         21         CUM0         Moulded Curved Edge         1         21           CU3331         Moulded Curved Edge         1         21         CUB333         Moulded Curved Edge         1         21           CU83334         Moulded Curved Edge         1         21         CUB333         Moulded Curved Edge         1         21           CU83334         Moulded Curved Edge <t< td=""><td>CU6000-3A</td><td>Moulded Curved Edge</td><td>1</td><td>16</td><td>CUGM15</td><td>Moulded Curved Edge</td><td>1</td><td></td></t<>    | CU6000-3A        | Moulded Curved Edge | 1   | 16   | CUGM15   | Moulded Curved Edge    | 1   |      |
| CL6300F         Moulded Curved Edge         1         16         CUGM3         Moulded Curved Edge         1         20           CU6300N         Moulded Curved Edge         1         16         CUGM3         Moulded Curved Edge         1         20           CU700D         Moulded Curved Edge         1         14         CUGM6         Moulded Curved Edge         1         20           CU700D         Moulded Curved Edge         1         14         CUGM6         Moulded Curved Edge         1         20           CU730D         Moulded Curved Edge         1         18         CUGM8         Moulded Curved Edge         1         20           CU331M         Moulded Curved Edge         1         21         CUM0D         Moulded Curved Edge         1         21           CU3331M         Moulded Curved Edge         1         21         CUM0D         Moulded Curved Edge         1         21           CU3332M         Moulded Curved Edge         1         27         CW11         Bathroom         1         208           CU3333M         Moulded Curved Edge         1         27         CW11         Bathroom         1         208           CU3333M         Moulded Curved Edge         1         <   | CU6000N          | Moulded Curved Edge | 1   | 16   | CUGM16   | Moulded Curved Edge    | 1   | 21   |
| CL6300N         Moulded Curved Edge         1         14         CUGNO         Moulded Curved Edge         1         20           CU700D         Moulded Curved Edge         1         21         20           CU700D         Moulded Curved Edge         1         20           CU8331         Moulded Curved Edge         1         20           CU8331         Moulded Curved Edge         1         21           CU8331M         Moulded Curved Edge         1         21           CU8331M         Moulded Curved Edge         1         21           CU8332M         Moulded Curved Edge         1         21           CU8332M         Moulded Curved Edge         1         21           CU8333M         Moulded Curved Edge         1         20  | CU6300           | Moulded Curved Edge | 1   | 16   | CUGM17   | Moulded Curved Edge    | 1   | 21   |
| CU7000         Moulded Curved Edge         1         14         CU6MS         Moulded Curved Edge         1         20           CU70000         Moulded Curved Edge         1         14         CU6MS         Moulded Curved Edge         1         20           CU70000         Moulded Curved Edge         1         18         CU6MS         Moulded Curved Edge         1         20           CU7300         Moulded Curved Edge         1         21         CU6MS         Moulded Curved Edge         1         21           CU8331         Moulded Curved Edge         1         21         CUMOD         Moulded Curved Edge         1         21           CU8331         Moulded Curved Edge         1         21         CUMOD         Moulded Curved Edge         1         21           CU8332         Moulded Curved Edge         1         21         CUMON         Moulded Curved Edge         1         21           CU8333         Moulded Curved Edge         1         27         CW11         Batrnoom         1         208           CU8333         Moulded Curved Edge         1         27         Code         Catalogue Section         00         Page           CU83333         Moulded Curved Edge         1   | CU6300F          | Moulded Curved Edge | 1   | 16   | CUGM2    | Moulded Curved Edge    | 1   | 20   |
| CUT700DS         Moulded Curved Edge         1         14         CUGMS         Moulded Curved Edge         1         20           CUT7000U         Moulded Curved Edge         1         14         CUGMS         Moulded Curved Edge         1         20           CUT7000         Moulded Curved Edge         1         38         CUGMS         Moulded Curved Edge         1         20           CU3331         Moulded Curved Edge         1         21         CUMRS         Moulded Curved Edge         1         21           CU3331M         Moulded Curved Edge         1         21         CUMRS         Moulded Curved Edge         1         21           CU3331M         Moulded Curved Edge         1         21         CUMRS         Moulded Curved Edge         1         21           CU3332M         Moulded Curved Edge         1         21         CUMSAH         Moulded Curved Edge         1         20           CU3332M         Moulded Curved Edge         1         27         CUNASH         Moulded Curved Edge         1         20           CU3332M         Moulded Curved Edge         1         27         COC01         Additional Hardware         1         156           CU3333M         Moulded Curved Edge <td>CU6300N</td> <td>Moulded Curved Edge</td> <td>1</td> <td>16</td> <td>CUGM3</td> <td>Moulded Curved Edge</td> <td>1</td> <td>20</td> | CU6300N          | Moulded Curved Edge | 1   | 16   | CUGM3    | Moulded Curved Edge    | 1   | 20   |
| CU7000U         Moulded Curved Edge         1         14         CUGM6         Moulded Curved Edge         1         20           CU7300         Moulded Curved Edge         1         38         CUGM7         Moulded Curved Edge         1         20           CU8331         Moulded Curved Edge         1         37         CUGM8         Moulded Curved Edge         1         21           CU8331M         Moulded Curved Edge         1         37         CUM0D         Moulded Curved Edge         1         21           CU8331M         Moulded Curved Edge         1         37         CUM0D         Moulded Curved Edge         1         21           CU8332M         Moulded Curved Edge         1         37         CUW1CN         Moulded Curved Edge         1         21           CU8333M         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CU8333M         Moulded Curved Edge         1         17         COC01         Additional Hardware         1         156           CU8333M         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         157           CU8330M         Moulded Curved Edge   | CU7000           | Moulded Curved Edge | 1   | 14   | CUGM4    | Moulded Curved Edge    | 1   | 20   |
| CU7300         Moulded Curved Edge         1         18         CUGM7         Moulded Curved Edge         1         20           CU7400         Moulded Curved Edge         1         20         CURA         Moulded Curved Edge         1         20           CU8331         Moulded Curved Edge         1         27         CUH0B         Moulded Curved Edge         1         21           CU8331W         Moulded Curved Edge         1         17         CUH0CD         Moulded Curved Edge         1         21           CU8331W         Moulded Curved Edge         1         17         CUMCRO         Moulded Curved Edge         1         21           CU8332W         Moulded Curved Edge         1         17         CUVL2         Bathroom         1         208           CU8333W         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CU8333W         Moulded Curved Edge         1         17         COC02         Additional Hardware         1         156           CU8333W         Moulded Curved Edge         1         17         DCOO3         Additional Hardware         1         157           CU8342W         Moulded Curved Edge         1  | CU7000S          | Moulded Curved Edge | 1   | 14   | CUGM5    | Moulded Curved Edge    | 1   | 20   |
| CU7400         Moulded Curved Edge         1         18         CUGM3         Moulded Curved Edge         1         20           CU8331         Moulded Curved Edge         1         77         CUH09         Moulded Curved Edge         1         21           CU8331W         Moulded Curved Edge         1         77         CUH00         Moulded Curved Edge         1         21           CU8331W         Moulded Curved Edge         1         77         CUMCRO         Moulded Curved Edge         1         21           CU8332W         Moulded Curved Edge         1         77         CUN2 Bathroom         1         208           CU8333W         Moulded Curved Edge         1         77         CWL2         Bathroom         1         208           CU8333W         Moulded Curved Edge         1         77         C         CGde         Catalogue Section         Cly Page           CU8333W         Moulded Curved Edge         1         77         DC001         Additional Hardware         1         156           CU8340         Moulded Curved Edge         1         77         DC003         Additional Hardware         1         157           CU8341         Moulded Curved Edge         1         77  | CU7000U          | Moulded Curved Edge | 1   | 14   | CUGM6    | Moulded Curved Edge    | 1   | 20   |
| CU8331         Moulded Curved Edge         1         17         CUGM9         Moulded Curved Edge         1         20           CU8331N         Moulded Curved Edge         1         21         CUHOB         Moulded Curved Edge         1         21           CU8331W         Moulded Curved Edge         1         21         CUNCR0         Moulded Curved Edge         1         21           CU8332N         Moulded Curved Edge         1         27         CUVRN         Moulded Curved Edge         1         21           CU8332N         Moulded Curved Edge         1         17         CUVASH         Moulded Curved Edge         1         20           CU8333N         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CU8333N         Moulded Curved Edge         1         17         DCO01         Additional Hardware         1         156           CU8333N         Moulded Curved Edge         1         17         DCO02         Additional Hardware         1         157           CU8340         Moulded Curved Edge         1         17         DCO05         Additional Hardware         1         157           CU8342N         Moulded Curved Edge <t< td=""><td>CU7300</td><td>Moulded Curved Edge</td><td>1</td><td>18</td><td>CUGM7</td><td>Moulded Curved Edge</td><td>1</td><td>20</td></t<>      | CU7300           | Moulded Curved Edge | 1   | 18   | CUGM7    | Moulded Curved Edge    | 1   | 20   |
| CU8331N         Moulded Curved Edge         1         17         CUHOB         Moulded Curved Edge         1         21           CU8331W         Moulded Curved Edge         1         17         CUHODD         Moulded Curved Edge         1         21           CU8332W         Moulded Curved Edge         1         17         CUVCNN         Moulded Curved Edge         1         21           CU8332W         Moulded Curved Edge         1         17         CUVASH         Moulded Curved Edge         1         208           CU8333W         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CU8333M         Moulded Curved Edge         1         17         DCO02         Additional Hardware         1         156           CU8333M         Moulded Curved Edge         1         17         DCO03         Additional Hardware         1         157           CU834M         Moulded Curved Edge         1         17         DCO04         Additional Hardware         1         157           CU834M         Moulded Curved Edge         1         17         DCO05         Additional Hardware         1         157           CU8340         Moulded Curved Edge   | CU7400           | Moulded Curved Edge | 1   | 18   | CUGM8    | Moulded Curved Edge    | 1   | 20   |
| CU8331WW         Moulded Curved Edge         1         17         CUH(R0         Moulded Curved Edge         1         21           CU8332W         Moulded Curved Edge         1         17         CUW(R0         Moulded Curved Edge         1         21           CU8332         Moulded Curved Edge         1         17         CUW(L1         Bathroom         1         208           CU8332         Moulded Curved Edge         1         17         CWL1         Bathroom         1         208           CU8333W         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CU8333W         Moulded Curved Edge         1         17         DC001         Additional Hardware         1         156           CU8333W         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         17         DC003         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         17         DC007         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1  | CU8331           | Moulded Curved Edge | 1   | 17   | CUGM9    | Moulded Curved Edge    | 1   | 20   |
| CU8331W         Moulded Curved Edge         1         17         CUURRO         Moulded Curved Edge         1         21           CU8332N         Moulded Curved Edge         1         17         CUVEN         Moulded Curved Edge         1         21           CU8332N         Moulded Curved Edge         1         17         CUVA         Bathroom         1         208           CU8333N         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CU8333N         Moulded Curved Edge         1         17         COC0         Additional Hardware         1         156           CU8333W         Moulded Curved Edge         1         17         DC001         Additional Hardware         1         156           CU8341         Moulded Curved Edge         1         17         DC003         Additional Hardware         1         157           CU8341         Moulded Curved Edge         1         17         E         CU834         Moulded Curved Edge         1         18         Code         Catalogue Section         Qy Page         CU834         Moulded Curved Edge         1         18         Code         Catalogue Section         1034         CU8000         Moulded   | CU8331N          | Moulded Curved Edge | 1   | 17   | CUHOB    | Moulded Curved Edge    | 1   | 21   |
| CU8332         Moulded Curved Edge         1         17         CUOVEN         Moulded Curved Edge         1         21           CU8332N         Moulded Curved Edge         1         17         CUWASH         Moulded Curved Edge         1         21           CU8332W         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CU8333         Moulded Curved Edge         1         17         D.         CU8333W         Moulded Curved Edge         1         17         DCO01         Additional Hardware         1         156           CU8333W         Moulded Curved Edge         1         17         DCO02         Additional Hardware         1         156           CU8340         Moulded Curved Edge         1         17         DCO07         Additional Hardware         1         157           CU8341         Moulded Curved Edge         1         77         DCO07         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         78         Code         Catalogue Section         Oty Page           CU8340         Moulded Curved Edge         1         18         EZ/PC         Bulkheads & Wall Packs         1   | CU8331NW         | Moulded Curved Edge | 1   | 17   | CUHOOD   | Moulded Curved Edge    | 1   | 21   |
| CU8332N         Moulded Curved Edge         1         17         CUWASH         Moulded Curved Edge         1         21           CU8332W         Moulded Curved Edge         1         17         CWL1         Bathroom         1         208           CU8333W         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CU8333W         Moulded Curved Edge         1         17         Code         Catalogue Section         Oty Page           CU8333W         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         156           CU834M         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         157           CU834D         Moulded Curved Edge         1         17         DC007         Additional Hardware         1         157           CU834D         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page           CU8350         Moulded Curved Edge         1         18         EZ7PC         Bulkheads & Wall Packs         1         304           CU9800N         Moulded Curved Edge         1         44         E  | CU8331W          | Moulded Curved Edge | 1   | 17   | CUMICRO  | Moulded Curved Edge    | 1   | 21   |
| CU8332NW         Moulded Curved Edge         1         17         CWL1         Bathroom         1         208           CU8333W         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CU8333N         Moulded Curved Edge         1         17         Code         Catalogue Section         Oty Page           CU8333NW         Moulded Curved Edge         1         17         DC001         Additional Hardware         1         156           CU8333NW         Moulded Curved Edge         1         17         DC003         Additional Hardware         1         156           CU834A         Moulded Curved Edge         1         77         DC006         Additional Hardware         1         157           CU834A         Moulded Curved Edge         1         77         DC007         Additional Hardware         1         157           CU834D         Moulded Curved Edge         1         88         E27PR         Bulkheads & Wall Packs         1         304           CU9900N         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9900D         Moulded Curved Edge         1         14   | CU8332           | Moulded Curved Edge | 1   | 17   | CUOVEN   | Moulded Curved Edge    | 1   | 21   |
| CUB332W         Moulded Curved Edge         1         17         CWL2         Bathroom         1         208           CUB333         Moulded Curved Edge         1         17         Code         Catalogue Section         Oty         Page           CUB333N         Moulded Curved Edge         1         17         DC001         Additional Hardware         1         156           CUB333W         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         156           CUB340         Moulded Curved Edge         1         17         DC006         Additional Hardware         1         157           CUB341         Moulded Curved Edge         1         17         DC007         Additional Hardware         1         157           CUB350         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page         1         304           CUB350         Moulded Curved Edge         1         18         EZPR         Bulkheads & Wall Packs         1         304           CU9800N         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9900         Moulded Curved Edge<  | CU8332N          | Moulded Curved Edge | 1   | 17   | CUWASH   | Moulded Curved Edge    | 1   | 21   |
| CU8333         Moulded Curved Edge         1         17         Code         Catalogue Section         Oty Page           CU8333NW         Moulded Curved Edge         1         17         Code         Catalogue Section         Oty Page           CU8333NW         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         156           CU8340         Moulded Curved Edge         1         17         DC003         Additional Hardware         1         157           CU8341         Moulded Curved Edge         1         17         DC006         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         18         CZPC         Bulkheads & Wall Packs         1         304           CU8360         Moulded Curved Edge         1         18         EZPRC         Bulkheads & Wall Packs         1         304           CU99000         Moulded Curved Edge         1         14         EMEXTL2         Emergency         1         354           CU99000         Moulded Curved Edge         1         14         EMEXTL2         Emergency         1         354           CU99001         Moulded Curved Edge         1         14   | CU8332NW         | Moulded Curved Edge | 1   | 17   | CWL1     | Bathroom               | 1   | 208  |
| CU8333N         Moulded Curved Edge         1         17         Cade         Catalogue Section         Oty Page           CU8333NW         Moulded Curved Edge         1         17         DC001         Additional Hardware         1         156           CU8333W         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         156           CU8341         Moulded Curved Edge         1         17         DC006         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         77         DC007         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page           CU8360         Moulded Curved Edge         1         18         EZ7PC         Bulkheads & Wall Packs         1         304           CU90000         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU90000         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU90005         Moulded Curved Edge         1         14   | CU8332W          | Moulded Curved Edge | 1   | 17   | CWL2     | Bathroom               | 1   | 208  |
| CU8333NW         Moulded Curved Edge         1         17         DC001         Additional Hardware         1         155           CU8333W         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         156           CU8340         Moulded Curved Edge         1         17         DC006         Additional Hardware         1         157           CU8341         Moulded Curved Edge         1         17         DC006         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         17         E.         U         1         157           CU8360         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page           CU8360         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         356           CU9903         Moulded Curved Edge         1         14         EMEXIT   | CU8333           | Moulded Curved Edge | 1   | 17   | D.       |                        |     |      |
| CUB333NW         Moulded Curved Edge         1         17         DC001         Additional Hardware         1         156           CUB333W         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         156           CUB340         Moulded Curved Edge         1         17         DC006         Additional Hardware         1         157           CUB341         Moulded Curved Edge         1         17         DC006         Additional Hardware         1         157           CUB342         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page           CUB360         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page           CUB300         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         304           CU9000         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU99001         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXIT2 </td <td>CU8333N</td> <td>Moulded Curved Edge</td> <td>1</td> <td>17</td> <td>Code</td> <td>Catalogue Section</td> <td>Qty</td> <td>Page</td>  | CU8333N          | Moulded Curved Edge | 1   | 17   | Code     | Catalogue Section      | Qty | Page |
| CU8333W         Moulded Curved Edge         1         17         DC002         Additional Hardware         1         156           CU8340         Moulded Curved Edge         1         17         DC006         Additional Hardware         1         157           CU8341         Moulded Curved Edge         1         17         DC007         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         17         DC007         Additional Hardware         1         157           CU8340         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page           CU8300         Moulded Curved Edge         1         15         E27PR         Bulkheads & Wall Packs         1         304           CU9000         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU90001         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU90003         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14 </td <td>CU8333NW</td> <td>Moulded Curved Edge</td> <td>1</td> <td>17</td> <td>DC001</td> <td></td> <td>1</td> <td></td>                       | CU8333NW         | Moulded Curved Edge | 1   | 17   | DC001    |                        | 1   |      |
| CU8341         Moulded Curved Edge         1         17         DC006         Additional Hardware         1         157           CU8341M         Moulded Curved Edge         1         17         DC007         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page           CU8360         Moulded Curved Edge         1         18         E27PC         Bulkheads & Wall Packs         1         304           CU9000         Moulded Curved Edge         1         14         EMEXITL         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMKIT2         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMKIT2         Emergency         1         350           CU9948         Moulded Curved Edge         1         21         EMLED   | CU8333W          | -                   | 1   | 17   | DC002    | Additional Hardware    | 1   | 156  |
| CU8341N         Moulded Curved Edge         1         17         DC007         Additional Hardware         1         157           CU8342         Moulded Curved Edge         1         17         E.         Curved Edge         1         18         Code         Catalogue Section         Qty Page           CU8360         Moulded Curved Edge         1         18         EZ7PC         Bulkheads & Wall Packs         1         304           CU8000         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         350           CU9914         Moulded Curved Edge         1         21         EMLED2A         Emergency         1         351           CU801L <t< td=""><td>CU8340</td><td>Moulded Curved Edge</td><td>1</td><td>17</td><td>DC003</td><td>Additional Hardware</td><td>1</td><td>156</td></t<>                       | CU8340           | Moulded Curved Edge | 1   | 17   | DC003    | Additional Hardware    | 1   | 156  |
| CU8342         Moulded Curved Edge         1         17         E.           CU8350         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page           CU8360         Moulded Curved Edge         1         18         E27PC         Bulkheads & Wall Packs         1         304           CU8900N         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9900M         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXITL3         Downlights         1         176           CU9904         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         350           CUB01L         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350 <td>CU8341</td> <td>Moulded Curved Edge</td> <td>1</td> <td>17</td> <td>DC006</td> <td>Additional Hardware</td> <td>1</td> <td>157</td>                             | CU8341           | Moulded Curved Edge | 1   | 17   | DC006    | Additional Hardware    | 1   | 157  |
| CU8342         Moulded Curved Edge         1         17         E.           CU8350         Moulded Curved Edge         1         18         Code         Catalogue Section         Oty Page           CU8360         Moulded Curved Edge         1         18         E27PC         Bulkheads & Wall Packs         1         304           CU8900N         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9900M         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXITL3         Downlights         1         176           CU9904         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         350           CUB01L         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350 <td>CU8341N</td> <td>Moulded Curved Edge</td> <td>1</td> <td>17</td> <td>DC007</td> <td>Additional Hardware</td> <td>1</td> <td>157</td>                            | CU8341N          | Moulded Curved Edge | 1   | 17   | DC007    | Additional Hardware    | 1   | 157  |
| CU8360         Moulded Curved Edge         1         18         E27PC         Bulkheads & Wall Packs         1         304           CU8900N         Moulded Curved Edge         1         15         E27PR         Bulkheads & Wall Packs         1         304           CU9000         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9000S         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9900J         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMKIT2         Emergency         1         355           CU994A         Moulded Curved Edge         1         21         EMLED1         Emergency         1         350           CU984B         Moulded Curved Edge         1         21         EMLED3         Emergency         1         351           CUB0L         Moulded Curved Edge         1         21         E  | CU8342           | -                   | 1   | 17   | E.       |                        |     |      |
| CU8360         Moulded Curved Edge         1         18         E27PC         Bulkheads & Wall Packs         1         304           CU8900N         Moulded Curved Edge         1         15         E27PR         Bulkheads & Wall Packs         1         304           CU9000         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9000U         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU9000U         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXITLR         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMKIT2         Emergency         1         350           CU9931         Moulded Curved Edge         1         21         EMLED2A         Emergency         1         350           CUBOIL         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUBRY         Moulded Curved Edge         1         21   | CU8350           | Moulded Curved Edge | 1   | 18   | Code     | Catalogue Section      | Qty | Page |
| CU8900N         Moulded Curved Edge         1         15         E27PR         Bulkheads & Wall Packs         1         304           CU9000         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9000         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU9000U         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXITL8         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMEXITL8         Emergency         1         350           CU9931C         Moulded Curved Edge         1         14         EMLED1         Emergency         1         350           CUBOL         Moulded Curved Edge         1         21         EMLED2A         Emergency         1         350           CUBRY         Moulded Curved Edge         1         21         EMLED2A         Emergency         1         351           CUBRY         Moulded Curved Edge         1         21         EMLED2A <td>CU8360</td> <td><b>v</b></td> <td>1</td> <td>18</td> <td></td> <td><i>v</i></td> <td></td> <td></td>   | CU8360           | <b>v</b>            | 1   | 18   |          | <i>v</i>               |     |      |
| CU9000         Moulded Curved Edge         1         14         EMEXIT         Emergency         1         354           CU9000S         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU9000U         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMEXIT1         Downlights         1         176           CU9914         Moulded Curved Edge         1         14         EMEUD1         Emergency         1         350           CU9914         Moulded Curved Edge         1         21         EMLED3         Emergency         1         351           CUBOIL         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUFNN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPOL         Eme   | CU8900N          |                     | 1   | 15   | E27PR    | Bulkheads & Wall Packs | 1   | 304  |
| CU9000S         Moulded Curved Edge         1         14         EMEXITL2         Emergency         1         354           CU9000U         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXITLR         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXITLR         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMEXITLR         Emergency         1         359           CU9931         Moulded Curved Edge         1         14         EMLED1         Emergency         1         350           CUBOIL         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUBRY         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUFN         Moulded Curved Edge         1         21         EMLED3         Emergency         1         355           CUG1X         Moulded Curved Edge         1         21         EMLED5         E   | CU9000           | -                   | 1   | 14   | EMEXIT   | Emergency              | 1   | 354  |
| CU9000U         Moulded Curved Edge         1         14         EMEXITL3         Emergency         1         354           CU9903         Moulded Curved Edge         1         14         EMEXITLR         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMEXITLR         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMKIT2         Emergency         1         359           CU99048         Moulded Curved Edge         1         21         EMLED1         Emergency         1         350           CUBOIL         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUDRY         Moulded Curved Edge         1         21         EMLED3         Emergency         1         351           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPSUKS         Emergency         1         356           CU61F         Moulded Curved Edge         1         19         EMPOWER2         Eme   | CU9000S          | <b>v</b>            | 1   | 14   | EMEXITL2 | • •                    | 1   | 354  |
| CU9903         Moulded Curved Edge         1         14         EMEXITLR         Emergency         1         354           CU9904         Moulded Curved Edge         1         14         EMGUKIT1         Downlights         1         176           CU9931C         Moulded Curved Edge         1         14         EMGUKIT1         Downlights         1         359           CU9948         Moulded Curved Edge         1         14         EMLED1         Emergency         1         350           CUB914         Moulded Curved Edge         1         21         EMLED2A         Emergency         1         350           CUDRY         Moulded Curved Edge         1         21         EMLED4         Emergency         1         350           CUFAN         Moulded Curved Edge         1         21         EMLED4         Emergency         1         351           CUFRID         Moulded Curved Edge         1         21         EMLED5         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPOWER         Emergency         1         356           CU61F         Moulded Curved Edge         1         19         EMPOWER3         E   | CU9000U          | <b>v</b>            | 1   | 14   | EMEXITL3 | • •                    | 1   | 354  |
| CU9904         Moulded Curved Edge         1         14         EMGUKIT1         Downlights         1         176           CU9931C         Moulded Curved Edge         1         14         EMKIT2         Emergency         1         359           CU9948         Moulded Curved Edge         1         14         EMLED1         Emergency         1         350           CUBOIL         Moulded Curved Edge         1         21         EMLED2A         Emergency         1         351           CUDISH         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPSUS         Emergency         1         356           CUG12         Moulded Curved Edge         1         19         EMPOWER         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER3         Emergenc   | CU9903           |                     | 1   | 14   | EMEXITLR | • •                    | 1   | 354  |
| CU9931C         Moulded Curved Edge         1         14         EMKIT2         Emergency         1         359           CU9948         Moulded Curved Edge         1         14         EMLED1         Emergency         1         350           CUBOIL         Moulded Curved Edge         1         21         EMLED2A         Emergency         1         351           CUDISH         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUDRY         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUG1         Moulded Curved Edge         1         21         EMLED5         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPDL         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER         Emergency         1         356           CUG2F         Moulded Curved Edge         1         19         EMPOWERST         Emergency <td>CU9904</td> <td>-</td> <td>1</td> <td>14</td> <td></td> <td>• •</td> <td>1</td> <td>176</td>  | CU9904           | -                   | 1   | 14   |          | • •                    | 1   | 176  |
| CU9948         Moulded Curved Edge         1         14         EMLED1         Emergency         1         350           CUBOIL         Moulded Curved Edge         1         21         EMLED2A         Emergency         1         351           CUDISH         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUDRY         Moulded Curved Edge         1         21         EMLED4         Emergency         1         350           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUFAN         Moulded Curved Edge         1         19         EMLSUS         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPOUER         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER2         Emergency         1         356           CUG2F         Moulded Curved Edge         1         19         EMPOWERX2         Emergency </td <td>CU9931C</td> <td><b>v</b></td> <td>1</td> <td>14</td> <td>EMKIT2</td> <td>•</td> <td>1</td> <td>359</td>   | CU9931C          | <b>v</b>            | 1   | 14   | EMKIT2   | •                      | 1   | 359  |
| CUBOIL         Moulded Curved Edge         1         21         EMLED2A         Emergency         1         351           CUDISH         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUDRY         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUFRID         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUG1         Moulded Curved Edge         1         19         EMLSUS         Emergency         1         355           CUG12         Moulded Curved Edge         1         19         EMPOWER         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER2         Emergency         1         356           CUG2F         Moulded Curved Edge         1         19         EMPOWERST         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERST         Emergency   | CU9948           | <b>v</b>            | 1   | 14   | EMLED1   | • •                    | 1   | 350  |
| CUDISH         Moulded Curved Edge         1         21         EMLED3         Emergency         1         350           CUDRY         Moulded Curved Edge         1         21         EMLED4         Emergency         1         350           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUFRID         Moulded Curved Edge         1         19         EMLSUS         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPDL         Emergency         1         358           CUG2F         Moulded Curved Edge         1         19         EMPOWER2         Emergency         1         356           CUG2F         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWERW2         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERW2         Emergency </td <td>CUBOIL</td> <td></td> <td>1</td> <td>21</td> <td>EMLED2A</td> <td>• •</td> <td>1</td> <td>351</td>   | CUBOIL           |                     | 1   | 21   | EMLED2A  | • •                    | 1   | 351  |
| CUDRY         Moulded Curved Edge         1         21         EMLED4         Emergency         1         350           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUFRID         Moulded Curved Edge         1         21         EMLREC         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPSUS         Emergency         1         358           CUG2F         Moulded Curved Edge         1         19         EMPOWER2         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWERW2         Emergency         1         352           CUG4         Moulded Curved Edge         1         19         EMPOWERW2         Emergency </td <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>• •</td> <td></td> <td></td>  |                  | -                   |     |      |          | • •                    |     |      |
| CUFAN         Moulded Curved Edge         1         21         EMLED5         Emergency         1         351           CUFRID         Moulded Curved Edge         1         21         EMLED5         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMLSUS         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPDL         Emergency         1         358           CUG1F         Moulded Curved Edge         1         19         EMPOWER         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER2         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERW2         Emergency         1         352           CUG4         Moulded Curved Edge         1         19         EMRUNT         Emergency  |                  | <b>v</b>            |     | 21   |          | • •                    |     |      |
| CUFRID         Moulded Curved Edge         1         21         EMLREC         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMLSUS         Emergency         1         355           CUG1         Moulded Curved Edge         1         19         EMPDL         Emergency         1         355           CUG12         Moulded Curved Edge         1         19         EMPDL         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERST         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMRNST         Emergency         1         352           CUG64         Moulded Curved Edge         1         19         EMRUND         Emergency   |                  | <b>v</b>            |     | 21   |          | • •                    |     |      |
| CUG1         Moulded Curved Edge         1         19         EMLSUS         Emergency         1         355           CUG12         Moulded Curved Edge         1         19         EMPDL         Emergency         1         358           CUG1F         Moulded Curved Edge         1         19         EMPOWER         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER2         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERST         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMRNST         Emergency         1         356           CUG64         Moulded Curved Edge         1         19         EMRUND         Emergency         1         352           CUGM1         Moulded Curved Edge         1         20         EMRUND         Emergency  |                  |                     |     | 21   |          | • •                    |     |      |
| CUG12         Moulded Curved Edge         1         19         EMPDL         Emergency         1         358           CUG1F         Moulded Curved Edge         1         19         EMPOWER         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER2         Emergency         1         356           CUG2F         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERST         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERW2         Emergency         1         352           CUG6         Moulded Curved Edge         1         19         EMRUN         Emergency         1         352           CUGM1         Moulded Curved Edge         1         20         EMRUND         Emergency         1         352           CUGM10         Moulded Curved Edge         1         21         EMRUNR         Emergency <td></td> <td>÷</td> <td></td> <td></td> <td></td> <td>• •</td> <td></td> <td></td>  |                  | ÷                   |     |      |          | • •                    |     |      |
| CUG1F         Moulded Curved Edge         1         19         EMPOWER         Emergency         1         356           CUG2         Moulded Curved Edge         1         19         EMPOWER2         Emergency         1         356           CUG2F         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWERST         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERV2         Emergency         1         356           CUG6         Moulded Curved Edge         1         19         EMRNST         Emergency         1         352           CUG8         Moulded Curved Edge         1         20         EMRUND         Emergency         1         352           CUGM1         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  |                  |                     |     |      |          |                        |     |      |
| CUG2         Moulded Curved Edge         1         19         EMPOWER2         Emergency         1         356           CUG2F         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWERST         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERW2         Emergency         1         356           CUG6         Moulded Curved Edge         1         19         EMRNT         Emergency         1         352           CUG8         Moulded Curved Edge         1         20         EMRUND         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency </td <td></td> <td>÷</td> <td></td> <td></td> <td></td> <td>• •</td> <td></td> <td></td>  |                  | ÷                   |     |      |          | • •                    |     |      |
| CUG2F         Moulded Curved Edge         1         19         EMPOWER3         Emergency         1         356           CUG3         Moulded Curved Edge         1         19         EMPOWERST         Emergency         1         359           CUG4         Moulded Curved Edge         1         19         EMPOWERST         Emergency         1         356           CUG4         Moulded Curved Edge         1         19         EMPOWERW2         Emergency         1         356           CUG6         Moulded Curved Edge         1         19         EMRNST         Emergency         1         352           CUG8         Moulded Curved Edge         1         20         EMRUND         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency   |                  | -                   |     |      |          | • •                    |     |      |
| CUG3         Moulded Curved Edge         1         19         EMPOWERST         Emergency         1         359           CUG4         Moulded Curved Edge         1         19         EMPOWERW2         Emergency         1         356           CUG6         Moulded Curved Edge         1         19         EMPOWERW2         Emergency         1         352           CUG6         Moulded Curved Edge         1         19         EMRNST         Emergency         1         352           CUG8         Moulded Curved Edge         1         20         EMRUND         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNU         Emergency         1         352           CUGM13         Moulded Curved Edge         1         21         EMSUR         Emergency </td <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   |                  | •                   |     |      |          |                        |     |      |
| CUG4         Moulded Curved Edge         1         19         EMPOWERW2         Emergency         1         356           CUG6         Moulded Curved Edge         1         19         EMRNST         Emergency         1         352           CUG8         Moulded Curved Edge         1         19         EMRUN         Emergency         1         352           CUG8         Moulded Curved Edge         1         20         EMRUN         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency         1         352           CUGM13         Moulded Curved Edge         1         21         EMSUR         Emergency         1         352  |                  | •                   |     |      |          |                        |     |      |
| CUG6         Moulded Curved Edge         1         19         EMRNST         Emergency         1         352           CUG8         Moulded Curved Edge         1         19         EMRUN         Emergency         1         352           CUGM1         Moulded Curved Edge         1         20         EMRUN         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency         1         352           CUGM13         Moulded Curved Edge         1         21         EMSUR         Emergency         1         352   |                  | •                   |     |      |          |                        |     |      |
| CUG8         Moulded Curved Edge         1         19         EMRUN         Emergency         1         352           CUGM1         Moulded Curved Edge         1         20         EMRUND         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency         1         352           CUGM13         Moulded Curved Edge         1         21         EMSUR         Emergency         1         358   |                  | -                   | -   |      |          |                        | -   |      |
| CUGM1         Moulded Curved Edge         1         20         EMRUND         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency         1         352           CUGM13         Moulded Curved Edge         1         21         EMSUR         Emergency         1         358   |                  | -                   |     |      |          | • •                    |     |      |
| CUGM10         Moulded Curved Edge         1         20         EMRUNL         Emergency         1         352           CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency         1         352           CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency         1         352           CUGM13         Moulded Curved Edge         1         21         EMSUR         Emergency         1         358   |                  | -                   |     |      |          | • •                    |     |      |
| CUGM11         Moulded Curved Edge         1         21         EMRUNR         Emergency         1         352           CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency         1         352           CUGM13         Moulded Curved Edge         1         21         EMSUR         Emergency         1         352   |                  | -                   |     |      |          | • •                    |     |      |
| CUGM12         Moulded Curved Edge         1         21         EMRUNU         Emergency         1         352           CUGM13         Moulded Curved Edge         1         21         EMSUR         Emergency         1         358  |                  | ÷                   |     |      |          | • •                    |     |      |
| CUGM13         Moulded Curved Edge         1         21         EMSUR         Emergency         1         358   |                  | <b>v</b>            |     |      |          | • •                    |     |      |
|   |                  | -                   |     |      |          | • •                    |     |      |
| LUGMTA Moulded Curved Edge 1 20 EMSWING Emergency 1 252   | CUGM15<br>CUGM14 | Moulded Curved Edge | 1   | 20   | EMSOR    | Emergency              | 1   | 353  |
|   | 0001114          | moulaca carvea Luye | -   | 20   | Enomino  | -mergency              | -   | 555  |

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| E.        |   |          | F.        |                   |          |
|-----------|---|----------|-----------|-------------------|----------|
| Code      | Catalogue Section                       | Qty Page | Code      | Catalogue Section | Qty Page |
| EMSWINGD  | Emergency                               | 1 353    | FLN20     | Floodlights       | 1 282    |
| EMSWINGLR | Emergency                               | 1 353    | FLN30     | Floodlights       | 1 282    |
| EMTWIN    | Emergency                               | 1 349    | FLN50     | Floodlights       | 1 282    |
| EMTWINIP  | Emergency                               | 1 348    | FLNMIC    | Floodlights       | 1 282    |
| EMTWINPC  | Emergency                               | 1 349    | FLNPIR    | Floodlights       | 1 282    |
| EMTWINST  | Emergency                               | 1 348    | FLP100    | Floodlights       | 1 284    |
| EMXST     | Emergency                               | 1 354    | FLP100A   | Floodlights       | 1 284    |
| ENM5      | Emergency                               | 1 357    | FLP150    | Floodlights       | 1 284    |
| EVOABF    | Downlights                              | 1 182    | FLP150A   | Floodlights       | 1 284    |
| EVOABT    | Downlights                              | 1 183    | FLP200    | Floodlights       | 1 284    |
| EVOBCF    | Downlights                              | 1 182    | FLP200A   | Floodlights       | 1 284    |
| EVOBCT    | Downlights                              | 1 183    | FLR10     | Floodlights       | 1 283    |
| EVOBKF    | Downlights                              | 1 182    | FLR10P    | Floodlights       | 1 283    |
| EVOBKT    | Downlights                              | 1 183    | FLR20     | Floodlights       | 1 283    |
| EVOBRF    | Downlights                              | 1 182    | FLR20P    | Floodlights       | 1 283    |
| EVOBRT    | Downlights                              | 1 183    | FLR30     | Floodlights       | 1 283    |
| EVOCBC    | Downlights                              | 1 182    | FLR30P    | Floodlights       | 1 283    |
| EVOCC     | Downlights                              | 1 182    | FLR50     | Floodlights       | 1 283    |
| EVOCHF    | Downlights                              | 1 182    | FLR50P    | Floodlights       | 1 283    |
| EVOCHT    | Downlights                              | 1 183    | FLTB      | Floodlights       | 1 287    |
| EVOCW     | Downlights                              | 1 182    | FLTPB     | Floodlights       | 1 287    |
| EVOGMF    | Downlights                              | 1 182    | FLTPW     | Floodlights       | 1 287    |
| EVOGMT    | Downlights                              | 1 183    | FLTW      | Floodlights       | 1 287    |
| EVOICF    | Downlights                              | 1 183    | FP0100BB  | Flat Plate        | 1 69     |
| EVOICT    | Downlights                              | 1 182    | FP0100BB  | Flat Plate        | 1 69     |
| EVOICT    | Downlights                              | 1 183    | FP0100BC  | Flat Plate        | 1 69     |
|           | Downlights                              | 1 182    |           | Flat Plate        | 1 69     |
| EVOIPCH   |   | 1 182    | FP0100PB  |                   |          |
| EVOIPWH   | Downlights                              |          | FP0100PC  | Flat Plate        |          |
| EVOWHF    | Downlights                              | 1 182    | FP0100PL  | Flat Plate        | 1 69     |
| EVOWHT    | Downlights                              | 1 183    | FP0140BB  | Flat Plate        | 1 70     |
| EX001T    | Additional Hardware                     | 1 159    | FP0140BC  | Flat Plate        | 1 70     |
| EX003T    | Additional Hardware                     | 1 158    | FP0140GM  | Flat Plate        | 1 70     |
| EX004H    | Additional Hardware                     | 1 158    | FP0140PB  | Flat Plate        | 1 70     |
| EX004T    | Additional Hardware                     | 1 158    | FP0140PC  | Flat Plate        | 1 70     |
| EX005T    | Additional Hardware                     | 1 158    | FP0140PL  | Flat Plate        | 1 70     |
| EX007B    | Additional Hardware                     | 1 159    | FP0150BB  | Flat Plate        | 1 70     |
| EX007W    | Additional Hardware                     | 1 159    | FP0150BC  | Flat Plate        | 1 70     |
| EX009B    | Additional Hardware                     | 1 159    | FP0150GM  | Flat Plate        | 1 70     |
| EX009W    | Additional Hardware                     | 1 159    | FP0150PB  | Flat Plate        | 1 70     |
| EX4DUCT   | Additional Hardware                     | 1 159    | FP0150PC  | Flat Plate        | 1 70     |
| EXT2      | Spike Lights                            | 1 265    | FP0150PL  | Flat Plate        | 1 70     |
| EXT3      | Spike Lights                            | 1 265    | FP1100BB  | Flat Plate        | 1 62     |
| F.        |   |          | FP1100BC  | Flat Plate        | 1 62     |
| Code      | Catalogue Section                       | Qty Page | FP1100GM  | Flat Plate        | 1 62     |
| FL16BK    | Floodlights                             | 1 286    | FP1100PB  | Flat Plate        | 1 62     |
| FL16W     | Floodlights                             | 1 286    | FP1100PC  | Flat Plate        | 1 62     |
| FL8BK     | Floodlights                             | 1 286    | FP1100PL  | Flat Plate        | 1 62     |
| FL8W      | Floodlights                             | 1 286    | FP1200BB  | Flat Plate        | 1 62     |
| FLEXCON   | LED Flex                                | 1 236    | FP1200BC  | Flat Plate        | 1 62     |
| FLEXFIX   | LED Flex                                | 1 236    | FP1200GM  | Flat Plate        | 1 62     |
| FLEXFIXL  | LED Flex                                | 1 236    | FP1200PB  | Flat Plate        | 1 62     |
| FLF10RGB  | Floodlights                             | 1 285    | FP1200PC  | Flat Plate        | 1 62     |
| FLF20RGB  | Floodlights                             | 1 285    | FP1200PL  | Flat Plate        | 1 62     |
| FLF30RGB  | Floodlights                             | 1 285    | FP12T0GBB | Flat Plate        | 1 64     |
| FLF50RGB  | Floodlights                             | 1 285    | FP12T0GBC | Flat Plate        | 1 64     |
| FLN10     | Floodlights                             | 1 282    | FP12T0GGM | Flat Plate        | 1 64     |
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| F.        |                   |     |      | F.              |                   |     |      |
|-----------|-------------------|-----|------|-----------------|-------------------|-----|------|
| Code      | Catalogue Section | Qty | Page | Code            | Catalogue Section | Qty | Page |
| FP12T0GPB | Flat Plate        | 1   | 64   | FP3000BB        | Flat Plate        | 1   | 63   |
| FP12T0GPC | Flat Plate        | 1   | 64   | FP3000BC        | Flat Plate        | 1   | 63   |
| FP12T0GPL | Flat Plate        | 1   | 64   | FP3000GM        | Flat Plate        | 1   | 63   |
| FP1GBB    | Flat Plate        | 1   | 71   | FP3000PB        | Flat Plate        | 1   | 63   |
| FP1GBC    | Flat Plate        | 1   | 71   | FP3000PC        | Flat Plate        | 1   | 63   |
| FP1GGM    | Flat Plate        | 1   | 71   | FP3000PL        | Flat Plate        | 1   | 63   |
| FP1GPB    | Flat Plate        | 1   | 71   | <b>FP3T0GBB</b> | Flat Plate        | 1   | 64   |
| FP1GPC    | Flat Plate        | 1   | 71   | FP3T0GBC        | Flat Plate        | 1   | 64   |
| FP1GPL    | Flat Plate        | 1   | 71   | FP3T0GGM        | Flat Plate        | 1   | 64   |
| FP1T0GBB  | Flat Plate        | 1   | 64   | <b>FP3T0GPB</b> | Flat Plate        | 1   | 64   |
| FP1T0GBC  | Flat Plate        | 1   | 64   | FP3T0GPC        | Flat Plate        | 1   | 64   |
| FP1T0GGM  | Flat Plate        | 1   | 64   | FP3T0GPL        | Flat Plate        | 1   | 64   |
| FP1T0GPB  | Flat Plate        | 1   | 64   | FP4000BB        | Flat Plate        | 1   | 63   |
| FP1T0GPC  | Flat Plate        | 1   | 64   | FP4000BC        | Flat Plate        | 1   | 63   |
| FP1T0GPL  | Flat Plate        | 1   | 64   | FP4000GM        | Flat Plate        | 1   | 63   |
| FP2000BB  | Flat Plate        | 1   | 62   | FP4000PB        | Flat Plate        | 1   | 63   |
| FP2000GM  | Flat Plate        | 1   | 62   | FP4000PC        | Flat Plate        | 1   | 63   |
| FP2000PB  | Flat Plate        | 1   | 62   | FP4000PL        | Flat Plate        | 1   | 63   |
| FP2000PC  | Flat Plate        | 1   | 62   | FP4100BB        | Flat Plate        | 1   | 63   |
| FP2000PL  | Flat Plate        | 1   | 62   | FP4100BC        | Flat Plate        | 1   | 63   |
| FP2181BB  | Flat Plate        | 1   | 65   | FP4100GM        | Flat Plate        | 1   | 63   |
| FP2181BC  | Flat Plate        | 1   | 65   | FP4100PB        | Flat Plate        | 1   | 63   |
| FP2181GM  | Flat Plate        | 1   | 65   | FP4100PC        | Flat Plate        | 1   | 63   |
| FP2181PB  | Flat Plate        | 1   | 65   | FP4100PL        | Flat Plate        | 1   | 63   |
| FP2181PC  | Flat Plate        | 1   | 65   | FP4200BB        | Flat Plate        | 1   | 63   |
| FP2181PL  | Flat Plate        | 1   | 65   | FP4200BC        | Flat Plate        | 1   | 63   |
| FP2182BB  | Flat Plate        | 1   | 65   | FP4200GM        | Flat Plate        | 1   | 63   |
| FP2182BC  | Flat Plate        | 1   | 65   | FP4200PB        | Flat Plate        | 1   | 63   |
| FP2182GM  | Flat Plate        | 1   | 65   | FP4200PC        | Flat Plate        | 1   | 63   |
| FP2182PB  | Flat Plate        | 1   | 65   | FP4200PL        | Flat Plate        | 1   | 63   |
| FP2182PC  | Flat Plate        | 1   | 65   | FP4GBB          | Flat Plate        | 1   | 71   |
| FP2182PL  | Flat Plate        | 1   | 65   | FP4GBC          | Flat Plate        | 1   | 71   |
| FP2183BB  | Flat Plate        | 1   | 65   | FP4GGM          | Flat Plate        | 1   | 71   |
| FP2183BC  | Flat Plate        | 1   | 65   | FP4GPB          | Flat Plate        | 1   | 71   |
| FP2183GM  | Flat Plate        | 1   | 65   | FP4GPC          | Flat Plate        | 1   | 71   |
| FP2183PB  | Flat Plate        | 1   | 65   | FP4GPL          | Flat Plate        | 1   | 71   |
| FP2183PC  | Flat Plate        | 1   | 65   | FP4T0GBB        | Flat Plate        | 1   | 64   |
| FP2183PL  | Flat Plate        | 1   | 65   | FP4T0GBC        | Flat Plate        | 1   | 64   |
| FP2184BB  | Flat Plate        | 1   | 65   | FP4T0GGM        | Flat Plate        | 1   | 64   |
| FP2184BC  | Flat Plate        | 1   | 65   | FP4T0GPB        | Flat Plate        | 1   | 64   |
| FP2184GM  | Flat Plate        | 1   | 65   | FP4T0GPC        | Flat Plate        | 1   | 64   |
| FP2184PB  | Flat Plate        | 1   | 65   | FP4T0GPL        | Flat Plate        | 1   | 64   |
| FP2184PC  | Flat Plate        | 1   | 65   | FP5ABB          | Flat Plate        | 1   | 62   |
| FP2184PL  | Flat Plate        | 1   | 65   | FP5ABC          | Flat Plate        | 1   | 62   |
| FP2GBB    | Flat Plate        | 1   | 71   | FP5ABCG         | Flat Plate        | 1   | 62   |
| FP2GBC    | Flat Plate        | 1   | 71   | FP5ABCW         | Flat Plate        | 1   | 62   |
| FP2GGM    | Flat Plate        | 1   | 71   | FP5AGM          | Flat Plate        | 1   | 62   |
| FP2GPB    | Flat Plate        | 1   | 71   | FP5APB          | Flat Plate        | 1   | 62   |
| FP2GPC    | Flat Plate        | 1   | 71   | FP5APC          | Flat Plate        | 1   | 62   |
| FP2GPL    | Flat Plate        | 1   | 71   | FP5APCG         | Flat Plate        | 1   | 62   |
| FP2T0GBB  | Flat Plate        | 1   | 64   | FP5APCW         | Flat Plate        | 1   | 62   |
| FP2T0GBC  | Flat Plate        | 1   | 64   | FP5APLW         | Flat Plate        | 1   | 62   |
| FP2T0GGM  | Flat Plate        | 1   | 64   | FP6000BB        | Flat Plate        | 1   | 66   |
| FP2T0GPB  | Flat Plate        | 1   | 64   | FP6000BC        | Flat Plate        | 1   | 66   |
| FP2T0GPC  | Flat Plate        | 1   | 64   | FP6000GM        | Flat Plate        | 1   | 66   |
| FP2T0GPL  | Flat Plate        | 1   | 64   | FP6000PB        | Flat Plate        | 1   | 66   |
|           |                   |     |      |                 |                   |     |      |

| CodeCatalogueFP6000PLFlat PlateFP6000PLFlat PlateFP6300FBFlat PlateFP6300FBBFlat PlateFP6300FBCFlat PlateFP6300FBCFlat PlateFP6300FBCFlat PlateFP6300FPBFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300NBBFlat PlateFP6300NBBFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP7300BCFlat PlateFP7300BBFlat PlateFP7300PLFlat PlateFP7300PLFlat PlateFP7400PLFlat PlateFP7400PLFlat PlateFP8331NPGFlat PlateFP8331NPGFlat PlateFP8331NPCFlat PlateFP8331NPCFlat PlateFP8332NPGFlat PlateFP8331NPCFlat PlateFP8332NPGFlat PlateFP8331NPCFlat PlateFP8331NPCFlat PlateFP8331NPCFlat PlateFP8331NPCFlat PlateFP8331NPCFlat PlateFP8331NPCFlat PlateFP8331NPCFla   | ogue Section | Qty F      | 2aue       | Code        | Catalogue Section | Qty | Page       |
|---|--------------|------------|------------|-------------|-------------------|-----|------------|
| FP6000PLFlat PlateFP6300FBFlat PlateFP6300FBBFlat PlateFP6300FBCFlat PlateFP6300FPBFlat PlateFP6300FPDFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPLFlat PlateFP6300FPLFlat PlateFP6300FPLFlat PlateFP6300NBBFlat PlateFP6300NBCFlat PlateFP6300NPLFlat PlateFP6300NPCFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP7300BBFlat PlateFP7300PLFlat PlateFP7300PLFlat PlateFP7400BBFlat PlateFP7400PLFlat PlateFP7400PLFlat PlateFP7400PLFlat PlateFP7400PLFlat PlateFP8331NBCFlat PlateFP8331NBCFlat PlateFP8331NBCFlat PlateFP8331NBCFlat PlateFP8331NBCFlat PlateFP8332NBBFlat PlateFP8332NBBFlat PlateFP8332NBBFlat PlateFP8332NBBFlat PlateFP8341BCFlat PlateFP8341BBFlat PlateFP8341FBCFlat PlateFP8341FBCFlat PlateFP8341FBCFlat PlateFP8341FPCFlat PlateFP8341FPC   |              | uty r<br>1 | Page<br>66 | FP8341NPC   | Flat Plate        | u   | Page<br>67 |
| FP6300BCFlat PlateFP6300FBBFlat PlateFP6300FBCFlat PlateFP6300FBCFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPLFlat PlateFP6300FPLFlat PlateFP6300FPLFlat PlateFP6300NBBFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300PLFlat PlateFP6300PLFlat PlateFP7300BEFlat PlateFP7300BCFlat PlateFP7300PLFlat PlateFP7300PLFlat PlateFP7400BBFlat PlateFP7400PLFlat PlateFP7400PLFlat PlateFP8331NBBFlat PlateFP8331NBBFlat PlateFP8331NBBFlat PlateFP8331NBCFlat PlateFP8331NBCFlat PlateFP8331NBCFlat PlateFP8332NBCFlat PlateFP8332NBBFlat PlateFP8332NBBFlat PlateFP8332NBCFlat PlateFP8332NBCFlat PlateFP8341BCFlat PlateFP8341FBCFlat PlateFP8341FBCFlat PlateFP8341FPCFlat PlateFP8341FPCFlat PlateFP8341FPC <td< td=""><td></td><td>1</td><td>66</td><td>FP8341NPL</td><td>Flat Plate</td><td>1</td><td>67</td></td<>  |              | 1          | 66         | FP8341NPL   | Flat Plate        | 1   | 67         |
| FP6300FBBFlat PlateFP6300FBCFlat PlateFP6300FGMFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPLFlat PlateFP6300FPLFlat PlateFP6300FPLFlat PlateFP6300MFlat PlateFP6300MBBFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NPLFlat PlateFP6300NPBFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300PBFlat PlateFP6300PCFlat PlateFP7300BCFlat PlateFP7300BCFlat PlateFP7300PLFlat PlateFP7300PLFlat PlateFP7400BBFlat PlateFP7400BCFlat PlateFP7400PLFlat PlateFP7400PLFlat PlateFP8331NBBFlat PlateFP8331NBBFlat PlateFP8331NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8341FBCFlat PlateFP8341FBCFlat PlateFP8341FPCFlat PlateFP8341FPC   |              | 1          | 66         | FP8341PB    | Flat Plate        | 1   | 67         |
| FP6300FBCFlat PlateFP6300FGMFlat PlateFP6300FPBFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPLFlat PlateFP6300NBBFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NPDFlat PlateFP6300NPDFlat PlateFP6300NPCFlat PlateFP6300PCFlat PlateFP6300PCFlat PlateFP6300PCFlat PlateFP7300BCFlat PlateFP7300BCFlat PlateFP7300PLFlat PlateFP7300PLFlat PlateFP7400BSFlat PlateFP7400BCFlat PlateFP7400BCFlat PlateFP7400BCFlat PlateFP8331NBBFlat PlateFP8331NBBFlat PlateFP8331NPCFlat PlateFP8332NBSFlat PlateFP8332NBCFlat PlateFP8332NBCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPSFlat PlateFP8332NPSFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8341FBCFlat PlateFP8341FBCFlat PlateFP8341FPCFlat PlateFP8341FPCFlat PlateFP8341FPC <td< td=""><td></td><td>1</td><td></td><td>FP8341PB</td><td>Flat Plate</td><td>1</td><td></td></td<>   |              | 1          |            | FP8341PB    | Flat Plate        | 1   |            |
| FP6300FGMFlat PlateFP6300FPBFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300NBBFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300PLFlat PlateFP6300PLFlat PlateFP7300BCFlat PlateFP7300BCFlat PlateFP7300PLFlat PlateFP7300PLFlat PlateFP7300PLFlat PlateFP7400BSFlat PlateFP7400BCFlat PlateFP7400BCFlat PlateFP7400BSFlat PlateFP7400BSFlat PlateFP8331NBCFlat PlateFP8331NBCFlat PlateFP8331NBCFlat PlateFP8331NPCFlat PlateFP8332NPBFlat PlateFP8332NPBFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8332NPCFlat PlateFP8341FBCFlat PlateFP8341FBCFlat PlateFP8341FPCFlat PlateFP8341FPCFlat PlateFP8341FPCFlat PlateFP8341FPCFlat PlateFP8341FPC   |              |            | 66         |             |                   | 1   | 67         |
| FP6300FPBFlat PlateFP6300FPCFlat PlateFP6300FPCFlat PlateFP6300FPLFlat PlateFP6300NBBFlat PlateFP6300NBCFlat PlateFP6300NBCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPCFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300NPLFlat PlateFP6300PLFlat PlateFP6300PLFlat PlateFP7300BCFlat PlateFP7300BCFlat PlateFP7300PLFlat PlateFP7300PLFlat PlateFP7300PLFlat PlateFP7400PLFlat PlateFP7400PLFlat PlateFP7400PLFlat PlateFP8331NBBFlat PlateFP8331NBCFlat PlateFP8331NBCFlat PlateFP8331NPLFlat PlateFP8332NPLFlat PlateFP8332NPLFlat PlateFP8332NPLFlat PlateFP8332NPLFlat PlateFP8332NPLFlat PlateFP8332NPLFlat PlateFP8332NPLFlat PlateFP8332NPLFlat PlateFP8341FBCFlat PlateFP8341FBCFlat PlateFP8341FPCFlat PlateFP8341FPCFlat PlateFP8341FPCFlat PlateFP8341FPCFlat PlateFP8341FPCFlat PlateFP8341FPC <t< td=""><td></td><td>1</td><td>66</td><td>FP8341PL</td><td>Flat Plate</td><td></td><td>67</td></t<>   |              | 1          | 66         | FP8341PL    | Flat Plate        |     | 67         |
| PF6300FPC         Flat Plate           PF6300FPL         Flat Plate           PF6300BB         Flat Plate           PF6300NBC         Flat Plate           PF6300NBC         Flat Plate           PF6300NBC         Flat Plate           PF6300NPB         Flat Plate           PF6300NPC         Flat Plate           PF6300NPC         Flat Plate           PF6300NPC         Flat Plate           PF6300NPC         Flat Plate           PF6300NPL         Flat Plate           PF7300B         Flat Plate           PF7300B         Flat Plate           PF7300PL         Flat Plate           PF7400BE         Flat Plate           PF7400BE         Flat Plate           PF7400PL         Flat Plate           PF7400PL         Flat Plate           PF8331NBE         Flat Plate           PF8331NBE         Flat Plate           PF8331NPL         Flat Plate           PF8331NPL         Flat Plate           PF8332NPL         Flat Pla   |              | 1          | 66         | FP8350BB    | Flat Plate        | 1   | 70         |
| P6300FPLFlat PlateP6300GMFlat PlateP6300NBBFlat PlateP6300NBCFlat PlateP6300NBCFlat PlateP6300NPBFlat PlateP6300NPCFlat PlateP6300NPCFlat PlateP6300NPCFlat PlateP6300NPCFlat PlateP6300NPCFlat PlateP6300NPCFlat PlateP6300NPCFlat PlateP6300NPCFlat PlateP6300NPCFlat PlateP7300BBFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300PLFlat PlateP7300PLFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8332NBBFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8341BBFlat PlateP8341FBCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat Plate  |              | 1          | 66         | FP8350BC    | Flat Plate        | 1   | 70         |
| P6300GM         Flat Plate           PF6300NBB         Flat Plate           PF6300NBC         Flat Plate           PF6300NPB         Flat Plate           PF6300NPC         Flat Plate           PF6300NPC         Flat Plate           PF6300NPC         Flat Plate           PF6300NPL         Flat Plate           PF730DBL         Flat Plate           P7300BC         Flat Plate           P7300DE         Flat Plate           P7300PL         Flat Plate           P7300PL         Flat Plate           P7400BB         Flat Plate           P7400BC         Flat Plate           P7400BC         Flat Plate           P7400PL         Flat Plate           P7400PL         Flat Plate           P8331NBB         Flat Plate           P8331NPL         Flat Plate           P8331NPL         Flat Plate           P8332NPB         Flat Plate           P8332NPB         Flat Plate <td></td> <td>1</td> <td>66</td> <td>FP8350GM</td> <td>Flat Plate</td> <td>1</td> <td>70</td> |              | 1          | 66         | FP8350GM    | Flat Plate        | 1   | 70         |
| PF6300NBBFlat PlatePF6300NBCFlat PlatePF6300NPCFlat PlatePF6300NPCFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF7300BBFlat PlatePF7300CFlat PlatePF7300PLFlat PlatePF7300PLFlat PlatePF7400BBFlat PlatePF7400PLFlat PlatePF7400PLFlat PlatePF7400PLFlat PlatePF8331NBBFlat PlatePF8331NBBFlat PlatePF8331NPBFlat PlatePF8332NPCFlat PlatePF8332NPCFlat PlatePF8332NPCFlat PlatePF8332NPCFlat PlatePF8332NPCFlat PlatePF8332NPCFlat PlatePF8332NPCFlat PlatePF8332NPCFlat PlatePF8332NPCFlat PlatePF8341FBSFlat PlatePF8341FBCFlat PlatePF8341FBCFlat PlatePF8341FBCFlat PlatePF8341FPCFlat PlatePF8341FPCFlat PlatePF8341FPCFlat PlatePF8341FPSFlat PlatePF8341FPCFlat PlatePF8341FPCFlat PlatePF8341FPSFlat PlatePF8341FPS<   |              | 1          | 66         | FP8350PB    | Flat Plate        | 1   | 70         |
| PF6300NBCFlat PlatePF6300NCMFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300NPLFlat PlatePF6300PCFlat PlatePF6300PCFlat PlatePF6300PCFlat PlatePF6300PLFlat PlatePF7300BBFlat PlatePF7300BCFlat PlatePF7300PLFlat PlatePF7300PLFlat PlatePF7300PLFlat PlatePF7300PLFlat PlatePF7400BBFlat PlatePF7400BBFlat PlatePF7400PLFlat PlatePF7400PLFlat PlatePF8331NBBFlat PlatePF8331NBCFlat PlatePF8331NPCFlat PlatePF8332NBCFlat PlatePF8341BCFlat PlatePF8341BCFlat PlatePF8341BCFlat PlatePF8341FBCFlat PlatePF8341FBCFlat PlatePF8341FBCFlat PlatePF8341FPCFlat PlatePF8341FPCFlat PlatePF8341FPCFlat PlatePF8341FPCFlat PlatePF8341FPCFlat PlatePF8341FPCFlat  |              | 1          | 66         | FP8350PC    | Flat Plate        | 1   | 70         |
| P6300NGMFlat PlateP6300NPBFlat PlateP6300NPLFlat PlateP6300NPLFlat PlateP6300NPLFlat PlateP6300PBFlat PlateP6300PLFlat PlateP6300PLFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300PLFlat PlateP7300PBFlat PlateP7300PCFlat PlateP7300PLFlat PlateP7300PLFlat PlateP7300PLFlat PlateP7400BBFlat PlateP7400BBFlat PlateP7400BBFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBBFlat PlateP8331NBBFlat PlateP8331NPCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NPCFlat PlateP8332NPCFlat PlateP8332NPCFlat PlateP8332NPCFlat PlateP8341BCFlat PlateP8341BCFlat PlateP8341FBCFlat PlateP8341FBCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat P  |              | 1          | 66         | FP8350PL    | Flat Plate        | 1   | 70         |
| P6300NPBFlat PlateP6300NPCFlat PlateP6300NPLFlat PlateP6300PBFlat PlateP6300PCFlat PlateP6300PLFlat PlateP7300BBFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300PBFlat PlateP7300PCFlat PlateP7300PCFlat PlateP7400BBFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400PLFlat PlateP7400PCFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPCFlat PlateP8332NBBFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBBFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8341FBFlat PlateP8341FBCFlat PlateP8341FBCFlat PlateP8341FBCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat Plate  |              | 1          | 66         | FP8360BB    | Flat Plate        | 1   | 70         |
| P6300NPCFlat PlateP6300NPLFlat PlateP6300PBFlat PlateP6300PCFlat PlateP6300PLFlat PlateP7300BFlat PlateP7300BCFlat PlateP7300PLFlat PlateP7300PCFlat PlateP7300PBFlat PlateP7300PCFlat PlateP7300PLFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPLFlat PlateP8332NPEFlat PlateP8341BFBFlat PlateP8341FBEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat Plate  |              | 1          | 66         | FP8360BC    | Flat Plate        | 1   | 70         |
| P6300NPLFlat PlateP6300PBFlat PlateP6300PCFlat PlateP6300PLFlat PlateP7300BBFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300PLFlat PlateP7300PCFlat PlateP7300PLFlat PlateP7400BBFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400PLFlat PlateP7400PBFlat PlateP7400PCFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPCFlat PlateP8331NPCFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8332NPCFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8341BBFlat PlateP8341BBFlat PlateP8341FBFlat PlateP8341FBFlat PlateP8341FBFlat PlateP8341FPCFlat PlateP8341FPBFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat Plate   |              | 1          | 66         | FP8360GM    | Flat Plate        | 1   | 70         |
| P6300PBFlat PlateP6300PCFlat PlateP6300PLFlat PlateP7300BBFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300PBFlat PlateP7300PLFlat PlateP7300PLFlat PlateP7300PLFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPLFlat PlateP8331NPLFlat PlateP8332NBBFlat PlateP8332NBCFlat PlateP8332NPCFlat PlateP8332NPCFlat PlateP8332NPCFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8341BBFlat PlateP8341BCFlat PlateP8341FBCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPBFlat PlateP8341FPBFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat PlateP8341FPCFlat Plate   |              | 1          | 66         | FP8360PB    | Flat Plate        | 1   | 70         |
| P6300PCFlat PlateP7300BLFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300BCFlat PlateP7300PCFlat PlateP7300PCFlat PlateP7300PCFlat PlateP7300PCFlat PlateP7300PCFlat PlateP7400BBFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPLFlat PlateP8331NPLFlat PlateP8332NPEFlat PlateP8332NPEFlat PlateP8332NPEFlat PlateP8332NPEFlat PlateP8332NPEFlat PlateP8332NPEFlat PlateP8332NPEFlat PlateP8332NPEFlat PlateP8341BEFlat PlateP8341BEFlat PlateP8341FBEFlat PlateP8341FPEFlat Pl  |              | 1          | 66         | FP8360PC    | Flat Plate        | 1   | 70         |
| P6300PL         Flat Plate           P7300BB         Flat Plate           P7300BC         Flat Plate           P7300BC         Flat Plate           P7300PB         Flat Plate           P7300PC         Flat Plate           P7300PL         Flat Plate           P7300PL         Flat Plate           P7300PL         Flat Plate           P7400BC         Flat Plate           P7400BC         Flat Plate           P7400BC         Flat Plate           P7400PL         Flat Plate           P7400PL         Flat Plate           P7400PL         Flat Plate           P7400PL         Flat Plate           P831NBB         Flat Plate           P8331NBC         Flat Plate           P8331NPL         Flat Plate           P8332NPL         Flat Plate  |              | 1          | 66         | FP8360PL    | Flat Plate        | 1   | 70         |
| P7300BBFlat PlateP7300BCFlat PlateP7300PBFlat PlateP7300PCFlat PlateP7300PLFlat PlateP7300PLFlat PlateP7300PLFlat PlateP7400BBFlat PlateP7400BCFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8332NPCFlat PlateP8332NPCFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8341BBFlat PlateP8341BCFlat PlateP8341FBCFlat PlateP8341FPCFlat PlateP8341FPCFlat Plate   |              | 1          | 66         | FP8900BB    | Flat Plate        | 1   | 61         |
| P7300BCFlat PlateP7300GMFlat PlateP7300PBFlat PlateP7300PCFlat PlateP7300PLFlat PlateP7400BGFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NPCFlat PlateP8331NPLFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8332NPCFlat PlateP8341BBFlat PlateP8341BBFlat PlateP8341FBCFlat PlateP8341FPCFlat PlateP8341FPCFlat Plate   |              | 1          | 66         | FP8900BC    | Flat Plate        | 1   | 61         |
| P7300GM         Flat Plate           P7300PB         Flat Plate           P7300PL         Flat Plate           P7300PL         Flat Plate           P7300PL         Flat Plate           P7400BB         Flat Plate           P7400BC         Flat Plate           P7400PC         Flat Plate           P7400PL         Flat Plate           P7400PL         Flat Plate           P8331NBB         Flat Plate           P8331NBC         Flat Plate           P8331NPC         Flat Plate           P8331NPC         Flat Plate           P8331NPC         Flat Plate           P8331NPC         Flat Plate           P8332NBC         Flat Plate           P8332NBC         Flat Plate           P8332NBC         Flat Plate           P8332NPL         Flat Plate   |              | 1          | 69         | FP8900BCG   | Flat Plate        | 1   | 61         |
| P7300PBFlat PlateP7300PCFlat PlateP7300PLFlat PlateP7400BBFlat PlateP7400BCFlat PlateP7400PBFlat PlateP7400PCFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NPLFlat PlateP8331NPLFlat PlateP8331NPLFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8341BBFlat PlateP8341FBCFlat PlateP8341FPCFlat PlateP8341FPCFlat Plate  |              | 1          | 69         | FP8900BCW   | Flat Plate        | 1   | 61         |
| P7300PCFlat PlateP7300PLFlat PlateP7400BBFlat PlateP7400BCFlat PlateP7400PGFlat PlateP7400PBFlat PlateP7400PCFlat PlateP7400PCFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPLFlat PlateP8331NPLFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8341BCFlat PlateP8341FDCFlat PlateP8341FPCFlat PlateP8341FPCFlat Plate   | 'late        | 1          | 69         | FP8900GM    | Flat Plate        | 1   | 61         |
| P7300PLFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400BCFlat PlateP7400PBFlat PlateP7400PCFlat PlateP7400PLFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPLFlat PlateP8331NPLFlat PlateP8331NPLFlat PlateP8332NBEFlat PlateP8332NBEFlat PlateP8332NBEFlat PlateP8332NBEFlat PlateP8332NBEFlat PlateP8332NPLFlat PlateP8332NPEFlat PlateP8332NPEFlat PlateP8341BEFlat PlateP8341BEFlat PlateP8341FBEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat PlateP8341FPEFlat Plate   | 'late        | 1          | 69         | FP8900PB    | Flat Plate        | 1   | 61         |
| P7400BBFlat PlateP7400BCFlat PlateP7400GMFlat PlateP7400PBFlat PlateP7400PCFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPBFlat PlateP8331NPCFlat PlateP8331NPLFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8341BCFlat PlateP8341BCFlat PlateP8341FBCFlat PlateP8341FPCFlat PlateP8341FPBFlat PlateP8341FPCFlat Plate   | late         | 1          | 69         | FP8900PC    | Flat Plate        | 1   | 6:         |
| P7400BCFlat PlateP7400GMFlat PlateP7400PBFlat PlateP7400PCFlat PlateP7400PLFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPBFlat PlateP8331NPCFlat PlateP8331NPCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NPCFlat PlateP8332NPCFlat PlateP8332NPCFlat PlateP8341BCFlat PlateP8341BCFlat PlateP8341FBCFlat PlateP8341FBCFlat PlateP8341FPBFlat PlateP8341FPBFlat PlateP8341FPBFlat PlateP8341FPCFlat Plate   | late         | 1          | 69         | FP8900PCG   | Flat Plate        | 1   | 6:         |
| P7400GMFlat PlateP7400PBFlat PlateP7400PCFlat PlateP7400PLFlat PlateP7400PLFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NPBFlat PlateP8331NPBFlat PlateP8331NPCFlat PlateP8331NPLFlat PlateP8332NBBFlat PlateP8332NBBFlat PlateP8332NBCFlat PlateP8332NBBFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8332NPBFlat PlateP8332NPCFlat PlateP8341BBFlat PlateP8341FBCFlat PlateP8341FPBFlat PlateP8341FPBFlat PlateP8341FPBFlat PlateP8341FPBFlat PlateP8341FPBFlat PlateP8341FPBFlat PlateP8341FPCFlat Plate  | 'late        | 1          | 69         | FP8900PCW   | Flat Plate        | 1   | 61         |
| P7400PBFlat PlateP7400PCFlat PlateP7400PLFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPBFlat PlateP8331NPCFlat PlateP8331NPCFlat PlateP8331NPLFlat PlateP8332NBEFlat PlateP8332NBEFlat PlateP8332NBEFlat PlateP8332NBEFlat PlateP8332NBCFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8341BBFlat PlateP8341FBBFlat PlateP8341FPBFlat PlateP8341FPCFlat Plate  | 'late        | 1          | 69         | FP8900PLW   | Flat Plate        | 1   | 61         |
| P7400PCFlat PlateP7400PLFlat PlateP8331NBBFlat PlateP8331NBCFlat PlateP8331NBCFlat PlateP8331NPBFlat PlateP8331NPCFlat PlateP8331NPLFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NBCFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8332NPLFlat PlateP8341BCFlat PlateP8341FBLFlat PlateP8341FBCFlat PlateP8341FPCFlat Plate   | 'late        | 1          | 69         | FPQUADBB    | Flat Plate        | 1   | 60         |
| P7400PL     Flat Plate       P8331NBB     Flat Plate       P8331NBC     Flat Plate       P8331NPB     Flat Plate       P8331NPB     Flat Plate       P8331NPL     Flat Plate       P8332NBL     Flat Plate       P8332NBC     Flat Plate       P8332NPL     Flat Plate       P8341BC     Flat Plate       P8341FDE     Flat Plate       P8341FPC     Flat Plate       P8341FPC     Flat Plate   | 'late        | 1          | 69         | FPQUADBC    | Flat Plate        | 1   | 60         |
| P8331NBB     Flat Plate       P8331NBC     Flat Plate       P8331NGM     Flat Plate       P8331NPC     Flat Plate       P8331NPC     Flat Plate       P8331NPC     Flat Plate       P8331NPC     Flat Plate       P8332NBB     Flat Plate       P8332NBC     Flat Plate       P8332NBC     Flat Plate       P8332NBC     Flat Plate       P8332NPC     Flat Plate       P8332NPL     Flat Plate       P8341BC     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate  | 'late        | 1          | 69         | FPQUADBCG   | Flat Plate        | 1   | 60         |
| P8331NBC     Flat Plate       P8331NGM     Flat Plate       P8331NPL     Flat Plate       P8331NPL     Flat Plate       P8331NPL     Flat Plate       P8331NPL     Flat Plate       P8332NBB     Flat Plate       P8332NBC     Flat Plate       P8332NPL     Flat Plate       P8341BC     Flat Plate       P8341FDC     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate  | 'late        | 1          | 69         | FPQUADBCW   | Flat Plate        | 1   | 60         |
| P8331NGM     Flat Plate       P8331NPB     Flat Plate       P8331NPC     Flat Plate       P8332NBE     Flat Plate       P8332NBE     Flat Plate       P8332NBE     Flat Plate       P8332NBC     Flat Plate       P8332NBC     Flat Plate       P8332NBE     Flat Plate       P8332NBE     Flat Plate       P8332NPE     Flat Plate       P8332NPE     Flat Plate       P8332NPE     Flat Plate       P8341BE     Flat Plate       P8341FBE     Flat Plate       P8341FPE     Flat Plate  | 'late        | 1          | 68         | FPQUADGM    | Flat Plate        | 1   | 60         |
| P8331NPB     Flat Plate       P8331NPC     Flat Plate       P8332NBE     Flat Plate       P8332NBC     Flat Plate       P8332NPB     Flat Plate       P8332NPC     Flat Plate       P8332NPL     Flat Plate       P8341BB     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FPB     Flat Plate       P8341FPB     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate  | 'late        | 1          | 68         | FPQUADPB    | Flat Plate        | 1   | 60         |
| P8331NPC     Flat Plate       P8331NPL     Flat Plate       P8332NBB     Flat Plate       P8332NBC     Flat Plate       P8332NPC     Flat Plate       P8332NPC     Flat Plate       P8332NPC     Flat Plate       P8332NPC     Flat Plate       P8341BB     Flat Plate       P8341FBC     Flat Plate       P8341FGM     Flat Plate       P8341FPC     Flat Plate       P8341FPC     Flat Plate       P8341FPC     Flat Plate       P8341FPC     Flat Plate  | late         | 1          | 68         | FPQUADPC    | Flat Plate        | 1   | 60         |
| P8331NPL     Flat Plate       P8332NBB     Flat Plate       P8332NBC     Flat Plate       P8332NPB     Flat Plate       P8332NPC     Flat Plate       P8332NPL     Flat Plate       P8332NPL     Flat Plate       P8341BB     Flat Plate       P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FFC     Flat Plate       P8341FPC     Flat Plate  | late         | 1          | 68         | FPQUADPCG   | Flat Plate        | 1   | 60         |
| P8332NBB     Flat Plate       P8332NBC     Flat Plate       P8332NGM     Flat Plate       P8332NPE     Flat Plate       P8332NPC     Flat Plate       P8332NPL     Flat Plate       P8341BB     Flat Plate       P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FGM     Flat Plate       P8341FPB     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate  | late         | 1          | 68         | FPQUADPCW   | Flat Plate        | 1   | 60         |
| P8332NBC     Flat Plate       P8332NGM     Flat Plate       P8332NPB     Flat Plate       P8332NPC     Flat Plate       P8332NPL     Flat Plate       P8341BB     Flat Plate       P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FPB     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate  | late         | 1          | 68         | FPQUADPLW   | Flat Plate        | 1   | 60         |
| P8332NGM     Flat Plate       P8332NPB     Flat Plate       P8332NPC     Flat Plate       P8332NPL     Flat Plate       P8341BB     Flat Plate       P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FPB     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate  | late         | 1          | 68         | FPR7000BB   | Flat Plate        | 1   | 56         |
| P8332NPB     Flat Plate       P8332NPC     Flat Plate       P8332NPL     Flat Plate       P8341BB     Flat Plate       P8341BC     Flat Plate       P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FPB     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate   | late         | 1          | 68         | FPR7000BC   | Flat Plate        | 1   | 56         |
| P8332NPC     Flat Plate       P8332NPL     Flat Plate       P8341BB     Flat Plate       P8341FB     Flat Plate       P8341FBC     Flat Plate       P8341FPB     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate   | late         | 1          | 68         | FPR7000BCG  | Flat Plate        | 1   | 56         |
| P8332NPL     Flat Plate       P8341BB     Flat Plate       P8341BC     Flat Plate       P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FBC     Flat Plate       P8341FGM     Flat Plate       P8341FFB     Flat Plate       P8341FFB     Flat Plate       P8341FPC     Flat Plate   | late         | 1          | 68         | FPR7000BCW  | Flat Plate        | 1   | 56         |
| P8341BB     Flat Plate       P8341BC     Flat Plate       P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FGM     Flat Plate       P8341FGM     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate   | late         | 1          | 68         | FPR7000GM   | Flat Plate        | 1   | 56         |
| P8341BC     Flat Plate       P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FGC     Flat Plate       P8341FGM     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate  | late         | 1          | 68         | FPR7000PB   | Flat Plate        | 1   | 56         |
| P8341BC     Flat Plate       P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FGC     Flat Plate       P8341FGM     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate  | late         | 1          | 67         | FPR7000PC   | Flat Plate        | 1   | 56         |
| P8341FBB     Flat Plate       P8341FBC     Flat Plate       P8341FGM     Flat Plate       P8341FPB     Flat Plate       P8341FPB     Flat Plate       P8341FPC     Flat Plate   | late         | 1          | 67         | FPR7000PCG  | Flat Plate        | 1   | 56         |
| P8341FBC Flat Plate<br>P8341FGM Flat Plate<br>P8341FPB Flat Plate<br>P8341FPC Flat Plate  | late         | 1          | 67         | FPR7000PCW  | Flat Plate        | 1   | 56         |
| P8341FGM Flat Plate<br>P8341FPB Flat Plate<br>P8341FPC Flat Plate   |              | 1          | 67         | FPR7000PLW  | Flat Plate        | 1   | 56         |
| P8341FPB Flat Plate<br>P8341FPC Flat Plate  |              | 1          | 67         | FPR7UBBW    | Flat Plate        | 1   | 57         |
| P8341FPC Flat Plate   |              | 1          | 67         | FPR7UBCW    | Flat Plate        | 1   | 57         |
|   |              | 1          | 67         | FPR7UPBW    | Flat Plate        | 1   | 57         |
| I ULI I ULI   |              | 1          | 67         | FPR7UPCW    | Flat Plate        | 1   | 57         |
| P8341GM Flat Plate  |              | 1          | 67         | FPR7USB4BB  | Flat Plate        | 1   | 59         |
| P8341NBB Flat Plate   |              | 1          | 67         | FPR7USB4BB  | Flat Plate        | 1   | 59         |
| P8341NBC Flat Plate   |              | 1          | 67         | FPR7USB4BC  | Flat Plate        | 1   | 59         |
| P8341NGM Flat Plate   |              | 1          | 67         | FPR7USB4BC0 | Flat Plate        | 1   | 59         |
| P8341NPB Flat Plate   |              | 1          | 67         | FPR7USB46CW | Flat Plate        | 1   | 5          |

Qty Page 

1 

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| Code        | Catalogue Section | Qty | Page     | Code                | Catalogue Section  |
|-------------|-------------------|-----|----------|---------------------|--|
| FPR7USB4PB  | Flat Plate        | 1   | 59       | FPRJ45BC            | Flat Plate   |
| FPR7USB4PC  | Flat Plate        | 1   | 59       | FPRJ45GM            | Flat Plate   |
| FPR7USB4PCG | Flat Plate        | 1   | 59       | FPRJ45PB            | Flat Plate   |
| FPR7USB4PCW | Flat Plate        | 1   | 59       | FPRJ45PC            | Flat Plate   |
| FPR7USB4PLW | Flat Plate        | 1   | 59       | FPRJ45PL            | Flat Plate   |
| FPR8333NBB  | Flat Plate        | 1   | 68       | FR1200              | Recessed, Surface & Suspen                                 |
| FPR8333NBC  | Flat Plate        | 1   | 68       | FR150               | Downlights   |
| FPR8333NBCG | Flat Plate        | 1   | 68       | FR600               | Recessed, Surface & Suspen                                 |
| FPR8333NBCW | Flat Plate        | 1   | 68       | G.                  | , ,  |
| FPR8333NGM  | Flat Plate        | 1   | 68       | Code                | Catalogue Section  |
| FPR8333NPB  | Flat Plate        | 1   | 68       | G4LED1              | Lamps & Lighting Accessorie                                |
| FPR8333NPC  | Flat Plate        | 1   | 68       | G4LED2              | Lamps & Lighting Accessorie                                |
| FPR8333NPCG | Flat Plate        | 1   | 68       | G4LED3              | Lamps & Lighting Accessorie                                |
| FPR8333NPCW | Flat Plate        | 1   | 68       | G4LED4              | Lamps & Lighting Accessorie                                |
| FPR8333NPLW | Flat Plate        | 1   | 68       | G918W               | Lamps & Lighting Accessorie                                |
| FPR9000BB   | Flat Plate        | 1   | 56       | G928W               | Lamps & Lighting Accessorie                                |
| FPR9000BC   | Flat Plate        | 1   | 56       | G942W               | Lamps & Lighting Accessorie                                |
| FPR9000BCG  | Flat Plate        | 1   | 56       | G9LED10             | Lamps & Lighting Accessorie                                |
| FPR9000BCW  | Flat Plate        | 1   | 56       | G9LED10             | Lamps & Lighting Accessorie                                |
| FPR9000GM   | Flat Plate        | 1   | 56       | G9LED11             | Lamps & Lighting Accessorie                                |
| FPR9000PB   | Flat Plate        | 1   | 56       | G9LED12             | Lamps & Lighting Accessorie                                |
| FPR9000PC   | Flat Plate        | 1   | 56       | G9LED13             | Lamps & Lighting Accessorie                                |
| FPR9000PCG  | Flat Plate        | 1   | 56       | G9LED14             | 1 5 5  |
| FPR9000PCG  | Flat Plate        | 1   | 56       | G9LED15             | Lamps & Lighting Accessorie<br>Lamps & Lighting Accessorie |
| FPR9000PLW  | Flat Plate        | 1   | 56       | G9LED0              |  |
|             | Flat Plate        | 1   | 50<br>57 |                     | Lamps & Lighting Accessorie                                |
| FPR9224BB   | Flat Plate        | 1   | 57<br>57 | G9LED8              | Lamps & Lighting Accessorie                                |
| FPR9224BC   | Flat Plate        | 1   | 57<br>57 | G9LED9              | Lamps & Lighting Accessorie                                |
| FPR9224BCG  |                   | 1   | 57<br>57 | GBD4ESC<br>GBD4SESC | Lamps & Lighting Accessorie                                |
| FPR9224BCW  | Flat Plate        | -   | •.       | 000.0000            | Lamps & Lighting Accessorie                                |
| FPR9224GM   | Flat Plate        | 1   | 57       | GDBOILBC            | Flat Plate   |
| FPR9224PB   | Flat Plate        | 1   | 57       | GDBOILMB            | Screwless  |
| FPR9224PC   | Flat Plate        | 1   | 57       | GDBOILMW            | Screwless  |
| FPR9224PCG  | Flat Plate        | 1   | 57       | GDBOILPC            | Flat Plate   |
| FPR9224PCW  | Flat Plate        | 1   | 57       | GDBOILU             | Metal Clad   |
| FPR9224PLW  | Flat Plate        | 1   | 57       | GDCL12BC            | Raised Edge - Rounded                                      |
| FPR9901BB   | Flat Plate        | 1   | 58       | GDCL12PC            | Raised Edge - Rounded                                      |
| FPR9901BC   | Flat Plate        | 1   | 58       | GDCL1BC             | Raised Edge - Rounded                                      |
| FPR9901BCG  | Flat Plate        | 1   | 58       | GDCL1PC             | Raised Edge - Rounded                                      |
| FPR9901BCW  | Flat Plate        | 1   | 58       | GDCL2BC             | Raised Edge - Rounded                                      |
| FPR9901GM   | Flat Plate        | 1   | 58       | GDCL2PC             | Raised Edge - Rounded                                      |
| FPR9901PB   | Flat Plate        | 1   | 58       | GDCL3BC             | Raised Edge - Rounded                                      |
| FPR9901PC   | Flat Plate        | 1   | 58       | GDCL3PC             | Raised Edge - Rounded                                      |
| FPR9901PCG  | Flat Plate        | 1   | 58       | GDCL4BC             | Raised Edge - Rounded                                      |
| FPR9901PCW  | Flat Plate        | 1   | 58       | GDCL4PC             | Raised Edge - Rounded                                      |
| FPR9901PLW  | Flat Plate        | 1   | 58       | GDCL6BC             | Raised Edge - Rounded                                      |
| FPR9904NBC  | Flat Plate        | 1   | 58       | GDCL6PC             | Raised Edge - Rounded                                      |
| FPR9904NBCG | Flat Plate        | 1   | 58       | GDCL8BC             | Raised Edge - Rounded                                      |
| FPR9904NBCW | Flat Plate        | 1   | 58       | GDCL8PC             | Raised Edge - Rounded                                      |
| FPR9905BC   | Flat Plate        | 1   | 60       | GDCL9BC             | Raised Edge - Rounded                                      |
| FPR9905BCG  | Flat Plate        | 1   | 60       | GDCL9PC             | Raised Edge - Rounded                                      |
| FPR9905BCW  | Flat Plate        | 1   | 60       | GDCOOKBC            | Flat Plate   |
| FPR9UBBW    | Flat Plate        | 1   | 57       | GDCOOKMB            | Screwless  |
| FPR9UBCW    | Flat Plate        | 1   | 57       | GDCOOKMW            | Screwless  |
| FPR9UPBW    | Flat Plate        | 1   | 57       | GDCOOKPC            | Flat Plate   |
| FPR9UPCW    | Flat Plate        | 1   | 57       | GDCOOKU             | Metal Clad   |
|             |                   |     |          |                     |  |

| G.        |                       |     |      | G.                   |                         |     |      |
|-----------|-----------------------|-----|------|----------------------|-------------------------|-----|------|
| Code      | Catalogue Section     | Qty | Page | Code                 | Catalogue Section       | Qty | Page |
| GDCS1BC   | Raised Edge - Square  | 1   | 49   | GDHOBPC              | Flat Plate              | 1   | 74   |
| GDCS2BC   | Raised Edge - Square  | 1   | 49   | GDHOBU               | Metal Clad              | 1   | 119  |
| GDCS3BC   | Raised Edge - Square  | 1   | 49   | GDKEY                | Moulded Curved Edge     | 1   | 20   |
| GDCS4BC   | Raised Edge - Square  | 1   | 49   | GDL1                 | Outdoor Wall Lights     | 1   | 259  |
| GDCS6BC   | Raised Edge - Square  | 1   | 49   | GDL2                 | Bollard & Post Lighting | 1   | 269  |
| GDCS8BC   | Raised Edge - Square  | 1   | 49   | GDL3                 | Bollard & Post Lighting | 1   | 269  |
| GDCS9BC   | Raised Edge - Square  | 1   | 49   | GDLMK23              | Bollard & Post Lighting | 1   | 269  |
| GDDISHBC  | Flat Plate            | 1   | 74   | GDLSPIKE2            | Bollard & Post Lighting | 1   | 269  |
| GDDISHMB  | Screwless             | 1   | 103  | GDM001BC             | Flat Plate              | 1   | 73   |
| GDDISHMW  | Screwless             | 1   | 103  | GDM001MB             | Screwless               | 1   | 103  |
| GDDISHPC  | Flat Plate            | 1   | 74   | GDM001MW             | Screwless               | 1   | 102  |
| GDDISHU   | Metal Clad            | 1   | 119  | GDM001PC             | Flat Plate              | 1   | 73   |
| GDDRYBC   | Flat Plate            | 1   | 74   | GDM001U              | Metal Clad              | 1   | 118  |
| GDDRYMB   | Screwless             | 1   | 103  | GDM002BC             | Flat Plate              | 1   | 73   |
| GDDRYMW   | Screwless             | 1   | 103  | GDM002MB             | Screwless               | 1   | 102  |
| GDDRYPC   | Flat Plate            | 1   | 74   | GDM002MW             | Screwless               | 1   | 102  |
| GDDRYU    | Metal Clad            | 1   | 119  | GDM002PC             | Flat Plate              | 1   | 73   |
| GDF001F   | Raised Edge - Rounded | 1   | 35   | GDM002U              | Metal Clad              | 1   | 118  |
| GDF002F   | Raised Edge - Rounded | 1   | 35   | GDM003BC             | Flat Plate              | 1   | 73   |
| GDFANBC   | Flat Plate            | 1   | 74   | GDM003MB             | Screwless               | 1   | 102  |
| GDFANMB   | Screwless             | 1   | 103  | GDM003MW             | Screwless               | 1   | 102  |
| GDFANMW   | Screwless             | 1   | 103  | GDM003PC             | Flat Plate              | 1   | 73   |
| GDFANPC   | Flat Plate            | 1   | 74   | GDM003U              | Metal Clad              | 1   | 118  |
| GDFANU    | Metal Clad            | 1   | 119  | GDM004BC             | Flat Plate              | 1   | 73   |
| GDFP0012M | Metal Clad            | 1   | 117  | GDM004MB             | Screwless               | 1   | 102  |
| GDFP001BC | Flat Plate            | 1   | 72   | GDM004MW             | Screwless               | 1   | 102  |
| GDFP001M  | Metal Clad            | 1   | 117  | GDM004PC             | Flat Plate              | 1   | 73   |
| GDFP001PC | Flat Plate            | 1   | 72   | GDM004U              | Metal Clad              | 1   | 118  |
| GDFP002BC | Flat Plate            | 1   | 72   | GDM005BC             | Flat Plate              | 1   | 73   |
| GDFP002M  | Metal Clad            | 1   | 117  | GDM005MB             | Screwless               | 1   | 103  |
| GDFP002PC | Flat Plate            | 1   | 72   | GDM005MW             | Screwless               | 1   | 102  |
| GDFP003BC | Flat Plate            | 1   | 72   | GDM005PC             | Flat Plate              | 1   | 73   |
| GDFP003M  | Metal Clad            | 1   | 117  | GDM005U              | Metal Clad              | 1   | 118  |
| GDFP003PC | Flat Plate            | 1   | 72   | GDM006BC             | Flat Plate              | 1   | 73   |
| GDFP004BC | Flat Plate            | 1   | 72   | GDM006MB             | Screwless               | 1   | 102  |
| GDFP004M  | Metal Clad            | 1   | 117  | GDM006MW             | Screwless               | 1   | 102  |
| GDFP004M  | Flat Plate            | 1   | 72   | GDM006PC             | Flat Plate              | 1   | 73   |
| GDFP004FC | Flat Plate            | 1   | 72   | GDM000FC             | Metal Clad              | 1   | 118  |
| GDFP006BC | Metal Clad            | 1   | 117  | GDM0080<br>GDM007BC  | Flat Plate              | 1   | 73   |
| GDFP006PC | Flat Plate            | 1   | 72   | GDM007BC             | Screwless               | 1   | 102  |
| GDFP008FC | Flat Plate            | 1   | 72   |                      | Screwless               | 1   | 102  |
|           | Metal Clad            | 1   | 117  | GDM007MW<br>GDM007PC | Flat Plate              | 1   | 73   |
| GDFP008M  |                       | 1   |      |                      |                         |     |      |
| GDFP008PC | Flat Plate            |     | 72   | GDM007U              | Metal Clad              | 1   | 118  |
| GDFP009BC | Flat Plate            | 1   | 72   | GDM008BC             | Flat Plate              | 1   | 73   |
| GDFP009M  | Metal Clad            | 1   | 117  | GDM008MB             | Screwless               | 1   | 102  |
| GDFP009PC | Flat Plate            | 1   | 72   | GDM008MW             | Screwless               | 1   | 102  |
| GDFP012BC | Flat Plate            | 1   | 72   | GDM008PC             | Flat Plate              | 1   | 73   |
| GDFP012PC | Flat Plate            | 1   | 72   | GDM008U              | Metal Clad              | 1   | 118  |
| GDFRIDBC  | Flat Plate            | 1   | 74   | GDM009BC             | Flat Plate              | 1   | 73   |
| GDFRIDMB  | Screwless             | 1   | 103  | GDM009MB             | Screwless               | 1   | 102  |
| GDFRIDMW  | Screwless             | 1   | 103  | GDM009MW             | Screwless               | 1   | 102  |
| GDFRIDPC  | Flat Plate            | 1   | 74   | GDM009PC             | Flat Plate              | 1   | 73   |
| GDFRIDU   | Metal Clad            | 1   | 119  | GDM009U              | Metal Clad              | 1   | 118  |
| GDHOBBC   | Flat Plate            | 1   | 74   | GDM010BC             | Flat Plate              | 1   | 73   |
| GDHOBMB   | Screwless             | 1   | 103  | GDM010MB             | Screwless               | 1   | 102  |
| GDHOBMW   | Screwless             | 1   | 103  | GDM010MW             | Screwless               | 1   | 102  |

| Code                | Catalogue Section        | Qty | Page      | Code                   | Catalogue Section            | Qty | Pag        |
|---------------------|--------------------------|-----|-----------|------------------------|------------------------------|-----|------------|
| GDM010PC            | Flat Plate               | 1   | 73        | GDOVENPC               | Flat Plate                   | 1   | - ray<br>7 |
| GDM010PC            | Metal Clad               | 1   | 118       | GDOVENU                | Metal Clad                   | 1   | 11         |
| SDM0100             | Flat Plate               | 1   | 74        | GDS001F                | Screwless                    | 1   | 10         |
| GDM011BC            | Screwless                | 1   | 103       | GDS001F                | Screwless                    | 1   | 10         |
| GDM011MB            | Screwless                | 1   | 103       | GDS002F<br>GDS003F     | Screwless                    | 1   | 10         |
| GDM011MW            | Flat Plate               | 1   | 74        | GDS003F<br>GDS004F     | Screwless                    | 1   | 10         |
| GDM011PC            |                          | 1   | 119       | GDS004P<br>GDSF001BC   |                              | 1   | 10         |
| GDM0110<br>GDM012BC | Metal Clad<br>Flat Plate | 1   | 74        | GDSF001BC              | Screwless<br>Screwless       | 1   | 10         |
| GDM012BC            | Screwless                | 1   | 103       | GDSF001MB              | Screwless                    | 1   | 10         |
| GDM012MB            |                          | 1   | 103       | GDSF001MW<br>GDSF001PC | Screwless                    | 1   | 10         |
|                     | Screwless<br>Flat Plate  | 1   | 103<br>74 |                        |                              | 1   | 10         |
| GDM012PC            | Metal Clad               | 1   | 119       | GDSF002BC              | Screwless                    | 1   |            |
| GDM012U             |                          | 1   | 74        | GDSF002MB              | Screwless                    | 1   | 10         |
| GDM013BC            | Flat Plate               | -   |           | GDSF002MW              | Screwless                    | -   | 10         |
| GDM013MB            | Screwless                | 1   | 103       | GDSF002PC              | Screwless                    | 1   | 10         |
| GDM013MW            | Screwless                | 1   | 103       | GDSF003BC              | Screwless                    | 1   | 10         |
| GDM013PC            | Flat Plate               | 1   | 74        | GDSF003MB              | Screwless                    | 1   | 10         |
| GDM013U             | Metal Clad               | 1   | 119       | GDSF003MW              | Screwless                    | 1   | 10         |
| GDM014MB            | Screwless                | 1   | 102       | GDSF003PC              | Screwless                    | 1   | 10         |
| GDM014MW            | Screwless                | 1   | 102       | GDSF004BC              | Screwless                    | 1   | 10         |
| GDM014PC            | Flat Plate               | 1   | 73        | GDSF004MB              | Screwless                    | 1   | 10         |
| GDM014U             | Metal Clad               | 1   | 119       | GDSF004MW              | Screwless                    | 1   | 10         |
| GDM016BC            | Flat Plate               | 1   | 74        | GDSF004PC              | Screwless                    | 1   | 10         |
| GDM016MB            | Screwless                | 1   | 103       | GDSF006BC              | Screwless                    | 1   | 10         |
| GDM016MW            | Screwless                | 1   | 103       | GDSF006MB              | Screwless                    | 1   | 10         |
| SDM016PC            | Flat Plate               | 1   | 74        | GDSF006MW              | Screwless                    | 1   | 10         |
| GDM016U             | Metal Clad               | 1   | 119       | GDSF006PC              | Screwless                    | 1   | 10         |
| GDM017              | Flat Plate               | 1   | 74        | GDSF008BC              | Screwless                    | 1   | 10         |
| GDM018              | Flat Plate               | 1   | 74        | GDSF008MB              | Screwless                    | 1   | 10         |
| GDM019              | Flat Plate               | 1   | 74        | GDSF008MW              | Screwless                    | 1   | 10         |
| GDM020BC            | Flat Plate               | 1   | 74        | GDSF008PC              | Screwless                    | 1   | 10         |
| GDM020MB            | Screwless                | 1   | 102       | GDSF009BC              | Screwless                    | 1   | 10         |
| GDM020MW            | Screwless                | 1   | 102       | GDSF009MW              | Screwless                    | 1   | 10         |
| GDM020PC            | Flat Plate               | 1   | 74        | GDSF009PC              | Screwless                    | 1   | 10         |
| SDM020U             | Metal Clad               | 1   | 118       | GDSF012BC              | Screwless                    | 1   | 10         |
| GDM021BC            | Flat Plate               | 1   | 74        | GDSF012MW              | Screwless                    | 1   | 10         |
| GDM021MB            | Screwless                | 1   | 102       | GDSF012PC              | Screwless                    | 1   | 10         |
| GDM021MW            | Screwless                | 1   | 102       | GDSG68G                | Wiring Basics                | 1   | 14         |
| GDM021PC            | Flat Plate               | 1   | 74        | GDSG68M                | Metal Clad                   | 1   | 11         |
| GDM021U             | Metal Clad               | 1   | 118       | GDSG912G               | Wiring Basics                | 1   | 14         |
| GDM022BC            | Flat Plate               | 1   | 74        | GDSG912M               | Metal Clad                   | 1   | 11         |
| DM022MB             | Screwless                | 1   | 103       | GDWASHBC               | Flat Plate                   | 1   | 7          |
| SDM022MW            | Screwless                | 1   | 103       | GDWASHMB               | Screwless                    | 1   | 10         |
| DM022PC             | Flat Plate               | 1   | 74        | GDWASHMW               | Screwless                    | 1   | 10         |
| 5DM022U             | Metal Clad               | 1   | 119       | GDWASHPC               | Flat Plate                   | 1   | 7          |
| DM200MB             | Screwless                | 1   | 102       | GDWASHU                | Metal Clad                   | 1   | 1:         |
| DM200MW             | Screwless                | 1   | 102       | GLSD8BCC               | Lamps & Lighting Accessories | 1   | 37         |
| DM200PC             | Flat Plate               | 1   | 73        | GLSD8ESC               | Lamps & Lighting Accessories | 1   | 37         |
| 5DM200U             | Metal Clad               | 1   | 119       | GROUND2                | Outdoor Wall Lights          | 1   | 2/         |
| DMICROBC            | Flat Plate               | 1   | 74        | GSE225                 | Wiring Basics                | 5   | 1/         |
| DMICROMB            | Screwless                | 1   | 103       | GSE25                  | Wiring Basics                | 10  | 14         |
| DMICROMW            | Screwless                | 1   | 103       | GSK16                  | Wiring Basics                | 20  | 1          |
| DMICROPC            | Flat Plate               | 1   | 74        | GSK225                 | Wiring Basics                | 5   | 1          |
| DMICROU             | Metal Clad               | 1   | 119       | GSK235                 | Wiring Basics                | 5   | 1/         |
| DOVENBC             | Flat Plate               | 1   | 74        | GSK235D                | Wiring Basics                | 5   | 1/         |
|                     |                          |     |           |                        | -                            |     |            |
| GDOVENMB            | Screwless                | 1   | 103       | GSK247                 | Wiring Basics                | 5   | 14         |

| G.<br>Code         | Catalogue Section                            | Qty | Page       | HSPILOTDB5     | Wiring Basics                | 1   | 149  |
|--------------------|--|-----|------------|----------------|------------------------------|-----|------|
| GSK27              | Wiring Basics                                | 20  | 142        | Code           | Catalogue Section            | Qty | Page |
| GSK298MM           | Wiring Basics                                | 1   | 142        | ICEMC          | Downlights                   | 1   | 189  |
| GSK335             | Wiring Basics                                | 5   | 142        | IN001          | Additional Hardware          | 1   | 154  |
| GSK335D            | Wiring Basics                                | 5   | 142        | IN0010         | Additional Hardware          | 1   | 154  |
| GSK35              | Wiring Basics                                | 10  | 142        | IN0011         | Additional Hardware          | 1   | 154  |
| GSK47              | Wiring Basics                                | 10  | 142        | IN0012         | Additional Hardware          | 1   | 154  |
| GU10SPIKE          | Spike Lights                                 | 1   | 264        | IN0013         | Additional Hardware          | 1   | 154  |
| GU10SPIKEBK        | Spike Lights                                 | 1   | 264        | IN0014         | Additional Hardware          | 1   | 155  |
| GU10SPIKEL         | Spike Lights                                 | 1   | 264        | IN0015         | Additional Hardware          | 1   | 155  |
| GU5LCW             | Lamps & Lighting Accessories                 | 20  | 369        | IN0016         | Additional Hardware          | 1   | 155  |
| GU5LDCW            | Lamps & Lighting Accessories                 | 20  | 369        | IN0017         | Additional Hardware          | 1   | 155  |
| GU5LDDL            | Lamps & Lighting Accessories                 | 20  | 369        | IN0018         | Additional Hardware          | 1   | 155  |
| GU5LDL             | Lamps & Lighting Accessories                 | 20  | 369        | IN0019         | Additional Hardware          | 1   | 155  |
| GU5LDWW            | Lamps & Lighting Accessories                 | 20  | 369        | IN002          | Additional Hardware          | 1   | 154  |
| GU5LWW             | Lamps & Lighting Accessories                 | 20  | 369        | IN0020         | Additional Hardware          | 1   | 155  |
| GUC5CW             | Lamps & Lighting Accessories                 | 20  | 369        | IN0020         | Additional Hardware          | 1   | 154  |
| GUC5DCW            | Lamps & Lighting Accessories                 | 20  | 369        | IN0022         | Additional Hardware          | 1   | 154  |
| GUC5DDL            | Lamps & Lighting Accessories                 | 20  | 369        | IN0022         | Additional Hardware          | 1   | 154  |
| GUC5DL             | Lamps & Lighting Accessories                 | 20  | 369        | IN0025         | Additional Hardware          | 1   | 154  |
| GUC5DL             | Lamps & Lighting Accessories                 | 20  | 369        | IN0025         | Additional Hardware          | 1   | 155  |
| GUC5DWW            |  | 20  | 369        | IN0028         | Additional Hardware          | 1   | 155  |
| GUSPBK             | Lamps & Lighting Accessories<br>Spike Lights | 20  | 265        | IN0027         | Additional Hardware          | 1   | 155  |
| GUSPBR             | 1 0  | 1   | 265        | IN003<br>IN004 | Additional Hardware          | 1   | 154  |
|                    | Spike Lights                                 | 1   | 205<br>374 | IN004<br>IN005 | Additional Hardware          | 1   | 154  |
| GXLED3K<br>GXLED5K | Lamps & Lighting Accessories                 | 1   | 374        | IN005<br>IN006 | Additional Hardware          | 1   |      |
|                    | Lamps & Lighting Accessories                 | 1   | 3/4        |                |                              |     | 154  |
| H.                 | Catalanua Castian                            | 01. | Deser      | IN007          | Additional Hardware          | 1   | 154  |
| Code               | Catalogue Section                            | Qty | Page       | IN008          | Additional Hardware          | 1   | 154  |
| HBLU1              | High Bay / Low Bay                           | 1   | 345        | IN009          | Additional Hardware          | 1   | 154  |
| HBLU2              | High Bay / Low Bay                           | 1   | 345        | IP3G           | Weatherproof                 | 1   | 135  |
| HBN150             | High Bay / Low Bay                           | 1   | 344        | IP5G           | Weatherproof                 | 1   | 135  |
| HBN200             | High Bay / Low Bay                           | 1   | 344        | IP663G         | Weatherproof                 | 1   | 135  |
| HBNR1              | High Bay / Low Bay                           | 1   | 345        | IP665G         | Weatherproof                 | 1   | 135  |
| HBNR2              | High Bay / Low Bay                           | 1   | 345        | IP68JBS        | Lamps & Lighting Accessories | 1   | 375  |
| HBNS1              | High Bay / Low Bay                           | 1   | 345        | IP9000R        | Weatherproof                 | 1   | 135  |
| HCBC               | Downlights                                   | 1   | 176        | IPRCD          | Weatherproof                 | 1   | 135  |
| HCC                | Downlights                                   | 1   | 176        | IPREMOTE       | Weatherproof                 | 1   | 135  |
| HCW                | Downlights                                   | 1   | 176        | J.             |                              |     |      |
| HEOD1309BK         | Heating                                      | 1   | 279        | Code           | Catalogue Section            | Qty | Page |
| HEOD1309W          | Heating                                      | 1   | 279        | JB0010         | Weatherproof                 | 1   | 136  |
| HE0T1300W          | Heating                                      | 1   | 279        | JB0010BK       | Weatherproof                 | 1   | 136  |
| HPLED1W            | Groundlights & Deck Lighting                 | 1   | 277        | JB0011         | Weatherproof                 | 1   | 137  |
| HS20MM             | Wiring Basics                                | 1   | 149        | JB002          | Weatherproof                 | 1   | 137  |
| HS25MM             | Wiring Basics                                | 1   | 149        | JB003          | Weatherproof                 | 1   | 137  |
| HS32MM             | Wiring Basics                                | 1   | 149        | JB004          | Weatherproof                 | 1   | 137  |
| HS38MM             | Wiring Basics                                | 1   | 149        | JB006          | Weatherproof                 | 1   | 137  |
| HS51MM             | Wiring Basics                                | 1   | 149        | JB007          | Weatherproof                 | 1   | 136  |
| HS60MM             | Wiring Basics                                | 1   | 149        | JB007BK        | Weatherproof                 | 1   | 136  |
| HS65MM             | Wiring Basics                                | 1   | 149        | JB008          | Weatherproof                 | 1   | 136  |
| HS70MM             | Wiring Basics                                | 1   | 149        | JB008BK        | Weatherproof                 | 1   | 136  |
| HS72MM             | Wiring Basics                                | 1   | 149        | JB009          | Weatherproof                 | 1   | 136  |
| HS75MM             | Wiring Basics                                | 1   | 149        | JB009BK        | Weatherproof                 | 1   | 136  |
| HS80MM             | Wiring Basics                                | 1   | 149        | JB55           | Weatherproof                 | 1   | 136  |
| HS85MM             | Wiring Basics                                | 1   | 149        | JB55BK         | Weatherproof                 | 1   | 136  |
| HS90MM             | Wiring Basics                                | 1   | 149        | K              |                              |     |      |
| HSARBORL           | Wiring Basics                                | 1   | 149        | Code           | Catalogue Section            | Qty | Page |
|                    |  | -   |            |                |                              |     |      |

| К.                |                              |     |      | L.          |                                |     |      |
|-------------------|------------------------------|-----|------|-------------|--------------------------------|-----|------|
| Code              | Catalogue Section            | Qty | Page | Code        | Catalogue Section              | Qty | Page |
| KIT16W            | Groundlights & Deck Lighting | 1   | 276  | LEDBATW44   | Battens                        | 1   | 333  |
| KIT16WW           | Groundlights & Deck Lighting | 1   | 276  | LEDBATW44EM | Battens                        | 1   | 333  |
| L.                |                              |     |      | LEDBATW50   | Battens                        | 1   | 333  |
| Code              | Catalogue Section            | Qty | Page | LEDBATW50EM | Battens                        | 1   | 333  |
| L01C              | Downlights                   | 1   | 173  | LEDDIMMER   | Under Cabinet                  | 1   | 223  |
| L01CBR            | Downlights                   | 1   | 173  | LEDDIMMERW  | Under Cabinet                  | 1   | 221  |
| LO1W              | Downlights                   | 1   | 173  | LEDF12CHS   | LED Flex                       | 1   | 231  |
| L02B1             | Downlights                   | 1   | 172  | LEDF24CCT   | LED Flex                       | 1   | 231  |
| L02BK1            | Downlights                   | 1   | 172  | LEDF24RGB   | LED Flex                       | 1   | 231  |
| L02C1             | Downlights                   | 1   | 172  | LEDF24RGBW  | LED Flex                       | 1   | 231  |
| L02CBR1           | Downlights                   | 1   | 172  | LEDFCLIP    | Under Cabinet                  | 1   | 222  |
| L02W1             | Downlights                   | 1   | 172  | LEDFCON     | Under Cabinet                  | 1   | 222  |
| L1000             | Lamps & Lighting Accessories | 50  | 372  | LEDFH24DL   | LED Flex                       | 1   | 233  |
| L110              | Lamps & Lighting Accessories | 50  | 372  | LEDFH24WW   | LED Flex                       | 1   | 233  |
| L120              | Lamps & Lighting Accessories | 50  | 372  | LEDFIPCCT   | LED Flex                       | 1   | 232  |
| L160              | Lamps & Lighting Accessories | 50  | 372  | LEDFIPDL    | LED Flex                       | 1   | 232  |
| L230              | Lamps & Lighting Accessories | 50  | 372  | LEDFIPRGB   | LED Flex                       | 1   | 232  |
| L400              | Lamps & Lighting Accessories | 50  | 372  | LEDFIPRGBW  | LED Flex                       | 1   | 232  |
| L80               | Lamps & Lighting Accessories | 50  | 372  | LEDFIPWW    | LED Flex                       | 1   | 232  |
| LANT1             | Outdoor Wall Lights          | 1   | 258  | LEDFN12B    | LED Flex                       | 1   | 230  |
| LANT1W            | Outdoor Wall Lights          | 1   | 258  | LEDFN12CW   | LED Flex                       | 1   | 230  |
| LANT2             | Outdoor Wall Lights          | 1   | 258  | LEDFN12DL   | LED Flex                       | 1   | 230  |
| LANT2W            | Outdoor Wall Lights          | 1   | 258  | LEDFN12G    | LED Flex                       | 1   | 230  |
| LANT3             | Outdoor Wall Lights          | 1   | 258  | LEDFN12R    | LED Flex                       | 1   | 230  |
| LANT3W            | Outdoor Wall Lights          | 1   | 258  | LEDFN12WW   | LED Flex                       | 1   | 230  |
| LANT4             | Outdoor Wall Lights          | 1   | 258  | LEDFN212DL  | LED Flex                       | 1   | 230  |
| LANT4W            | Outdoor Wall Lights          | 1   | 258  | LEDFN212WW  | LED Flex                       | 1   | 230  |
| LANTBK            | Outdoor Wall Lights          | 1   | 257  | LEDFN24DL   | LED Flex                       | 1   | 230  |
| LANTSS            | Outdoor Wall Lights          | 1   | 257  | LEDFN24WW   | LED Flex                       | 1   | 230  |
| LDGL5             | Groundlights & Deck Lighting | 1   | 275  | LEDFR1      | LED Flex                       | 1   | 235  |
| LDGL6             | Groundlights & Deck Lighting | 1   | 275  | LEDFR2      | LED Flex                       | 1   | 235  |
| LDGL9             | Groundlights & Deck Lighting | 1   | 275  | LEDFR3      | LED Flex                       | 1   | 235  |
| LEO4C1            | Downlights                   | 1   | 173  | LEDFR4      | LED Flex                       | 1   | 235  |
| LE04W1            | Downlights                   | 1   | 173  | LEDFR5      | LED Flex                       | 1   | 235  |
| LED100            | Under Cabinet                | 1   | 223  | LEDFR6      | LED Flex                       | 1   | 235  |
| LED100            | Under Cabinet                | 1   | 223  | LEDFR7      | LED Flex                       | 1   | 235  |
| LED1000           | Under Cabinet                | 1   | 222  | LEDFR7      | LED Flex                       | 1   | 235  |
| LED11WB           | Under Cabinet                | 1   | 222  | LEDFK0      | LED Flex                       | 1   | 233  |
| LED11WCW          | Under Cabinet                | 1   | 222  |             | LED Flex                       | 1   | 233  |
| LEDIIWWWW         |                              | 1   | 222  | LEDFS12WW   |                                | 1   |      |
|                   | Under Cabinet                |     |      | LEDFWIFI    | Smart Home                     |     | 168  |
| LED2500<br>LED3WB | Under Cabinet                | 1   | 223  | LEDGL3D     | Groundlights & Deck Lighting   | 1   | 273  |
|                   | Under Cabinet                | 1   | 222  | LEDGL3W     | Groundlights & Deck Lighting   | 1   | 273  |
| LED3WCW           | Under Cabinet                | 1   | 222  | LEDM06B     | Groundlights & Deck Lighting   | 1   | 276  |
| LED3WWW           | Under Cabinet                | 1   | 222  | LEDM06W     | Groundlights & Deck Lighting   | 1   | 276  |
| LED5WB            | Under Cabinet                | 1   | 222  | LEDM07B     | Groundlights & Deck Lighting   | 1   | 274  |
| LED5WCW           | Under Cabinet                | 1   | 222  | LEDM07W     | Groundlights & Deck Lighting   | 1   | 274  |
| LED5WWW           | Under Cabinet                | 1   | 222  | LEDM08B1    | Groundlights & Deck Lighting   | 1   | 274  |
| LED8SPLIT         | Under Cabinet                | 1   | 223  | LEDM08W1    | Groundlights & Deck Lighting   | 1   | 274  |
| LEDAD36           | Under Cabinet                | 1   | 223  | LEDPAN38    | Recessed, Surface & Suspension | 1   | 317  |
| LEDAD36W          | Under Cabinet                | 1   | 223  | LEDRACON    | Under Cabinet                  | 1   | 222  |
| LEDAMP            | LED Flex                     | 1   | 237  | LEDREC      | Under Cabinet                  | 1   | 225  |
| LEDBAT17          | Battens                      | 1   | 333  | LEDT11WCW   | Under Cabinet                  | 1   | 223  |
| LEDBAT22          | Battens                      | 1   | 333  | LEDT11WWW   | Under Cabinet                  | 1   | 223  |
| LEDBAT26          | Battens                      | 1   | 333  | LEDT3WCW    | Under Cabinet                  | 1   | 223  |
| LEDBAT9           | Battens                      | 1   | 333  | LEDT3WWW    | Under Cabinet                  | 1   | 223  |
| LEDBATW35         | Battens                      |     |      |             |                                |     |      |

| L.              |                              |        |            | м.                  |                                |        |            |
|-----------------|------------------------------|--------|------------|---------------------|--------------------------------|--------|------------|
| Code            | Catalogue Section            | Qty    | Page       | Code                | Catalogue Section              | Qty    | Page       |
| LEDT5WWW        | Under Cabinet                | 1      | 223        | MR7000U             | Metal Clad                     | 1      | 115        |
| LEDTCLIP        | Under Cabinet                | 1      | 223        | MR8333N             | Metal Clad                     | 1      | 116        |
| LEDTCON         | Under Cabinet                | 1      | 223        | MR9000              | Metal Clad                     | 1      | 115        |
| LEDTD1          | Under Cabinet                | 1      | 222        | MR9000U             | Metal Clad                     | 1      | 115        |
| LEDTD2          | Under Cabinet                | 1      | 222        | MR9124              | Metal Clad                     | 1      | 115        |
| LEDTRI          | Under Cabinet                | 1      | 225        | MR9224              | Metal Clad                     | 1      | 115        |
| LG06C           | Downlights                   | 1      | 172        | MRA436EMHF          | Recessed, Surface & Suspension | 1      | 318        |
| LG06CBR         | Downlights                   | 1      | 172        | MRA436HF            | Recessed, Surface & Suspension | 1      | 318        |
| LG06W           | Downlights                   | 1      | 172        | MRB418EMHF          | Recessed, Surface & Suspension | 1      | 318        |
| LH01            | Lamps & Lighting Accessories | 50     | 377        | MRB418HF            | Recessed, Surface & Suspension | 1      | 318        |
| LH01C           | Lamps & Lighting Accessories | 50     | 377        | MRBLED              | Recessed, Surface & Suspension | 1      | 316        |
| LH02            | Lamps & Lighting Accessories | 50     | 377        | MRBLED6             | Recessed, Surface & Suspension | 1      | 316        |
| LH03            | Lamps & Lighting Accessories | 50     | 377        | MRD255PLHF          | Recessed, Surface & Suspension | 1      | 319        |
| LH04            | Lamps & Lighting Accessories | 50     | 377        | MRE255PLHF          | Recessed, Surface & Suspension | 1      | 319        |
| LJ5002          | Wiring Basics                | 1      | 150        | MRJ45               | Metal Clad                     | 1      | 116        |
| LSC1            | Lamps & Lighting Accessories | 10     | 377        | MSENSOR             | Sensors                        | 1      | 363        |
| LSPIKEA         | Spike Lights                 | 1      | 267        | N.                  |                                | -      |            |
| LVC1            | Lamps & Lighting Accessories | 100    | 377        | Code                | Catalogue Section              | Qty    | Page       |
| LVC2            | Lamps & Lighting Accessories | 100    | 377        | NC65128HF           | Non-corrosive                  | 1      | 336        |
| LWALL1A         | Outdoor Wall Lights          | 1      | 247        | NC65135EMHF         | Non-corrosive                  | 1      | 336        |
| LWALL2A         | Outdoor Wall Lights          | 1      | 247        | NC65135HF           | Non-corrosive                  | 1      | 336        |
| LWALL3A         | Outdoor Wall Lights          | 1      | 247        | NC65228HF           | Non-corrosive                  | 1      | 336        |
| LWR2G           | Outdoor Wall Lights          | 1      | 250        | NC65235EMHF         | Non-corrosive                  | 1      | 336        |
| LWR2W           |                              | 1      | 250        | NC65235HF           | Non-corrosive                  | 1      | 336        |
| LWR2W<br>LWR4G  | Outdoor Wall Lights          | 1      | 250        | NCLB12              | Non-corrosive                  | 1      | 338        |
|                 | Outdoor Wall Lights          |        |            |                     |                                |        |            |
| LWR4W           | Outdoor Wall Lights          | 1      | 250        | NCLB14              | Non-corrosive                  | 1      | 338        |
| LWS2G<br>LWS2W  | Outdoor Wall Lights          | 1      | 250        | NCLB15              | Non-corrosive                  | 1      | 338        |
| LWS2W<br>LWS4G  | Outdoor Wall Lights          | 1      | 250        | NCLB16              | Non-corrosive<br>Non-corrosive | 1      | 338        |
|                 | Outdoor Wall Lights          | 1      | 250        | NCLB22              |                                | 1      | 338        |
| LWS4W           | Outdoor Wall Lights          | 1      | 250        | NCLB24              | Non-corrosive                  | 1      | 338        |
| M.              |                              |        |            | NCLB25              | Non-corrosive                  | 1      | 338        |
| Code            | Catalogue Section            |        | Page       | NCLB26              | Non-corrosive                  | 1      | 338        |
| M1100           | Metal Clad                   | 1      | 115        | NCLED36             | Non-corrosive                  | 1      | 342        |
| M1200           | Metal Clad                   | 1      | 115        | NCLED36EM           | Non-corrosive                  | 1      | 342        |
| M1G             | Metal Clad                   | 1      | 116        | NCLED36S            | Non-corrosive                  | 1      | 342        |
| M2000           | Metal Clad                   | 1      | 115        | NCLED48             | Non-corrosive                  | 1      | 342        |
| M2G             | Metal Clad                   | 1      | 116        | NCLED48EM           | Non-corrosive                  | 1      | 342        |
| M3000           | Metal Clad                   | 1      | 115        | NCLED48S            | Non-corrosive                  | 1      | 342        |
| M4000           | Metal Clad                   | 1      | 115        | NCLED60             | Non-corrosive                  | 1      | 342        |
| M4G             | Metal Clad                   | 1      | 116        | NCLED60S            | Non-corrosive                  | 1      | 342        |
| M6000           | Metal Clad                   | 1      | 115        | NCT5CLIP            | Non-corrosive                  | 20     | 336        |
| M6000N          | Metal Clad                   | 1      | 115        | NET13BK             | Datacomms                      | 1      | 125        |
| M6300           | Metal Clad                   | 1      | 115        | NET13GY             | Datacomms                      | 1      | 125        |
| M6300F          | Metal Clad                   | 1      | 115        | NET13WH             | Datacomms                      | 1      | 125        |
| M6300N          | Metal Clad                   | 1      | 115        | NET1GWH             | Moulded Square Edge            | 1      | 11         |
| M7300           | Metal Clad                   | 1      | 116        | NET24C5E            | Datacomms                      | 1      | 126        |
| M7400           | Metal Clad                   | 1      | 116        | NET24C6             | Datacomms                      | 1      | 126        |
| M8331N          | Metal Clad                   | 1      | 116        | NET2GWH             | Moulded Square Edge            | 1      | 11         |
| M8332N          | Metal Clad                   | 1      | 116        | NET4GWH             | Moulded Square Edge            | 1      | 11         |
| M8341           | Metal Clad                   | 1      | 115        | NET5ABK             | Datacomms                      | 1      | 125        |
| M8341N          | Metal Clad                   | 1      | 115        | NET5AGY             | Datacomms                      | 1      | 125        |
| M8500           | Metal Clad                   | 1      | 116        | NET5AWH             | Datacomms                      | 1      | 125        |
| M8600           | Metal Clad                   | 1      | 116        | NETBR1G             | Datacomms                      | 1      | 124        |
| M8700           | Metal Clad                   | 1      | 118        | NETBR1GGY           | Datacomms                      | 1      | 124        |
| 110700          | metal slau                   | -      | 770        | HEIDITTOOL          | Batacommis                     |        |            |
| M8900           | Metal Clad                   | 1      | 112        | NFTRR1GW            | Datacomms                      | 1      | 17/        |
| M8900<br>MR7000 | Metal Clad<br>Metal Clad     | 1<br>1 | 118<br>115 | NETBR1GW<br>NETBR2G | Datacomms<br>Datacomms         | 1<br>1 | 124<br>124 |

| Code                 | Catalogue Section | Qty | Page | N.<br>Code      | Catalogue Section       | Qty | Pag |
|----------------------|-------------------|-----|------|-----------------|-------------------------|-----|-----|
| NETBR2GGY            | Datacomms         | 1   | 124  | NETTRIWH        | Datacomms               | 1   | 12  |
| VETBR2001            | Datacomms         | 1   | 124  | NETTVBK         | Datacomms               | 1   | 12  |
| VETBR2GW             | Datacomms         | 1   | 124  | NETTVGK         | Datacomms               | 1   | 12  |
|                      |                   | 1   | 124  |                 |                         | 1   | 12  |
| IETBR4GGY            | Datacomms         | -   |      | NETTVSBK        | Datacomms               |     |     |
| NETBR4GW             | Datacomms         | 1   | 124  | NETTVSGY        | Datacomms               | 1   | 12  |
| NETBTMBK             | Datacomms         | 1   | 122  | NETTVSWH        | Datacomms               | 1   | 12  |
| NETBTMGY             | Datacomms         | 1   | 122  | NETTVWH         | Datacomms               | 1   | 12  |
| NETBTMWH             | Datacomms         | 1   | 122  | NETUSBBK        | Datacomms               | 1   | 12  |
| IETBTSBK             | Datacomms         | 1   | 122  | NETUSBCBK       | Datacomms               | 1   | 17  |
| NETBTSGY             | Datacomms         | 1   | 122  | NETUSBCGY       | Datacomms               | 1   | 17  |
| NETBTSWH             | Datacomms         | 1   | 122  | NETUSBCWH       | Datacomms               | 1   | 1   |
| NETC510M             | Datacomms         | 1   | 126  | NETUSBGY        | Datacomms               | 1   | 1   |
| NETC51M              | Datacomms         | 1   | 126  | NETUSBWH        | Datacomms               | 1   | 17  |
| IETC53M              | Datacomms         | 1   | 126  | NH0112DS        | Outdoor Wall Lights     | 1   | 2!  |
| NETC55M              | Datacomms         | 1   | 126  | NH016W          | Outdoor Wall Lights     | 1   | 2/  |
| NETC5CP              | Datacomms         | 1   | 126  | NH017W          | Outdoor Wall Lights     | 1   | 2/  |
| IETC610M             | Datacomms         | 1   | 126  | NH0183BD        | Ceiling & Wall Lights   | 1   | 2   |
| IETC61M              | Datacomms         | 1   | 126  | NH0184SQ        | Ceiling & Wall Lights   | 1   | 2   |
| NETC63M              | Datacomms         | 1   | 126  | NH019W          | Outdoor Wall Lights     | 1   | 2   |
| NETC65M              | Datacomms         | 1   | 126  | NH020B          | Outdoor Wall Lights     | 1   | 2   |
| NETC6CP              | Datacomms         | 1   | 126  | NH020W          | Outdoor Wall Lights     | 1   | 2   |
| NETCAT5BK            | Datacomms         | 1   | 122  | NH021W          | Outdoor Wall Lights     | 1   | 2   |
| IETCAT5GY            | Datacomms         | 1   | 122  | NH022W          | Outdoor Wall Lights     | 1   | 2   |
| IETCAT5WH            | Datacomms         | 1   | 122  | NH023B          | Ceiling & Wall Lights   | 1   | 2   |
| IETCAT6BK            | Datacomms         | 1   | 122  | NH023W          | Ceiling & Wall Lights   | 1   | 2   |
| IETCAT6GY            | Datacomms         | 1   | 122  | NH025W          | Ceiling & Wall Lights   | 1   | 2   |
| IETCAT6WH            | Datacomms         | 1   | 122  | NH027           | Outdoor Wall Lights     | 1   | 2   |
| IETDISATBK           | Datacomms         | 1   | 123  | NH027           | Outdoor Wall Lights     | 1   | 2   |
| IETDISATOR           | Datacomms         | 1   | 123  | NH0275<br>NH028 | Outdoor Wall Lights     | 1   | 2   |
| NETDISATON           | Datacomms         | 1   | 123  | NH028S          | Outdoor Wall Lights     | 1   | 2   |
| NETDISATWA           |                   | 1   | 123  | NFI0205         |                         | 1   | 1   |
|                      | Datacomms         | 1   | 123  |                 | Ceiling & Wall Lights   |     |     |
| NETDITVGY            | Datacomms         | -   |      | NSP3C           | Ceiling & Wall Lights   | 1   | 1   |
| IETDITVWH            | Datacomms         | 1   | 123  | NSP4C           | Ceiling & Wall Lights   | 1   | 1   |
| IETHBK               | Datacomms         | 1   | 125  | NSPGU1BC        | Ceiling & Wall Lights   | 1   | 1   |
| NETHDMIBK            | Datacomms         | 1   | 124  | NSPGU1C         | Ceiling & Wall Lights   | 1   | 1   |
| IETHDMIGY            | Datacomms         | 1   | 124  | NSPGU1W         | Ceiling & Wall Lights   | 1   | 1   |
| IETHDMIWH            | Datacomms         | 1   | 124  | NSPGU2BC        | Ceiling & Wall Lights   | 1   | 1   |
| IETHGY               | Datacomms         | 1   | 125  | NSPGU2C         | Ceiling & Wall Lights   | 1   | 1   |
| IETHWH               | Datacomms         | 1   | 125  | NSPGU3BC        | Ceiling & Wall Lights   | 1   | 1   |
| IETQBK               | Datacomms         | 1   | 125  | NSPGU3C         | Ceiling & Wall Lights   | 1   | 1   |
| IETQDBK              | Datacomms         | 1   | 123  | NSPGU4BC        | Ceiling & Wall Lights   | 1   | 1   |
| IETQDGY              | Datacomms         | 1   | 123  | NSPGU4C         | Ceiling & Wall Lights   | 1   | 1   |
| IETQDWH              | Datacomms         | 1   | 123  | 0.              |                         |     |     |
| IETQGY               | Datacomms         | 1   | 125  | Code            | Catalogue Section       | Qty | Pa  |
| IETQWH               | Datacomms         | 1   | 125  | OL01B           | Bollard & Post Lighting | 1   | 2   |
| IETRJ11BK            | Datacomms         | 1   | 122  | OL01P           | Bollard & Post Lighting | 1   | 2   |
| IETRJ11GY            | Datacomms         | 1   | 122  | 0L01W           | Outdoor Wall Lights     | 1   | 2   |
| IETRJ11WH            | Datacomms         | 1   | 122  | 0P2             | Weatherproof            | 1   | 1   |
| ETSATBK              | Datacomms         | 1   | 122  | 0P21            | Weatherproof            | 1   | 1   |
| IETSATGY             | Datacomms         | 1   | 122  | 0P3             | Weatherproof            | 1   | 1   |
| ETSATSBK             | Datacomms         | 1   | 123  | OP63N           | Weatherproof            | 1   | 1   |
| IETSATSGY            | Datacomms         | 1   | 123  | OP6N            | Weatherproof            | 1   | 1   |
| IETSATSWH            | Datacomms         | 1   | 123  | OP7N            | Weatherproof            | 1   | 1   |
|                      | Datacomms         | 1   | 122  | OP9KW           | Smart Home              | 1   | 1   |
| IFTSATW/H            |                   |     |      |                 |                         |     |     |
| NETSATWH<br>NETTRIBK | Datacomms         | 1   | 123  | OP9N            | Weatherproof            | 1   | 1   |

| Code       | Catalogue Section              | Qty | Page | Code             | Catalogue Section   | Qty | Pag         |
|------------|--------------------------------|-----|------|------------------|---------------------|-----|-------------|
| 05001      | Sensors                        | 1   | 364  | RW6FMB           | Downlights          | 1   | 18          |
| )S0011     | Sensors                        | 1   | 362  | RW6FMW           | Downlights          | 1   | 18          |
| )S0014     | Sensors                        | 1   | 364  | RW6KRGBW         | Smart Home          | 1   | 16          |
| S0014B     | Sensors                        | 1   | 364  | RW6KW            | Smart Home          | 1   | 16          |
| )S0016     | Sensors                        | 1   | 362  | RW6MB            | Downlights          | 1   | 18          |
| 50019      | Sensors                        | 1   | 362  | RW6MW            | Downlights          | 1   | 18          |
| )S001B     | Sensors                        | 1   | 364  | RW6WW            | Downlights          | 1   | 18          |
| )S004      | Sensors                        | 1   | 364  | RWL2A            | Outdoor Wall Lights | 1   | 25          |
| )S004B     | Sensors                        | 1   | 364  | RWL2W            | Outdoor Wall Lights | 1   | 25          |
| )S0045     | Sensors                        | 1   | 365  | RWL5A            | Outdoor Wall Lights | 1   | 2!          |
| )S008      | Sensors                        | 1   | 363  | RWL5W            | Outdoor Wall Lights | 1   | 25          |
| )5009      | Sensors                        | 1   | 362  | S.               | outdoor man Eights  | -   | -           |
| )5020      | Sensors                        | 1   | 365  | Code             | Catalogue Section   | Qty | Pag         |
| )SEKW      | Smart Home                     | 1   | 166  | SC15PA           | Wiring Basics       | 10  | - ray<br>14 |
| )SMKW      | Smart Home                     | 1   | 166  | SCIOPA<br>SC30PA | *                   | 10  |             |
|            | Smart Home                     | 1   | 100  |                  | Wiring Basics       |     | 14          |
| 2          |                                |     |      | SC3PA            | Wiring Basics       | 10  | 1/          |
| lode       | Catalogue Section              | Qty | Page | SC5PA            | Wiring Basics       | 10  | 14          |
| IR0901     | Sensors                        | 1   | 363  | SC60PA           | Wiring Basics       | 10  | 14          |
| PIR09015   | Sensors                        | 1   | 363  | SF0100BC         | Screwless           | 1   | (           |
| PL18W4P    | Lamps & Lighting Accessories   | 20  | 374  | SF0100BN         | Screwless           | 1   | 9           |
| PL26W4P    | Lamps & Lighting Accessories   | 20  | 374  | SF0100MB         | Screwless           | 1   | 9           |
| RCLED      | Recessed, Surface & Suspension | 1   | 321  | SF0100MW         | Screwless           | 1   | 9           |
| PRCLED4    | Recessed, Surface & Suspension | 1   | 321  | SF0100PB         | Screwless           | 1   | 9           |
| RCLEDEM    | Recessed, Surface & Suspension | 1   | 321  | SF0100PC         | Screwless           | 1   | 9           |
| RCLEDEM4   | Recessed, Surface & Suspension | 1   | 321  | SF0140BC         | Screwless           | 1   | 9           |
| 2.         |                                |     |      | SF0140BN         | Screwless           | 1   | 9           |
| ode        | Catalogue Section              | Qty | Page | SF0140MB         | Screwless           | 1   | 9           |
| RCD001     | Wiring Basics                  | 1   | 147  | SF0140MW         | Screwless           | 1   | 9           |
| RCD002     | Wiring Basics                  | 1   | 147  | SF0140PB         | Screwless           | 1   | 9           |
| CD6000     | Wiring Basics                  | 1   | 147  | SF0140PC         | Screwless           | 1   | 9           |
| CD9000     | Wiring Basics                  | 1   | 147  | SF0150BC         | Screwless           | 1   | 9           |
| RCTM2LED   | Bathroom                       | 1   | 213  | SF0150BN         | Screwless           | 1   | 9           |
| CTM2T8     | Bathroom                       | 1   | 213  | SF0150MB         | Screwless           | 1   | (           |
| CTRGB      | Bathroom                       | 1   | 213  | SF0150MW         | Screwless           | 1   | (           |
| RD10BK     | Outdoor Wall Lights            | 1   | 253  | SF0150PB         | Screwless           | 1   | (           |
| RD1B       | Downlights                     | 1   | 174  | SF0150PC         | Screwless           | 1   | ġ           |
| RD1C       | Downlights                     | 1   | 174  | SF1100BC         | Screwless           | 1   | 1           |
| DICBR      | Downlights                     | 1   | 174  | SF1100BN         | Screwless           | 1   |             |
| RD1W       | Downlights                     | 1   | 174  | SF1100BN         | Screwless           | 1   |             |
| DIW<br>D2B |                                | 1   | 174  | SF1100MBB        | Screwless           | 1   |             |
| D2D        | Downlights                     | 1   | 174  | SF1100MBB        | Screwless           | 1   |             |
|            | Downlights                     |     |      |                  |                     |     |             |
| D2CBR      | Downlights                     | 1   | 174  | SF1100PB         | Screwless           | 1   |             |
| RD2W       | Downlights                     | 1   | 174  | SF1100PC         | Screwless           | 1   | 1           |
| DL9CCT     | Commercial Downlights          | 1   | 312  | SF1200BC         | Screwless           | 1   | 9           |
| DSHC       | Downlights                     | 1   | 175  | SF1200BN         | Screwless           | 1   |             |
| DSHCBR     | Downlights                     | 1   | 175  | SF1200MB         | Screwless           | 1   |             |
| DSHW       | Downlights                     | 1   | 175  | SF1200MBB        | Screwless           | 1   |             |
| GBAMP      | LED Flex                       | 1   | 237  | SF1200MW         | Screwless           | 1   |             |
| W6BC       | Downlights                     | 1   | 186  | SF1200PB         | Screwless           | 1   |             |
| W6C        | Downlights                     | 1   | 186  | SF1200PC         | Screwless           | 1   |             |
| W6CCT      | Downlights                     | 1   | 186  | SF12T0GBC        | Screwless           | 1   |             |
| W6CW       | Downlights                     | 1   | 186  | SF12T0GBN        | Screwless           | 1   |             |
| W6DTW      | Downlights                     | 1   | 186  | SF12T0GPB        | Screwless           | 1   |             |
| W6FBC      | Downlights                     | 1   | 187  | SF12T0GPC        | Screwless           | 1   |             |
| W6FBR      | Downlights                     | 1   | 187  | SF1GBC           | Screwless           | 1   | 1           |
| WOLDK      |                                |     |      |                  |                     |     |             |

| S.        |                   |     |      | S.        |                   |     |      |
|-----------|-------------------|-----|------|-----------|-------------------|-----|------|
| Code      | Catalogue Section | Qty | Page | Code      | Catalogue Section | Qty | Page |
| SF1GMB    | Screwless         | 1   | 100  | SF3000MBB | Screwless         | 1   | 90   |
| SF1GMW    | Screwless         | 1   | 100  | SF3000MW  | Screwless         | 1   | 90   |
| SF1GPB    | Screwless         | 1   | 100  | SF3000PB  | Screwless         | 1   | 90   |
| SF1GPC    | Screwless         | 1   | 100  | SF3000PC  | Screwless         | 1   | 90   |
| SF1T0GBC  | Screwless         | 1   | 92   | SF3T0GBC  | Screwless         | 1   | 92   |
| SF1T0GBN  | Screwless         | 1   | 92   | SF3T0GBN  | Screwless         | 1   | 92   |
| SF1T0GPB  | Screwless         | 1   | 92   | SF3T0GPB  | Screwless         | 1   | 92   |
| SF1T0GPC  | Screwless         | 1   | 92   | SF3T0GPC  | Screwless         | 1   | 92   |
| SF2000BC  | Screwless         | 1   | 90   | SF4000BC  | Screwless         | 1   | 91   |
| SF2000BN  | Screwless         | 1   | 90   | SF4000BN  | Screwless         | 1   | 91   |
| SF2000MB  | Screwless         | 1   | 90   | SF4000MB  | Screwless         | 1   | 91   |
| SF2000MBB | Screwless         | 1   | 90   | SF4000MBB | Screwless         | 1   | 91   |
| SF2000MW  | Screwless         | 1   | 90   | SF4000MW  | Screwless         | 1   | 91   |
| SF2000PB  | Screwless         | 1   | 90   | SF4000PB  | Screwless         | 1   | 91   |
| SF2000PC  | Screwless         | 1   | 90   | SF4000PC  | Screwless         | 1   | 91   |
| SF2181BC  | Screwless         | 1   | 93   | SF4100BC  | Screwless         | 1   | 91   |
| SF2181BN  | Screwless         | 1   | 93   | SF4100BN  | Screwless         | 1   | 91   |
| SF2181MB  | Screwless         | 1   | 93   | SF4100MB  | Screwless         | 1   | 91   |
| SF2181MBB | Screwless         | 1   | 93   | SF4100MBB | Screwless         | 1   | 91   |
| SF2181MW  | Screwless         | 1   | 93   | SF4100MW  | Screwless         | 1   | 91   |
| SF2181PB  | Screwless         | 1   | 93   | SF4100PB  | Screwless         | 1   | 91   |
| SF2181PC  | Screwless         | 1   | 93   | SF4100PC  | Screwless         | 1   | 91   |
| SF2182BC  | Screwless         | 1   | 93   | SF4200BC  | Screwless         | 1   | 91   |
| SF2182BN  | Screwless         | 1   | 93   | SF4200BN  | Screwless         | 1   | 91   |
| SF2182MB  | Screwless         | 1   | 93   | SF4200MB  | Screwless         | 1   | 91   |
| SF2182MBB | Screwless         | 1   | 93   | SF4200MBB | Screwless         | 1   | 91   |
| SF2182MW  | Screwless         | 1   | 93   | SF4200MW  | Screwless         | 1   | 91   |
| SF2182PB  | Screwless         | 1   | 93   | SF4200PB  | Screwless         | 1   | 91   |
| SF2182PC  | Screwless         | 1   | 93   | SF4200PC  | Screwless         | 1   | 91   |
| SF2183BC  | Screwless         | 1   | 93   | SF4GBC    | Screwless         | 1   | 100  |
| SF2183BN  | Screwless         | 1   | 93   | SF4GBN    | Screwless         | 1   | 100  |
| SF2183MB  | Screwless         | 1   | 93   | SF4GMB    | Screwless         | 1   | 100  |
| SF2183MBB | Screwless         | 1   | 93   | SF4GMW    | Screwless         | 1   | 100  |
| SF2183MW  | Screwless         | 1   | 93   | SF4GPB    | Screwless         | 1   | 100  |
| SF2183PB  | Screwless         | 1   | 93   | SF4GPC    | Screwless         | 1   | 100  |
| SF2183PC  | Screwless         | 1   | 93   | SF4T0GBC  | Screwless         | 1   | 92   |
| SF2184BC  | Screwless         | 1   | 94   | SF4T0GBN  | Screwless         | 1   | 92   |
| SF2184BN  | Screwless         | 1   | 94   | SF4T0GPB  | Screwless         | 1   | 92   |
| SF2184MB  | Screwless         | 1   | 94   | SF4T0GPC  | Screwless         | 1   | 92   |
| SF2184MBB | Screwless         | 1   | 94   | SF5ABC    | Screwless         | 1   | 89   |
| SF2184MW  | Screwless         | 1   | 94   | SF5ABCG   | Screwless         | 1   | 89   |
| SF2184PB  | Screwless         | 1   | 94   | SF5ABCW   | Screwless         | 1   | 89   |
| SF2184PC  | Screwless         | 1   | 94   | SF5ABN    | Screwless         | 1   | 89   |
| SF2GBC    | Screwless         | 1   | 100  | SF5AMB    | Screwless         | 1   | 89   |
| SF2GBN    | Screwless         | 1   | 100  | SF5AMW    | Screwless         | 1   | 89   |
| SF2GMB    | Screwless         | 1   | 100  | SF5APB    | Screwless         | 1   | 89   |
| SF2GMW    | Screwless         | 1   | 100  | SF5APBW   | Screwless         | 1   | 89   |
| SF2GPB    | Screwless         | 1   | 100  | SF5APC    | Screwless         | 1   | 89   |
| SF2GPC    | Screwless         | 1   | 100  | SF5APCG   | Screwless         | 1   | 89   |
| SF2T0GBC  | Screwless         | 1   | 92   | SF5APCW   | Screwless         | 1   | 89   |
| SF2T0GBN  | Screwless         | 1   | 92   | SF6000BC  | Screwless         | 1   | 94   |
| SF2T0GPB  | Screwless         | 1   | 92   | SF6000BN  | Screwless         | 1   | 94   |
| SF2T0GPC  | Screwless         | 1   | 92   | SF6000MB  | Screwless         | 1   | 94   |
| SF3000BC  | Screwless         | 1   | 90   | SF6000MBB | Screwless         | 1   | 94   |
| SF3000BN  | Screwless         | 1   | 90   | SF6000MW  | Screwless         | 1   | 94   |
| SF3000MB  | Screwless         | 1   | 90   | SF6000PB  | Screwless         | 1   | 94   |
|           |                   |     |      |           |                   |     |      |

| Code       | Catalogue Section | Qty F | Page     | Code        | Catalogue Section | Qty | Pag |
|------------|-------------------|-------|----------|-------------|-------------------|-----|-----|
| 5F6000PC   | Screwless         | 1     | 94       | SF8350MW    | Screwless         | 1   | 9   |
| F6300BC    | Screwless         | 1     | 94       | SF8350PB    | Screwless         | 1   | 9   |
| F6300BN    | Screwless         | 1     | 94       | SF8350PC    | Screwless         | 1   | 9   |
| F6300MB    | Screwless         | 1     | 94       | SF8360BC    | Screwless         | 1   | 9   |
| F6300MBB   | Screwless         | 1     | 94       | SF8360BN    | Screwless         | 1   | 9   |
| F6300MW    | Screwless         | 1     | 94       | SF8360MB    | Screwless         | 1   | 9   |
| F6300NBC   | Screwless         | 1     | 95       | SF8360MW    | Screwless         | 1   | 9   |
| F6300NBN   | Screwless         | 1     | 95       | SF8360PB    | Screwless         | 1   | 9   |
| SF6300NMB  | Screwless         | 1     | 95       | SF8360PC    | Screwless         | 1   | 9   |
| SF6300NMBB | Screwless         | 1     | 95       | SF8900BC    | Screwless         | 1   | 8   |
| F6300NMW   | Screwless         | 1     | 95       | SF8900BCG   | Screwless         | 1   | 8   |
| F6300NPB   | Screwless         | 1     | 95       | SF8900BCW   | Screwless         | 1   | 8   |
| F6300NPC   | Screwless         | 1     | 95       | SF8900BN    | Screwless         | 1   | 8   |
| 5F6300PB   | Screwless         | 1     | 94       | SF8900MB    | Screwless         | 1   | 8   |
| F6300PC    | Screwless         | 1     | 94       | SF8900MW    | Screwless         | 1   | 8   |
| F7300BC    | Screwless         | 1     | 98       | SF8900PB    | Screwless         | 1   | 8   |
| F7300BN    | Screwless         | 1     | 98       | SF8900PBW   | Screwless         | 1   | 8   |
| F7300MB    | Screwless         | 1     | 98       | SF8900PC    | Screwless         | 1   | 8   |
| F7300MW    | Screwless         | 1     | 98       | SF8900PCG   | Screwless         | 1   | 8   |
| F7300PB    | Screwless         | 1     | 98       | SF8900PCW   | Screwless         | 1   | 8   |
| F7300PC    | Screwless         | 1     | 98       | SFBLUEBC    | Screwless         | 1   | 8   |
| 5F7400BC   | Screwless         | 1     | 98       | SFBLUEMBB   | Screwless         | 1   | 8   |
| F7400BC    | Screwless         | 1     | 70<br>98 | SFBLUEMW    | Screwless         | 1   | 8   |
| F7400BN    | Screwless         | 1     | 70<br>98 | SFCARDBC    | Screwless         | 1   | 9   |
|            |                   | 1     | 90<br>98 |             | Screwless         | 1   | 9   |
| F7400MW    | Screwless         |       |          | SFPLBC      |                   | 1   |     |
| F7400PB    | Screwless         | 1     | 98       | SFPLMW      | Screwless         |     | 9   |
| F7400PC    | Screwless         | 1     | 98       | SFQUADBC    | Screwless         | 1   | 8   |
| F8331NBC   | Screwless         | 1     | 97       | SFQUADBCG   | Screwless         | 1   | 8   |
| F8331NBN   | Screwless         | 1     | 97       | SFQUADBCW   | Screwless         | 1   | 8   |
| F8331NMB   | Screwless         | 1     | 97       | SFQUADBN    | Screwless         | 1   | 8   |
| F8331NMW   | Screwless         | 1     | 97       | SFQUADMB    | Screwless         | 1   | 8   |
| F8331NPB   | Screwless         | 1     | 97       | SFQUADMW    | Screwless         | 1   | 8   |
| F8331NPC   | Screwless         | 1     | 97       | SFQUADPB    | Screwless         | 1   | 8   |
| F8332NBC   | Screwless         | 1     | 97       | SFQUADPBW   | Screwless         | 1   | 8   |
| F8332NBN   | Screwless         | 1     | 97       | SFQUADPC    | Screwless         | 1   | 8   |
| F8332NMB   | Screwless         | 1     | 97       | SFQUADPCG   | Screwless         | 1   | 8   |
| F8332NMW   | Screwless         | 1     | 97       | SFQUADPCW   | Screwless         | 1   | 8   |
| F8332NPB   | Screwless         | 1     | 97       | SFR7000BC   | Screwless         | 1   | 8   |
| F8332NPC   | Screwless         | 1     | 97       | SFR7000BCG  | Screwless         | 1   | 8   |
| F8341BC    | Screwless         | 1     | 95       | SFR7000BCW  | Screwless         | 1   | 8   |
| F8341BN    | Screwless         | 1     | 95       | SFR7000BN   | Screwless         | 1   | 8   |
| F8341MB    | Screwless         | 1     | 95       | SFR7000MB   | Screwless         | 1   | 8   |
| F8341MBB   | Screwless         | 1     | 95       | SFR7000MBB  | Screwless         | 1   | 8   |
| F8341MW    | Screwless         | 1     | 95       | SFR7000MW   | Screwless         | 1   | 8   |
| F8341NBC   | Screwless         | 1     | 95       | SFR7000PB   | Screwless         | 1   | 8   |
| F8341NBN   | Screwless         | 1     | 95       | SFR7000PBW  | Screwless         | 1   | 8   |
| F8341NMB   | Screwless         | 1     | 95       | SFR7000PC   | Screwless         | 1   | 8   |
| F8341NMBB  | Screwless         | 1     | 95       | SFR7000PCG  | Screwless         | 1   | 8   |
| F8341NMW   | Screwless         | 1     | 95       | SFR7000PCW  | Screwless         | 1   | 8   |
| F8341NPB   | Screwless         | 1     | 95       | SFR7USB4BC  | Screwless         | 1   | 8   |
| F8341NPC   | Screwless         | 1     | 95       | SFR7USB4BCG | Screwless         | 1   | 8   |
| F8341PB    | Screwless         | 1     | 95       | SFR7USB4BCW | Screwless         | 1   | 8   |
| F8341PC    | Screwless         | 1     | 95       | SFR7USB4BN  | Screwless         | 1   | 8   |
| F8350BC    | Screwless         | 1     | 99       | SFR7USB4MB  | Screwless         | 1   | 8   |
| F8350BC    | Screwless         | 1     | 77<br>99 | SFR7USB4MB  | Screwless         | 1   | 8   |
| F8350MB    | Screwless         | 1     | 77<br>99 | SFR7USB4MBB | Screwless         | 1   | 8   |

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| Code                   | Catalogue Section | Qty | Page     | Code                 | Catalogue Section      |
|------------------------|-------------------|-----|----------|----------------------|------------------------|
| SFR7USB4PB             | Screwless         | 1   | 85       | SFR9901PCG           | Screwless              |
| SFR7USB4PBW            | Screwless         | 1   | 85       | SFR9901PCW           | Screwless              |
| SFR7USB4PC             | Screwless         | 1   | 85       | SFR9904NBC           | Screwless              |
| SFR7USB4PCG            | Screwless         | 1   | 85       | SFR9904NBCG          | Screwless              |
| SFR7USB4PCW            | Screwless         | 1   | 85       | SFR9904NBCW          | Screwless              |
| SFR8333NBC             | Screwless         | 1   | 97       | SFR9904NMBB          | Screwless              |
| SFR8333NBCG            | Screwless         | 1   | 97       | SFR9904NMW           | Screwless              |
| SFR8333NBCW            | Screwless         | 1   | 97       | SFR9905BC            | Screwless              |
| SFR8333NBN             | Screwless         | 1   | 97       | SFR9905BCG           | Screwless              |
| SFR8333NMB             | Screwless         | 1   | 97       | SFR9905BCW           | Screwless              |
| SFR8333NMBB            | Screwless         | 1   | 97       | SFR9905MBB           | Screwless              |
| SFR8333NMW             | Screwless         | 1   | 97       | SFR9905MW            | Screwless              |
| SFR8333NPB             | Screwless         | 1   | 97       | SFR9906BC            | Screwless              |
| SFR8333NPBW            | Screwless         | 1   | 97       | SFR9906BCG           | Screwless              |
| SFR8333NPC             | Screwless         | 1   | 97       | SFR9906BCW           | Screwless              |
| SFR8333NPCG            | Screwless         | 1   | 97       | SFR9906MBB           | Screwless              |
| SFR8333NPCW            | Screwless         | 1   | 97       | SFR9906MW            | Screwless              |
| SFR8333UBC             | Screwless         | 1   | 84       | SFR9907BC            | Screwless              |
| SFR8333UBCG            | Screwless         | 1   | 84       | SFR9907BCG           | Screwless              |
| SFR8333UBCW            | Screwless         | 1   | 84       | SFR9907BCW           | Screwless              |
| SFR8333UMBB            | Screwless         | 1   | 84       | SFR9907MBB           | Screwless              |
| SFR8333UMW             | Screwless         | 1   | 84       | SFR9907MW            | Screwless              |
| SFR9000BC              | Screwless         | 1   | 80       | SFRJ45BC             | Screwless              |
| SFR9000BCG             | Screwless         | 1   | 80       | SFRJ45BN             | Screwless              |
| SFR9000BCW             | Screwless         | 1   | 80       | SFRJ45MB             | Screwless              |
| SFR9000BN              | Screwless         | 1   | 80       | SFRJ45MW             | Screwless              |
| SFR9000MB              | Screwless         | 1   | 80       | SFRJ45PB             | Screwless              |
| SFR9000MBB             | Screwless         | 1   | 80       | SFRJ45PC             | Screwless              |
| SFR9000MW              | Screwless         | 1   | 80       | SHE1B                | Bulkheads & Wall Packs |
| SFR9000PB              | Screwless         | 1   | 80       | SHE1BEM              | Bulkheads & Wall Packs |
| SFR9000PBW             | Screwless         | 1   | 80       | SHE1BEMP             | Bulkheads & Wall Packs |
| SFR9000PC              | Screwless         | 1   | 80       | SHE1BEMS             | Bulkheads & Wall Packs |
| SFR9000PCG             | Screwless         | 1   | 80       | SHE1BP               | Bulkheads & Wall Packs |
| SFR9000PCW             | Screwless         | 1   | 80       | SHE1BS               | Bulkheads & Wall Packs |
| SFR9224BC              | Screwless         | 1   | 80<br>81 | SHE16                | Bulkheads & Wall Packs |
| SFR9224BCG             | Screwless         | 1   | 81       | SHE1GEM              | Bulkheads & Wall Packs |
| SFR9224BCG             | Screwless         | 1   | 81       | SHE1GEMP             | Bulkheads & Wall Packs |
| SFR9224BLW             | Screwless         | 1   | 81       | SHEIGEMP<br>SHEIGEMS | Bulkheads & Wall Packs |
| SFR9224DN              | Screwless         | 1   | 81       | SHE1GEMS             | Bulkheads & Wall Packs |
|                        | Screwless         | 1   | 81       |                      |                        |
| SFR9224MBB             |                   | 1   | 81       | SHE1GS<br>SHE2B      | Bulkheads & Wall Packs |
| SFR9224MW<br>SFR9224PB | Screwless         |     |          | 0.1220               | Bulkheads & Wall Packs |
|                        | Screwless         | 1   | 81       | SHE2BEM              | Bulkheads & Wall Packs |
| SFR9224PBW             | Screwless         | 1   | 81       | SHE2BEMP             | Bulkheads & Wall Packs |
| SFR9224PC              | Screwless         | 1   | 81       | SHE2BEMS             | Bulkheads & Wall Packs |
| SFR9224PCG             | Screwless         | 1   | 81       | SHE2BP               | Bulkheads & Wall Packs |
| SFR9224PCW             | Screwless         | 1   | 81       | SHE2BS               | Bulkheads & Wall Packs |
| SFR9901BC              | Screwless         | 1   | 81       | SHE2G                | Bulkheads & Wall Packs |
| SFR9901BCG             | Screwless         | 1   | 81       | SHE2GEM              | Bulkheads & Wall Packs |
| SFR9901BCW             | Screwless         | 1   | 81       | SHE2GEMP             | Bulkheads & Wall Packs |
| SFR9901BN              | Screwless         | 1   | 81       | SHE2GEMS             | Bulkheads & Wall Packs |
| SFR9901MB              | Screwless         | 1   | 81       | SHE2GP               | Bulkheads & Wall Packs |
| SFR9901MBB             | Screwless         | 1   | 81       | SHE2GS               | Bulkheads & Wall Packs |
| SFR9901MW              | Screwless         | 1   | 81       | SK0010               | Specialist Sockets     |
| SFR9901PB              | Screwless         | 1   | 81       | SK0011               | Specialist Sockets     |
| 511(77621 8            | Screwless         | 1   |          |                      | Specialist Sockets     |

| S.        |                     |     |      | S.        |                     |     |      |
|-----------|---------------------|-----|------|-----------|---------------------|-----|------|
| Code      | Catalogue Section   | Qty | Page | Code      | Catalogue Section   | Qty | Page |
| SK004     | Specialist Sockets  | 1   | 110  | SN3AFUSE  | Wiring Basics       | 10  | 148  |
| SK005A    | Specialist Sockets  | 1   | 109  | SN4000    | Moulded Square Edge | 1   | 9    |
| SK006     | Specialist Sockets  | 1   | 109  | SN400M    | Moulded Square Edge | 1   | 9    |
| SK007     | Specialist Sockets  | 1   | 110  | SN4100    | Moulded Square Edge | 1   | 9    |
| SKR0013   | Specialist Sockets  | 1   | 109  | SN4200    | Moulded Square Edge | 1   | 9    |
| SKR0014   | Specialist Sockets  | 1   | 108  | SN5AFUSE  | Wiring Basics       | 10  | 148  |
| SKR001A   | Specialist Sockets  | 1   | 109  | SN5U      | Moulded Square Edge | 1   | 8    |
| SKR002A   | Specialist Sockets  | 1   | 108  | SN6000    | Moulded Square Edge | 1   | 10   |
| SKR003A   | Specialist Sockets  | 1   | 111  | SN6000-3A | Moulded Square Edge | 1   | 10   |
| SKR008    | Specialist Sockets  | 1   | 108  | SN6000N   | Moulded Square Edge | 1   | 10   |
| SKR009A   | Specialist Sockets  | 1   | 108  | SN6300    | Moulded Square Edge | 1   | 10   |
| SL6USBC   | Bathroom            | 1   | 209  | SN6300N   | Moulded Square Edge | 1   | 10   |
| SL6USBW   | Bathroom            | 1   | 209  | SN7000    | Moulded Square Edge | 1   | 8    |
| SLIGHT2   | Bathroom            | 1   | 209  | SN7000S   | Moulded Square Edge | 1   | 8    |
| SLULED    | Bathroom            | 1   | 210  | SN7000U   | Moulded Square Edge | 1   | 8    |
| SM314     | Datacomms           | 1   | 126  | SN7300    | Moulded Square Edge | 1   | 11   |
| SM315     | Datacomms           | 1   | 126  | SN7400    | Moulded Square Edge | 1   | 11   |
| SN0100    | Moulded Square Edge | 1   | 11   | SN81BK    | Wiring Basics       | 1   | 146  |
| SN0110    | Moulded Square Edge | 1   | 11   | SN81WH    | Wiring Basics       | 1   | 146  |
| SN0120    | Moulded Square Edge | 1   | 11   | SN8200    | Wiring Basics       | 10  | 146  |
| SN0140    | Moulded Square Edge | 1   | 11   | SN8210    | Wiring Basics       | 10  | 146  |
| SN1000    | Moulded Square Edge | 1   | 9    | SN8220    | Wiring Basics       | 10  | 146  |
| SN1100    | Moulded Square Edge | 1   | 9    | SN8230    | Wiring Basics       | 10  | 146  |
| SN1200    | Moulded Square Edge | 1   | 9    | SN8250    | Wiring Basics       | 20  | 146  |
| SN127     | Moulded Square Edge | 1   | 9    | SN8260    | Wiring Basics       | 10  | 146  |
| SN127P    | Moulded Square Edge | 10  | 11   | SN8270    | Wiring Basics       | 10  | 144  |
| SN1300    | Moulded Square Edge | 10  | 11   | SN8280    | Wiring Basics       | 10  | 148  |
| SN1315A   | Wiring Basics       | 20  | 148  | SN8290    | Wiring Basics       | 5   | 146  |
| SN135A    | Wiring Basics       | 20  | 148  | SN8300    | Wiring Basics       | 5   | 145  |
| SN1381    | Wiring Basics       | 20  | 148  | SN8310N   | Wiring Basics       | 5   | 145  |
| SN1382    | Wiring Basics       | 20  | 148  | SN8331    | Moulded Square Edge | 1   | 10   |
| SN1383    | Wiring Basics       | 20  | 148  | SN8331N   | Moulded Square Edge | 1   | 10   |
| SN1383BK  | Wiring Basics       | 20  | 148  | SN8331NW  | Moulded Square Edge | 1   | 10   |
| SN13AFUSE | Wiring Basics       | 10  | 148  | SN8331W   | Moulded Square Edge | 1   | 10   |
| SN1400    | Moulded Square Edge | 10  | 11   | SN8332    | Moulded Square Edge | 1   | 10   |
| SN1400    |                     | 5   | 11   | SN8332N   | Moulded Square Edge | 1   | 10   |
| SN1500    | Moulded Square Edge | 5   | 11   | SN8332NW  |                     | 1   | 10   |
|           | Moulded Square Edge | 5   |      |           | Moulded Square Edge |     |      |
| SN1600    | Moulded Square Edge |     | 11   | SN8332W   | Moulded Square Edge | 1   | 10   |
| SN1610    | Moulded Square Edge | 10  | 11   | SN8333    | Moulded Square Edge | 1   | 10   |
| SN1700    | Moulded Square Edge | 10  | 11   | SN8333N   | Moulded Square Edge | 1   | 10   |
| SN1800    | Moulded Square Edge | 5   | 11   | SN8333NW  | Moulded Square Edge | 1   | 10   |
| SN1DIM    | Moulded Square Edge | 1   | 9    | SN8333W   | Moulded Square Edge | 1   | 10   |
| SN2000    | Moulded Square Edge | 1   | 9    | SN8335D   | Wiring Basics       | 5   | 142  |
| SN2013B   | Wiring Basics       | 10  | 147  | SN8340    | Moulded Square Edge | 1   | 10   |
| SN2013W   | Wiring Basics       | 10  | 147  | SN8341    | Moulded Square Edge | 1   | 10   |
| SN2014B   | Wiring Basics       | 10  | 147  | SN8341N   | Moulded Square Edge | 1   | 10   |
| SN2014W   | Wiring Basics       | 10  | 147  | SN8342    | Moulded Square Edge | 1   | 10   |
| SN2121B   | Wiring Basics       | 1   | 147  | SN8350    | Moulded Square Edge | 1   | 11   |
| SN2121W   | Wiring Basics       | 1   | 147  | SN8360    | Moulded Square Edge | 1   | 11   |
| SN2161    | Moulded Square Edge | 1   | 9    | SN8370    | Wiring Basics       | 10  | 142  |
| SN2162    | Moulded Square Edge | 1   | 9    | SN8375    | Wiring Basics       | 10  | 142  |
| SN2163    | Moulded Square Edge | 1   | 9    | SN8380    | Wiring Basics       | 10  | 142  |
| SN2164    | Moulded Square Edge | 1   | 9    | SN8380D   | Wiring Basics       | 10  | 142  |
| SN2165    | Moulded Square Edge | 1   | 9    | SN8381    | Wiring Basics       | 10  | 142  |
|           | Moulded Square Edge |     | 9    | SN8382    | Wiring Basics       | 10  | 142  |
| SN2DIM    | Moulueu Squale Eure | 1   | 7    | 200201    | WITHIN DUSIUS       | TU  | 746  |

| Code         Catalogue Section         Op/ Page           SN8400B         Wring Basics         20         143         TS228         Battens         4         325           SN8410B         Wring Basics         20         143         TS228         Battens         4         325           SN8410B         Wring Basics         10         143         TS235E         Battens         4         325           SN8420B         Wring Basics         10         143         TS247E         Battens         1         325           SN8420B         Wring Basics         10         143         TS247E         Battens         2         325           SN840B         Wring Basics         10         143         TSDF4         Battens         2         325           SN840B         Wring Basics         10         143         TSDF4         Battens         4         324           SN840D         Wring Basics         10         143         TSDF4         Battens         1         324           SN840D         Wring Basics         10         143         TSDF4         Battens         1         324           SN840D         Wring Basics         10         143  | S.          |                                |     |      | Т.           |                   |     |      |
|--|-------------|--------------------------------|-----|------|--------------|-------------------|-----|------|
| SN84.01         Wiring Basics         20         1.43         T5228EM         Battens         1         325           SN84.20         Wiring Basics         10         1.43         T5235EM         Battens         1         325           SN84.20         Wiring Basics         10         1.43         T5235EM         Battens         1         325           SN84.20         Wiring Basics         10         1.43         T5247EM         Battens         1         325           SN84.00         Wiring Basics         10         1.43         T5DF4         Battens         2         325           SN84.00         Wiring Basics         5         1.43         T5DF4         Battens         1         324           SN84.00         Wiring Basics         5         1.43         T6136FMF         Battens         1         324           SN8000         Moulded Square Edge         1         8         T8136FMF         Battens         1         324           SN9000         Moulded Square Edge         1         8         T8236FMF         Battens         1         324           SN9000         Moulded Square Edge         1         8         T8236FMF         Battens         1   | Code        | Catalogue Section              | Qty | Page | Code         | Catalogue Section | Qty | Page |
| SN84.0B         Wirning Basics         20         14.3         T5235         Battens         4         325           SN84.2D         Wirning Basics         10         14.3         T5235EM         Battens         4         325           SN84.30         Wirning Basics         10         14.4         T5249E         Battens         2         325           SN84.30         Wirning Basics         10         14.3         T501FZ         Battens         2         325           SN84.40         Wirning Basics         10         14.3         T501FX         Battens         2         325           SN84.70         Wirning Basics         5         14.3         T5136EMHF         Battens         4         324           SN87000         Moulded Square Edge         1         8         T6136HHF         Battens         4         324           SN90001         Moulded Square Edge         1         8         T8136HHF         Battens         4         324           SN90001         Moulded Square Edge         1         8         T8236HHF         Battens         4         324           SN90001         Moulded Square Edge         1         8         T8236HHF         Battens <t< td=""><td>SN8400B</td><td>Wiring Basics</td><td>20</td><td>143</td><td>T5228</td><td>Battens</td><td>4</td><td>325</td></t<>   | SN8400B     | Wiring Basics                  | 20  | 143  | T5228        | Battens           | 4   | 325  |
| SN8.200         Wirning Basics         10         14.3         T5235EM         Battens         1         325           SN8.208         Wirning Basics         10         14.3         T5249EM         Battens         1         325           SN8.430         Wirning Basics         10         14.4         TSDIFZ         Battens         2         325           SN8.408         Wirning Basics         10         14.3         TSDIFZ         Battens         2         325           SN8.408         Wirning Basics         5         14.3         TSDIFX         Battens         4         324           SN8.408         Wirning Basics         5         14.3         TS136H/HF         Battens         4         324           SN8.400         Wirning Basics         5         14.3         TS136H/HF         Battens         1         324           SN8000         Mouled Square Edge         1         8         TS136H/HF         Battens         1         324           SN9000U         Mouled Square Edge         1         8         TS137H/HF         Battens         1         324           SN9000U         Mouled Square Edge         1         8         TS129H/HF         Battens <td< td=""><td>SN8410</td><td>Wiring Basics</td><td>20</td><td>143</td><td>T5228EM</td><td>Battens</td><td>1</td><td>325</td></td<>   | SN8410      | Wiring Basics                  | 20  | 143  | T5228EM      | Battens           | 1   | 325  |
| SN82420B         Wirning Basics         10         14.3         T5249         Battens         4         325           SN8430B         Wirning Basics         10         14.3         T5249EM         Battens         2         325           SN84640B         Wirning Basics         10         14.4         T5DiFZ         Battens         2         325           SN84640B         Wirning Basics         5         14.3         T5135EM         Battens         2         325           SN8470D         Wirning Basics         5         14.3         T6136EMHF         Battens         4         324           SN8700N         Moulded Square Edge         1         8         T8136EMHF         Battens         4         324           SN9000D         Moulded Square Edge         1         8         T8136EMHF         Battens         4         324           SN9000U         Moulded Square Edge         1         8         T8136EMHF         Battens         4         324           SN9000U         Moulded Square Edge         1         8         T8236EMHF         Battens         4         324           SN900U         Moulded Square Edge         1         84         T8236EMHF         Battens   | SN8410B     | Wiring Basics                  | 20  | 143  | T5235        | Battens           | 4   | 325  |
| SN8.30         Wirning Basics         10         14.3         TS2APEM         Battens         1         325           SN8.430B         Wirning Basics         10         14.4         TSDIF/L         Battens         2         325           SN8.40B         Wirning Basics         10         14.4         TSDIF/L         Battens         2         325           SN8.40B         Wirning Basics         5         14.3         TSDIF/L         Battens         4         324           SN8.70B         Wirning Basics         5         14.3         TS136H/H         Battens         1         324           SN8000N         Mouled Square Edge         1         8         TS135H/F         Battens         1         324           SN9000D         Mouled Square Edge         1         8         TS170H/F         Battens         1         324           SN9000U         Mouled Square Edge         1         8         TS120H/F         Battens         1         324           SN900U         Mouled Square Edge         1         8         TS120H/F         Battens         1         324           SN900U         Mouled Square Edge         1         8         TS236H/H         Battens  | SN8420      | Wiring Basics                  | 10  | 143  | T5235EM      | Battens           | 1   | 325  |
| SNR30B         Wiring Basics         10         14.3         TSDIF2         Battens         2         325           SNR40B         Wiring Basics         10         14.3         TSDIF5         Battens         2         325           SNR400         Wiring Basics         5         14.3         TSDIF5         Battens         2         325           SNR470         Wiring Basics         5         14.3         TS13FH         Battens         4         324           SNR470         Miring Basics         5         14.3         TS13FHF         Battens         4         324           SNR000         Moulded Square Edge         1         8         TS13FHF         Battens         4         324           SN0000U         Moulded Square Edge         1         8         TS170HHF         Battens         4         324           SN900U         Moulded Square Edge         1         8         TS236HHF         Battens         4         324           SN900U         Moulded Square Edge         1         8         TS236HHF         Battens         4         324           SN900U         Moulded Square Edge         1         8         TS236HF         Battens         1   | SN8420B     | Wiring Basics                  | 10  | 143  | T5249        | Battens           | 4   | 325  |
| SNB460Wring Basics10143TSDIF4Battens2325SNB460BWring Basics10143TSDIF5Battens2325SNB470Wring Basics5143TS12BHFBattens1324SNB700Moulded Square Edge18TS13BHFBattens1324SN9000Moulded Square Edge18TS12BHFBattens1324SN9000Moulded Square Edge18TS170EMFBattens1324SN9000UMoulded Square Edge18TS170EMFBattens4324SN9000UMoulded Square Edge18TS170EMFBattens4324SN900UNMoulded Square Edge18TS218HFBattens4324SN900UNMoulded Square Edge18TS218HFBattens1324SN900UNMoulded Square Edge1143TS258MHFBattens1324SN90VSmart Home1144TS258BHFBattens1324SNEELWring Basics10143TS258BHFBattens1324SNMXEDDUSSpile Lights1266TS81ED12Battens1324SPIKEGASpile Lights1266TS81ED14Battens1328SPIKEGASpile Lights1267TS81ED14Battens1328SPIKEGASpile Lights <t< td=""><td>SN8430</td><td>Wiring Basics</td><td>10</td><td>143</td><td>T5249EM</td><td>Battens</td><td>1</td><td>325</td></t<>   | SN8430      | Wiring Basics                  | 10  | 143  | T5249EM      | Battens           | 1   | 325  |
| SNB400         Wining Basics         10         14.3         TSDIFS         Battens         2         235           SNB470         Wining Basics         5         14.3         TB118HF         Battens         4         324           SNB4700         Moulded Square Edge         1         8         TB136HF         Battens         4         324           SN9000         Moulded Square Edge         1         8         TB136HF         Battens         4         324           SN90001         Moulded Square Edge         1         8         TB170HF         Battens         4         324           SN90001         Moulded Square Edge         1         8         TB236HHF         Battens         4         324           SN90003         Moulded Square Edge         1         84         T8236HHF         Battens         1         324           SNPROE         Wiring Basics         10         14.3         T8236HHF         Battens         1         324           SNRECEDUSC         Wiring Basics         10         14.3         T8236HHF         Battens         1         324           SNRECEDUSC         Wiring Basics         10         14.6         T8236HHF         Battens  | SN8430B     | Wiring Basics                  | 10  | 143  | T5DIF2       | Battens           | 2   | 325  |
| SN8470         Wiring Basics         5         143         T8118HF         Battens         4         324           SN8500         Woulded Square Edge         1         8         T8136HF         Battens         1         324           SN9000         Moulded Square Edge         1         8         T8136HF         Battens         1         324           SN9000         Moulded Square Edge         1         8         T8135HF         Battens         4         324           SN9000UR         Moulded Square Edge         1         8         T8170FHF         Battens         4         324           SN9000UR         Moulded Square Edge         1         8         T8213HF         Battens         4         324           SN9000         Moulded Square Edge         1         8         T8213HF         Battens         4         324           SN9001         Moulded Square Edge         1         43         T8236HF         Battens         1         324           SNP001         Moulded Square Edge         1         43         T8236HF         Battens         1         324           SNP001         Muine Basics         10         143         T8236HF         Battens         1 </td <td>SN8460</td> <td>Wiring Basics</td> <td>10</td> <td>143</td> <td>T5DIF4</td> <td>Battens</td> <td>2</td> <td>325</td>   | SN8460      | Wiring Basics                  | 10  | 143  | T5DIF4       | Battens           | 2   | 325  |
| SNBA70BWining Basics5143T8336H/HFBattens1324SNB000Moulded Square Edge18T8136H/HBattens1324SN90005Moulded Square Edge18T8158H/HBattens1324SN90000Moulded Square Edge18T81370H/FBattens1324SN90000Moulded Square Edge18T8170EH/FBattens1324SN90000Moulded Square Edge18T8236H/FBattens1324SN9000Moulded Square Edge18T8236H/FBattens1324SN9000Moulded Square Edge11164T8236H/FBattens1324SNPS04Wiring Basics10143T8258H/FBattens1324SNEEDUSWiring Basics10143T8258H/FBattens1328SPIKE50BLSpike Lights1265T88LED14Battens1328SPIKE50BLSpike Lights1265T88LED15Battens1328SPIKE50BLSpike Lights1265T88LED16Battens1328SPIKE50BLSpike Lights1265T88LED25Battens1328SPIKE50BLSpike Lights1265T88LED26Battens1329SUR7230F/HRecessed, Surface & Suppension1320T88LED25Battens13  | SN8460B     | Wiring Basics                  | 10  | 143  | T5DIF5       | Battens           | 2   | 325  |
| SNB00N         Moulded Square Edge         1         8         T8134HF         Battens         4         324           SN9000         Moulded Square Edge         1         8         T8135BH/F         Battens         1         324           SN90001         Moulded Square Edge         1         8         T8135BH/F         Battens         4         324           SN90001         Moulded Square Edge         1         8         T8137DH/F         Battens         4         324           SN9004         Moulded Square Edge         1         8         T8236H/F         Battens         1         324           SN904         Moulded Square Edge         1         8         T8236H/F         Battens         4         324           SNPRW         Smart Home         1         144         T825BH/F         Battens         4         324           SNREE1         Wiring Basics         10         143         T825BH/F         Battens         1         324           SNREE2W/Wiring Basics         10         143         T825BH/F         Battens         1         324           SPIKE5BL         Spike Lights         1         265         T88LED14         Battens         1         328   | SN8470      | Wiring Basics                  | 5   | 143  | T8118HF      | Battens           | 4   | 324  |
| SN9000       Moulded Square Edge       1       8       T8158EMHF       Battens       4       324         SN90000       Moulded Square Edge       1       8       T8150HF       Battens       4       324         SN90000UR       Moulded Square Edge       1       8       T8170HF       Battens       4       324         SN9000UR       Moulded Square Edge       1       8       T8236HHF       Battens       4       324         SN9000       Moulded Square Edge       1       8       T8236HHF       Battens       4       324         SN90KW       Smart Home       1       164       T8236HHF       Battens       4       324         SNEE2       Wiring Basics       10       143       T8258EMHF       Battens       1       324         SNEED       Wiring Basics       10       143       T8258HHF       Battens       1       324         SNEED       Spike Lights       1       266       T881ED12       Battens       1       326         SPIKESDB       Spike Lights       1       265       T881ED12       Battens       1       328         SPIKESDB       Spike Lights       1       265       T881ED14   | SN8470B     | Wiring Basics                  | 5   | 143  | T8136EMHF    | Battens           | 1   | 324  |
| SNP000S         Moulded Square Edge         1         8         T8158HF         Battens         4         324           SNP000U         Moulded Square Edge         1         8         T8170EMHF         Battens         1         324           SNP9003         Moulded Square Edge         1         8         T8236HF         Battens         4         324           SNP904         Moulded Square Edge         1         8         T8236EMHF         Battens         4         324           SNP804         Smart Home         1         164         T8236EMHF         Battens         1         324           SNRKE         Wring Basics         10         143         T8258EMHF         Battens         1         324           SNRKEDUS         Wring Basics         10         143         T8258EMHF         Battens         1         324           SNRKEDUS         Spike Lights         1         266         T881ED12         Battens         1         328           SPIKESDS         Spike Lights         1         265         T881ED14         Battens         1         328           SPIKEV         Spike Lights         1         265         T881ED14         Battens         1   | SN8900N     | Moulded Square Edge            | 1   | 8    | T8136HF      | Battens           | 4   | 324  |
| SN9000U       Moulded Square Edge       1       8       T8170EMHF       Battens       1       324         SN9000UR       Moulded Square Edge       1       8       T8170HF       Battens       4       324         SN9904       Moulded Square Edge       1       8       T8236EMHF       Battens       4       324         SN9704       Moulded Square Edge       1       14       T8236EMHF       Battens       4       324         SNP802       Wiring Basics       10       14.3       T8258HF       Battens       4       324         SNEB1       Wiring Basics       10       14.8       T8270EMHF       Battens       1       326         SNIKESDDL       Spike Lights       1       266       T8270HF       Battens       1       328         SPIKESDDL       Spike Lights       1       267       T8BLED12       Battens       1       328         SPIKESDDL       Spike Lights       1       267       T8BLED15       Battens       1       328         SPIKEV       Spike Lights       1       265       T8BLED26       Battens       1       328         SPIKEVT1       Spike Lights       1       265       T8BLED26  | SN9000      | Moulded Square Edge            | 1   | 8    | T8158EMHF    | Battens           | 1   | 324  |
| SN900UR       Moulded Square Edge       1       8       T8170HF       Battens       4       324         SN9003       Moulded Square Edge       1       8       T8218HF       Battens       1       324         SN90W       Smart Home       1       164       T8236HF       Battens       1       324         SNPRU       Wring Basics       10       143       T8258HHF       Battens       1       324         SNRED       Wring Basics       10       143       T8258HF       Battens       1       324         SNREL       Wring Basics       10       143       T8258HF       Battens       1       324         SNRELDFUSE       Wring Basics       10       148       T8270EMHF       Battens       1       328         SPIKEDB       Spike Lights       1       266       T88LED14       Battens       1       328         SPIKEDS       Spike Lights       1       267       T88LED15       Battens       1       328         SPIKEVT       Spike Lights       1       265       T88LED24       Battens       1       329         ST6ABK       Wring Basics       10       146       T88LED24       Battens  | SN9000S     | Moulded Square Edge            | 1   | 8    | T8158HF      | Battens           | 4   | 324  |
| SN9903       Moulded Square Edge       1       8       T8238HF       Battens       4       324         SN9904       Moulded Square Edge       1       8       T8236EMHF       Battens       1       324         SN98W       Smart Home       1       144       T8236HF       Battens       1       324         SNEB1       Wiring Basics       10       143       T8258HF       Battens       4       324         SNMXEDFUSE       Wiring Basics       10       143       T8258HF       Battens       4       324         SPIKEABL       Spike Lights       1       266       T8270HF       Battens       1       328         SPIKESDBL       Spike Lights       1       266       T83LD12       Battens       1       328         SPIKESUB       Spike Lights       1       267       T8BLED15       Battens       1       328         SPIKEV       Spike Lights       1       265       T8BLED16MH       Battens       1       328         SPIKEXT       Spike Lights       1       265       T8BLED24EMH       Battens       1       329         SPIKEXT       Spike Lights       1       265       T8BLED34EMH <td< td=""><td>SN9000U</td><td>Moulded Square Edge</td><td>1</td><td>8</td><td>T8170EMHF</td><td>Battens</td><td>1</td><td>324</td></td<>   | SN9000U     | Moulded Square Edge            | 1   | 8    | T8170EMHF    | Battens           | 1   | 324  |
| SN9904         Moulded Square Edge         1         8         T8236EMHF         Battens         1         324           SN9RM         Smart Home         1         164         T8236HF         Battens         4         324           SNEB1         Wiring Basics         10         143         T8258HF         Battens         1         324           SNEB2         Wiring Basics         10         143         T8270EMHF         Battens         1         324           SNIKEJOBL         Spike Lights         1         265         T88LED12         Battens         1         328           SPIKE50B         Spike Lights         1         266         T88DLD15         Battens         1         328           SPIKE5UBK         Spike Lights         1         264         T88LED15H         Battens         1         328           SPIKESUBK         Spike Lights         1         265         T88LED26H         Battens         1         328           SPIKETU         Spike Lights         1         265         T88LED26 Battens         1         329           STAAWH         Wiring Basics         10         146         T88LED26 Battens         1         329           <  | SN9000UR    | Moulded Square Edge            | 1   | 8    | T8170HF      | Battens           | 4   | 324  |
| SN9KW         Smart Home         1         164         TB236HF         Battens         4         324           SNEB1         Wiring Basics         10         143         TB258HHF         Battens         1         324           SNEB2         Wiring Basics         10         143         TB258HHF         Battens         1         324           SPIREAB         Spike Lights         1         266         TB270HF         Battens         1         328           SPIRESA         Spike Lights         1         266         TB8LED12         Battens         1         328           SPIRESD         Spike Lights         1         266         TB8LED14         Battens         1         328           SPIRESD         Spike Lights         1         266         TB8LED15EMI         Battens         1         328           SPIREVT         Spike Lights         1         265         TB8LED26MI         Battens         1         328           SPIREXT         Spike Lights         1         265         TB8LED26MI         Battens         1         329           SURF236MHF         Recessed, Surface & Suspension         1         320         TB8LED25HI         Battens         1  | SN9903      | Moulded Square Edge            | 1   | 8    | T8218HF      | Battens           | 4   | 324  |
| SNEB1         Wiring Basics         10         143         T8258EMHF         Battens         1         324           SNEB2         Wiring Basics         10         143         T8258HF         Battens         4         324           SPIKE4BL         Spike Lights         1         266         T8270HF         Battens         1         328           SPIKE5B0L         Spike Lights         1         266         T88LED12         Battens         1         328           SPIKE5S         Spike Lights         1         266         T88LED14         Battens         1         328           SPIKE5K         Spike Lights         1         267         T88LED15         Battens         1         328           SPIKEW         Spike Lights         1         267         T88LED26         Battens         1         328           SPIKEW         Spike Lights         1         265         T88LED22         Battens         1         329           ST6AWH         Wiring Basics         10         146         T88LED25         Battens         1         329           SURF236MHF         Recessed, Surface & Suspension         1         320         T88LED25EM1         Battens         1   | SN9904      | Moulded Square Edge            | 1   | 8    | T8236EMHF    | Battens           | 1   | 324  |
| SNEB2         Wiring Basics         10         143         T8258HF         Battens         4         324           SNMIKDUFUSE         Wiring Basics         10         148         T8270EMHF         Battens         1         324           SPIKEABL         Spike Lights         1         266         T8270EMHF         Battens         1         328           SPIKESD         Spike Lights         1         266         T8BLED12         Battens         1         328           SPIKESDS         Spike Lights         1         266         T8BLED15         Battens         1         328           SPIKEUBK         Spike Lights         1         267         T8BLED16         Battens         1         328           SPIKEUR         Spike Lights         1         267         T8BLED16         Battens         1         328           SPIKEVT         Spike Lights         1         265         T8BLED24         Battens         1         329           ST6ABK         Wiring Basics         10         146         T8BLED25         Battens         1         329           SURF236HF         Recessed, Surface & Suspension         1         320         T8BLED25H         Battens  | SN9KW       | Smart Home                     | 1   | 164  | T8236HF      | Battens           | 4   | 324  |
| SNMIXEDFUSE       Wiring Basics       10       148       T8270EMHF       Battens       1       324         SPIKEKABL       Spike Lights       1       266       T8270HF       Battens       1       328         SPIKESA       Spike Lights       1       266       T8BLED12       Battens       1       328         SPIKESS       Spike Lights       1       267       T8BLED15       Battens       1       328         SPIKESM       Spike Lights       1       267       T8BLED16       Battens       1       328         SPIKEW       Spike Lights       1       267       T8BLED16       Battens       1       328         SPIKEXT       Spike Lights       1       265       T8BLED16       Battens       1       328         SPIKEXT       Spike Lights       1       265       T8BLED24       Battens       1       329         ST6AWH       Wiring Basics       10       146       T8BLED25       Battens       1       329         SURF236EMHF       Recessed, Surface & Suspension       1       320       T8BLED25HL       Battens       1       329         SURF236EMHF       Recessed, Surface & Suspension       1       320   | SNEB1       | Wiring Basics                  | 10  | 143  | T8258EMHF    | Battens           | 1   | 324  |
| SPIKE4BL         Spike Lights         1         266         T8270HF         Battens         4         324           SPIKE50BL         Spike Lights         1         266         T8BLED12         Battens         1         328           SPIKE5         Spike Lights         1         266         T8BLED15         Battens         1         328           SPIKE5U         Spike Lights         1         264         T8BLED15         Battens         1         328           SPIKEK         Spike Lights         1         267         T8BLED16         Battens         1         328           SPIKET         Spike Lights         1         267         T8BLED16         Battens         1         328           SPIKET         Spike Lights         1         265         T8BLED24         Battens         1         329           ST6AWH         Wiring Basics         10         146         T8BLED25         Battens         1         329           SURF236HHF         Recessed, Surface & Suspension         1         320         T8BLED25H         Battens         1         329           SURF236HHF         Recessed, Surface & Suspension         1         320         T8BLED26H         Battens   | SNEB2       | Wiring Basics                  | 10  | 143  | T8258HF      | Battens           | 4   | 324  |
| SPIKE50BL       Spike Lights       1       265       T8BLED12       Battens       1       328         SPIKESA       Spike Lights       1       266       T8BLED14       Battens       1       328         SPIKESUBK       Spike Lights       1       267       T8BLED15       Battens       1       328         SPIKEUBK       Spike Lights       1       267       T8BLED16HM       Battens       1       328         SPIKEUK       Spike Lights       1       265       T8BLED16HM       Battens       1       328         SPIKET1       Spike Lights       1       265       T8BLED22       Battens       1       329         ST6ABK       Wiring Basics       10       166       T8BLED25       Battens       1       329         SURF236HMF       Recessed, Surface & Suspension       1       320       T8BLED25HM       Battens       1       329         SURF236HMF       Recessed, Surface & Suspension       1       320       T8BLED25HL       Battens       1       329         SURF258HF       Recessed, Surface & Suspension       1       320       T8BLED26HL       Battens       1       329         SURF426HMF       Recessed, Surface & S   | SNMIXEDFUSE | Wiring Basics                  | 10  | 148  | T8270EMHF    | Battens           | 1   | 324  |
| SPIKE5A       Spike Lights       1       266       T8BLED14       Battens       1       328         SPIKE5S       Spike Lights       1       267       T8BLED15       Battens       1       328         SPIKE6UBK       Spike Lights       1       267       T8BLED16       Battens       1       328         SPIKEW       Spike Lights       1       265       T8BLED16       Battens       1       328         SPIKEXT       Spike Lights       1       265       T8BLED16       Battens       1       328         SPIKEXT       Spike Lights       1       265       T8BLED22       Battens       1       329         ST6ABK       Wiring Basics       10       146       T8BLED25       Battens       1       329         SURF236HHF       Recessed, Surface & Suspension       1       320       T8BLED25HL       Battens       1       329         SURF236HHF       Recessed, Surface & Suspension       1       320       T8BLED26HL       Battens       1       329         SURF236HHF       Recessed, Surface & Suspension       1       320       T8BLED26HL       Battens       1       329         SURF270HHF       Recessed, Surface & Suspensi   | SPIKE4BL    | Spike Lights                   | 1   | 266  | T8270HF      | Battens           | 4   | 324  |
| SPIKE5S       Spike Lights       1       267       T8BLED15       Battens       1       328         SPIKEKGUBK       Spike Lights       1       264       T8BLED15EM1       Battens       1       328         SPIKEW       Spike Lights       1       267       T8BLED16EM1       Battens       1       328         SPIKEXT       Spike Lights       1       265       T8BLED16EM1       Battens       1       329         ST6ABK       Wiring Basics       10       146       T8BLED24       Battens       1       329         SURF236HMIF       Recessed, Surface & Suspension       1       320       T8BLED25H1       Battens       1       329         SURF236HMIF       Recessed, Surface & Suspension       1       320       T8BLED25H1       Battens       1       329         SURF258HF       Recessed, Surface & Suspension       1       320       T8BLED26H1       Battens       1       329         SURF258HF       Recessed, Surface & Suspension       1       320       T8BLED26HL       Battens       1       329         SURF20HHF       Recessed, Surface & Suspension       1       320       T8BLED26HL       Battens       1       329 <td< td=""><td>SPIKE50BL</td><td>Spike Lights</td><td>1</td><td>265</td><td>T8BLED12</td><td>Battens</td><td>1</td><td>328</td></td<>  | SPIKE50BL   | Spike Lights                   | 1   | 265  | T8BLED12     | Battens           | 1   | 328  |
| SPIKEGUBK         Spike Lights         1         264         T8BLED15EM1         Battens         1         328           SPIKEW         Spike Lights         1         267         T8BLED16         Battens         1         328           SPIKEXT         Spike Lights         1         265         T8BLED16EM1         Battens         1         329           STABK         Wiring Basics         10         146         T8BLED22         Battens         1         329           ST6ABK         Wiring Basics         10         146         T8BLED25         Battens         1         329           SURF236HMF         Recessed, Surface & Suspension         1         320         T8BLED25HL         Battens         1         329           SURF236HMF         Recessed, Surface & Suspension         1         320         T8BLED25HLE         Battens         1         329           SURF230HF         Recessed, Surface & Suspension         1         320         T8BLED26HLEM         Battens         1         329           SURF230HMF         Recessed, Surface & Suspension         1         320         T8BLED26HLEM         Battens         1         329           SURF244EMHF         Recessed, Surface & Suspension         <   | SPIKE5A     | Spike Lights                   | 1   | 266  | T8BLED14     | Battens           | 1   | 328  |
| SPIKEW         Spike Lights         1         267         T8BLED16         Battens         1         328           SPIKEXT         Spike Lights         1         265         T8BLED16EM1         Battens         1         328           SPIKEXT         Spike Lights         1         265         T8BLED2         Battens         1         329           ST6ABKH         Wiring Basics         10         146         T8BLED25         Battens         1         329           SURF236EMHF         Recessed, Surface & Suspension         1         320         T8BLED25EM1         Battens         1         329           SURF236EMHF         Recessed, Surface & Suspension         1         320         T8BLED25HL         Battens         1         329           SURF258EMHF         Recessed, Surface & Suspension         1         320         T8BLED26HLEM         Battens         1         329           SURF270EMHF         Recessed, Surface & Suspension         1         320         T8BLED26HLEM         Battens         1         329           SURF210HF         Recessed, Surface & Suspension         1         320         T8BLED26HLEM         Battens         1         329           SURF210HF         Recessed, Surface & Sus  | SPIKE5S     | Spike Lights                   | 1   | 267  | T8BLED15     | Battens           | 1   | 328  |
| SPIKEXT       Spike Lights       1       265       T8BLED16EM1       Battens       1       328         SPIKEXT1       Spike Lights       1       265       T8BLED22       Battens       1       329         ST6ABK       Wiring Basics       10       146       T8BLED25       Battens       1       329         SURF236EMHF       Recessed, Surface & Suspension       1       320       T8BLED25H1       Battens       1       329         SURF236EMHF       Recessed, Surface & Suspension       1       320       T8BLED25H1       Battens       1       329         SURF258EMHF       Recessed, Surface & Suspension       1       320       T8BLED26H1       Battens       1       329         SURF258HF       Recessed, Surface & Suspension       1       320       T8BLED26       Battens       1       329         SURF270EMHF       Recessed, Surface & Suspension       1       320       T8BLED26H1       Battens       1       329         SURF414EMHF       Recessed, Surface & Suspension       1       320       T8BLED26H1       Battens       1       329         SURF414EMHF       Recessed, Surface & Suspension       1       320       T8BLED26H1       Battens       2   | SPIKEGUBK   | Spike Lights                   | 1   | 264  | T8BLED15EM1  | Battens           | 1   | 328  |
| SPIKEXT1       Spike Lights       1       265       T8BLED22       Battens       1       329         ST6ABK       Wiring Basics       10       146       T8BLED24       Battens       1       329         ST6ABK       Wiring Basics       10       146       T8BLED25       Battens       1       329         STFAWH       Wiring Basics       10       146       T8BLED25       Battens       1       329         SURF236EMHF       Recessed, Surface & Suspension       1       320       T8BLED25HLB       Battens       1       329         SURF236EMHF       Recessed, Surface & Suspension       1       320       T8BLED26HLB       Battens       1       329         SURF270EMHF       Recessed, Surface & Suspension       1       320       T8BLED26HLB       Battens       1       329         SURF270EMHF       Recessed, Surface & Suspension       1       320       T8BLED26HLB       Battens       1       329         SURF414EMHF       Recessed, Surface & Suspension       1       320       T8BLED26HLB       Battens       1       329         SURF414EMHF       Recessed, Surface & Suspension       1       320       T8BLED26HLB       Battens       2       324  | SPIKEW      | Spike Lights                   | 1   | 267  | T8BLED16     | Battens           | 1   | 328  |
| ST6ABK         Wiring Basics         10         146         T8BLED24         Battens         1         329           ST6AWH         Wiring Basics         10         146         T8BLED25         Battens         1         329           SURF236EMHF         Recessed, Surface & Suspension         1         320         T8BLED25HL         Battens         1         329           SURF236HF         Recessed, Surface & Suspension         1         320         T8BLED25HLE         Battens         1         329           SURF236HF         Recessed, Surface & Suspension         1         320         T8BLED26HL         Battens         1         329           SURF230HF         Recessed, Surface & Suspension         1         320         T8BLED26HL         Battens         1         329           SURF270EMHF         Recessed, Surface & Suspension         1         320         T8BLED26HL         Battens         1         329           SURF414EMHF         Recessed, Surface & Suspension         1         320         T8BLED26HL         Battens         1         329           SURF414EMHF         Recessed, Surface & Suspension         1         320         T8BLED26HL         Battens         2         324           SURF414EMHF </td <td>SPIKEXT</td> <td>Spike Lights</td> <td>1</td> <td>265</td> <td>T8BLED16EM1</td> <td>Battens</td> <td>1</td> <td>328</td> | SPIKEXT     | Spike Lights                   | 1   | 265  | T8BLED16EM1  | Battens           | 1   | 328  |
| ST6AWH       Wiring Basics       10       146       T8BLED25       Battens       1       329         SURF236EMHF       Recessed, Surface & Suspension       1       320       T8BLED25HL       Battens       1       329         SURF236EMHF       Recessed, Surface & Suspension       1       320       T8BLED25HL       Battens       1       329         SURF258EMHF       Recessed, Surface & Suspension       1       320       T8BLED25HL       Battens       1       329         SURF258EMF       Recessed, Surface & Suspension       1       320       T8BLED26HLEM       Battens       1       329         SURF258HF       Recessed, Surface & Suspension       1       320       T8BLED26HLEM       Battens       1       329         SURF258HF       Recessed, Surface & Suspension       1       320       T8BLED26HL       Battens       1       329         SURF214EMHF       Recessed, Surface & Suspension       1       320       T8BLED26HL       Battens       1       329         SURF414EMHF       Recessed, Surface & Suspension       1       320       T8BLF136       Battens       2       324         SURF414EMHF       Recessed, Surface & Suspension       1       319       T8DIFF136   | SPIKEXT1    | Spike Lights                   | 1   | 265  | T8BLED22     | Battens           | 1   | 329  |
| SURF236EMHF<br>SURF236HFRecessed, Surface & Suspension1320T8BLED25EM1<br>T8BLED25HL<br>BattensBattens1329SURF236HF<br>SURF258EMHFRecessed, Surface & Suspension1320T8BLED25HL<br>T8BLED26HLBattens1329SURF258EMHF<br>SURF270HFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLBattens1329SURF270HF<br>SURF270HFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLBattens1329SURF244EMHF<br>SURF414EMHFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLBattens1329SURF414EMHF<br>SURF414EMHF<br>Recessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLBattens1329SURF414EMHF<br>SURF414EMHF<br>Recessed, Surface & Suspension1320T8BLED26HL<br>T8BLF716Battens1329SURF414EMHF<br>Recessed, Surface & Suspension1320T8BLED26HL<br>T8BLF7170Battens2324SURF418EMHF<br>Recessed, Surface & Suspension1319T8DIFF170Battens2324SURF418EMHF<br>SURF418EMHFRecessed, Surface & Suspension1319T8DIFF270Battens2324SURF418EMHF<br>SURF418EMHFRecessed, Surface & Suspension11175T8DIFF270Battens2324SURF418EMHF<br>SURF418EMHFCodeCatalogue SectionOty PageT8LB14Battens4326T02L   | ST6ABK      | Wiring Basics                  | 10  | 146  | T8BLED24     | Battens           | 1   | 329  |
| SURF236HFRecessed, Surface & Suspension1320T8BLED25HLBattens1329SURF258EMHFRecessed, Surface & Suspension1320T8BLED26HLEMBattens1329SURF258HFRecessed, Surface & Suspension1320T8BLED26HLBattens1329SURF270EMHFRecessed, Surface & Suspension1320T8BLED26HLBattens1329SURF270EMHFRecessed, Surface & Suspension1320T8BLED26HLBattens1329SURF244EMHFRecessed, Surface & Suspension1320T8BLED26HLEMBattens1329SURF414EMHFRecessed, Surface & Suspension1320T8BLED26HLEMBattens1329SURF414EMHFRecessed, Surface & Suspension1310T8BLED26HLEMBattens2324SURF418EMHFRecessed, Surface & Suspension1319T8DIFF136Battens2324SURF418EMHFRecessed, Surface & Suspension1319T8DIFF170Battens2324SWS01WDownlights1175T8DIFF236Battens2324GodeCatalogue SectionOty PageT8LB14Battens4326T03Lamps & Lighting Accessories1375T8LB16Battens4326T5128Battens4325T8LB26Battens4326T5128Battens4325T8LB26Batte   | ST6AWH      | Wiring Basics                  | 10  | 146  | T8BLED25     | Battens           | 1   | 329  |
| SURF258EMHF<br>SURF258HFRecessed, Surface & Suspension1320T8BLED25HLEM<br>BattensBattens1329SURF258HF<br>SURF270EMHFRecessed, Surface & Suspension1320T8BLED26Battens1329SURF270EMHF<br>SURF270HFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLBattens1329SURF244EMHF<br>SURF414HFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLEMBattens1329SURF414HF<br>SURF418HFRecessed, Surface & Suspension1320T8BLED26HLEM<br>T8BLED26HLEMBattens2324SURF418HF<br>SURF418HFRecessed, Surface & Suspension1319T8DIFF136<br>T8DIFF136Battens2324SWS01CDownlights1175T8DIFF236<br>T8DIFF270Battens2324SWS01WDownlights1175T8DIFF236<br>T8DIFF270Battens2324CodeCatalogue SectionOty Page<br>T3T8LB14<br>T8LB14Battens4326T03Lamps & Lighting Accessories1375T8LB16<br>T8LB26Battens4326T5128<br>T5128Battens4325T8LED6<br>Battens4326T51355H<br>T5135EM<br>Battens4325T8LED6<br>Battens1326T51349<br>Battens4325T8LED6D<br>Battens1326T5149PM<br>Battens1325T8LED18BL<br>Battens1326<  | SURF236EMHF | Recessed, Surface & Suspension | 1   | 320  | T8BLED25EM1  | Battens           | 1   | 329  |
| SURF258HF<br>SURF270EMHF<br>Recessed, Surface & Suspension1320T8BLED26Battens1329SURF270EMHF<br>SURF270HFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLBattens1329SURF270HF<br>SURF414HFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLBattens1329SURF414HF<br>SURF414HFRecessed, Surface & Suspension1320T8BLED26HLEM<br>T8BLED26HLEMBattens2324SURF418HF<br>SURF418HFRecessed, Surface & Suspension1319T8DIFF136<br>T8DIFF136Battens2324SURF418HF<br>SWS01CDownlights1175T8DIFF236<br>T8DIFF270Battens2324SWS01WDownlights1175T8DIFF270<br>T8DIFF270Battens2324CodeCatalogue SectionOty Page<br>T02T8LB14<br>Lamps & Lighting Accessories1375T8LB14<br>T8LB15Battens4326T03Lamps & Lighting Accessories1375T8LB16<br>Battens4326326T5128<br>T5128<br>T5128Battens4325T8LED6<br>Battens4326T5135EM<br>T5135EM<br>Battens1325T8LED6<br>Battens1326T5149P<br>Battens1325T8LED6D<br>Battens1326T5149FBattens1325T8LED6D<br>Battens1326T5149FBattens1325T8LED6D<br>Battens<  | SURF236HF   | Recessed, Surface & Suspension | 1   | 320  | T8BLED25HL   | Battens           | 1   | 329  |
| SURF270EMHF<br>SURF270HFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLBattens1329SURF270HF<br>SURF414EMHFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLEMBattens1329SURF414EMHF<br>SURF414EMHFRecessed, Surface & Suspension1320T8BLED26HLEM<br>T8BLED26HLEMBattens2324SURF414EMHF<br>SURF418EMFFRecessed, Surface & Suspension1319T8DIFF136Battens2324SURF418EMFF<br>SWS01CDownlights1175T8DIFF170Battens2324SWS01CDownlights1175T8DIFF236Battens2324CodeCatalogue SectionQtyPageT8LB14Battens4326T02Lamps & Lighting Accessories1375T8LB15Battens4326T03Lamps & Lighting Accessories1375T8LB16Battens4326T5128Battens4325T8LB26Battens4326T5128Battens4325T8LB26Battens4326T5135EMBattens4325T8LED6Battens1326T5149Battens1325T8LED6DBattens1326T5149KBattens1325T8LED6DBattens1326T5149KBattens1325T8LED6DBattens1326 <td>SURF258EMHF</td> <td>Recessed, Surface &amp; Suspension</td> <td>1</td> <td>320</td> <td>T8BLED25HLEM</td> <td>Battens</td> <td>1</td> <td>329</td>   | SURF258EMHF | Recessed, Surface & Suspension | 1   | 320  | T8BLED25HLEM | Battens           | 1   | 329  |
| SURF270HF<br>SURF414EMHFRecessed, Surface & Suspension1320T8BLED26HL<br>T8BLED26HLEMBattens1329SURF414EMHF<br>SURF414HFRecessed, Surface & Suspension1320T8BLED26HLEMBattens2324SURF414HF<br>SURF418HFRecessed, Surface & Suspension1319T8DIFF136Battens2324SURF418HF<br>SWS01CDownlights1175T8DIFF26Battens2324SWS01CDownlights1175T8DIFF276Battens2324SWS01WDownlights1175T8DIFF276Battens2324CodeCatalogue SectionOty PageT8LB14Battens2324T02Lamps & Lighting Accessories1375T8LB15Battens4326T03Lamps & Lighting Accessories1375T8LB16Battens4326T5128Battens4325T8LB26Battens4326T5128Battens4325T8LED6Battens4326T5135Battens1325T8LED6Battens1326T5149Battens1325T8LED1BUBattens1326T5149KBattens1325T8LED4BUBattens1326T5149KBattens1325T8LED4BUBattens1326T5149KBattens1325T8LED4BUBattens </td <td>SURF258HF</td> <td>Recessed, Surface &amp; Suspension</td> <td>1</td> <td>320</td> <td>T8BLED26</td> <td>Battens</td> <td>1</td> <td></td>   | SURF258HF   | Recessed, Surface & Suspension | 1   | 320  | T8BLED26     | Battens           | 1   |      |
| SURF414EMHF<br>SURF414EMHF<br>Recessed, Surface & Suspension1320T8BLED26HLEM<br>BattensBattens1329SURF414HF<br>SURF418EMHF<br>Recessed, Surface & Suspension1319T8DIFF136Battens2324SURF418EMHF<br>SURF418EMHF<br>Recessed, Surface & Suspension1319T8DIFF170Battens2324SURF418EMHF<br>SURF418EMHF<br>Recessed, Surface & Suspension1319T8DIFF170Battens2324SWS01C<br>Downlights1175T8DIFF236Battens2324SWS01W<br>Downlights1175T8DIFF270Battens2324Code<br>Catalogue SectionCtyPageT8LB14Battens4326T02<br>T03<br>T03<br>T03<br>Lamps & Lighting Accessories1375T8LB15Battens4326T5128<br>T5128<br>T5128<br>Battens4325T8LB24Battens4326T51355<br>T5149<br>T5149<br>Battens1325T8LED60Battens1326T5149PM<br>Battens1325T8LEDP18DLBattens1326T5149PMBattens1325T8LEDP18DLBattens1326   | SURF270EMHF | Recessed, Surface & Suspension |     | 320  | T8BLED26EM1  | Battens           |     |      |
| SURF414HF<br>SURF418HF<br>Recessed, Surface & Suspension1320T8DIFF136<br>T8DIFF158Battens2324SURF418EMHF<br>SURF418HF<br>Recessed, Surface & Suspension1319T8DIFF158<br>T8DIFF170Battens2324SURF418HF<br>SWS01CDownlights1175T8DIFF170<br>T8DIFF236Battens2324SWS01CDownlights1175T8DIFF236<br>T8DIFF270Battens2324CodeCatalogue SectionCtyPage<br>T8LB14T8LB14<br>Battens2324T02Lamps & Lighting Accessories1375T8LB15<br>T8LB16Battens4326T03Lamps & Lighting Accessories1375T8LB16<br>BattensBattens4326T5128Battens4325T8LB24<br>BattensBattens4326T5128Battens1325T8LB26<br>BattensBattens4326T5135Battens1325T8LB26<br>Battens326326T5135EMBattens1325T8LED6<br>Battens1326T5149Battens1325T8LED6D<br>Battens1326T5149Battens1325T8LEDP18DL<br>Battens1326   | SURF270HF   | Recessed, Surface & Suspension | 1   | 320  | T8BLED26HL   | Battens           | 1   | 329  |
| SURF418EMHF<br>SURF418HF<br>Recessed, Surface & Suspension1319T8DIFF158<br>T8DIFF170Battens2324SURF418HF<br>SWS01CDownlights1175T8DIFF170<br>T8DIFF236Battens2324SWS01CDownlights1175T8DIFF236<br>T8DIFF258Battens2324SWS01WDownlights1175T8DIFF258<br>T8DIFF270Battens2324CodeCatalogue SectionOtyPage<br>PageT8LB14<br>T8LB14Battens4326T02Lamps & Lighting Accessories1375<br>T8LB16T8LB16<br>Battens4326T5114Battens4325<br>T8LB26T8LB26<br>BattensBattens4326T5128EM<br>T5128Battens1325<br>T8LB26T8LB26<br>Battens4326T5135<br>T5135Battens1325<br>T8LB26T8LB26<br>Battens1326T5135EM<br>T5135EMBattens1325<br>T8LED60T8LED60<br>Battens1326T5149<br>T5149EBattens1325<br>T8LED718DLBattens1326  | SURF414EMHF | Recessed, Surface & Suspension |     | 320  | T8BLED26HLEM | Battens           |     | 329  |
| SURF418HF<br>SWS01CRecessed, Surface & Suspension1319T8DIFF170Battens2324SWS01CDownlights1175T8DIFF236Battens2324SWS01WDownlights1175T8DIFF258Battens2324T.T8DIFF270Battens2324CodeCatalogue SectionOtyPageT8LB14Battens4326T02Lamps & Lighting Accessories1375T8LB16Battens4326T03Lamps & Lighting Accessories1375T8LB16Battens4326T5128Battens4325T8LB24Battens4326T5128Battens1325T8LB26Battens4326T5135Battens1325T8LB26Battens4326T5135EMBattens1325T8LED6Battens1326T5149Battens1325T8LED6DBattens1326T5149EMBattens1325T8LEDP18DLBattens1326  |             |                                |     |      |              | Battens           |     |      |
| SWS01CDownlights1175T8DIFF236Battens2324SWS01WDownlights1175T8DIFF258Battens2324T.T8DIFF270Battens2324CodeCatalogue SectionQty PageT8LB14Battens4326T02Lamps & Lighting Accessories1375T8LB15Battens4326T03Lamps & Lighting Accessories1375T8LB16Battens4326T5114Battens4325T8LB25Battens4326T5128Battens4325T8LB26Battens4326T5128EMBattens1325T8LB26Battens4326T5135Battens4325T8LB26Battens1326T5135EMBattens1325T8LED6Battens1326T5149Battens4325T8LED182WBattens1326T5149EMBattens1325T8LED182DBattens1326  |             |                                |     |      |              | Battens           |     |      |
| SWS01WDownlights1175T8DIFF258Battens2324T.T8DIFF270Battens2324CodeCatalogue SectionOty PageT8LB14Battens4326T02Lamps & Lighting Accessories1375T8LB15Battens4326T03Lamps & Lighting Accessories1375T8LB16Battens4326T5114Battens4325T8LB24Battens4326T5128Battens4325T8LB26Battens4326T5128EMBattens1325T8LB26Battens4326T5135EMBattens4325T8LED6Battens1326T5149Battens4325T8LED6DBattens1326T5149EMBattens1325T8LEDP18DLBattens1326  | SURF418HF   | Recessed, Surface & Suspension | 1   | 319  | T8DIFF170    | Battens           |     |      |
| T.TBDIFF270Battens2324CodeCatalogue SectionQty PageT8LB14Battens4326T02Lamps & Lighting Accessories1375T8LB15Battens4326T03Lamps & Lighting Accessories1375T8LB16Battens4326T514Battens4325T8LB26Battens4326T5128Battens4325T8LB26Battens4326T5128Battens1325T8LB26Battens4326T5135Battens1325T8LE06Battens1326T5135EMBattens1325T8LE06DBattens1326T5149Battens1325T8LE012Battens1326T5149EMBattens1325T8LE012Battens1326T5149EMBattens1325T8LE04DBattens1326T5149EMBattens1325T8LE04DBattens1326T5149EMBattens1325T8LE04DBattens1326T5149EMBattens1325T8LE04DBattens1326T5149EMBattens1325T8LE04DBattens1326T5149EMBattens1325T8LE04DBattens1326T5149EMBattens1325T8LE04D <td></td> <td>•</td> <td></td> <td></td> <td></td> <td>Battens</td> <td></td> <td></td>   |             | •                              |     |      |              | Battens           |     |      |
| CodeCatalogue SectionOty PageT8LB14Battens4326T02Lamps & Lighting Accessories1375T8LB15Battens4326T03Lamps & Lighting Accessories1375T8LB16Battens4326T5114Battens4325T8LB24Battens4326T5128Battens4325T8LB25Battens4326T5128EMBattens1325T8LB26Battens4326T5135MBattens1325T8LE06Battens1326T5135MBattens1325T8LE04DBattens1326T5149Battens1325T8LED4DBattens1326T5149EMBattens1325T8LEDP18DLBattens1326  |             | Downlights                     | 1   | 175  |              | Battens           |     |      |
| TO2         Lamps & Lighting Accessories         1         375         T8LB15         Battens         4         326           T03         Lamps & Lighting Accessories         1         375         T8LB16         Battens         4         326           T5114         Battens         4         325         T8LB24         Battens         4         326           T5128         Battens         4         325         T8LB25         Battens         4         326           T5128         Battens         1         325         T8LB26         Battens         4         326           T5128         Battens         1         325         T8LB26         Battens         4         326           T51326         Battens         1         325         T8LB26         Battens         1         326           T51357         Battens         1         325         T8LE060         Battens         1         326           T5149         Battens         1         325         T8LE040         Battens         1         326           T5149EM         Battens         1         325         T8LEDP18DL         Battens         1         326           T5149EM  |             |                                |     |      |              | Battens           |     |      |
| T03         Lamps & Lighting Accessories         1         375         T8LB16         Battens         4         326           T5114         Battens         4         325         T8LB24         Battens         4         326           T5128         Battens         4         325         T8LB25         Battens         4         326           T5128         Battens         1         325         T8LB26         Battens         4         326           T5128EM         Battens         1         325         T8LB26         Battens         4         326           T5135         Battens         1         325         T8LB26         Battens         1         326           T5135EM         Battens         1         325         T8LE06         Battens         1         326           T5149         Battens         1         325         T8LE010         Battens         1         326           T5149EM         Battens         1         325         T8LE0P18DL         Battens         1         326           T5149EM         Battens         1         325         T8LE0P18DL         Battens         1         326  |             | •                              |     |      |              | Battens           |     |      |
| T5114       Battens       4       325       T8LB24       Battens       4       326         T5128       Battens       4       325       T8LB25       Battens       4       326         T5128       Battens       1       325       T8LB25       Battens       4       326         T5128       Battens       1       325       T8LB26       Battens       4       326         T5135       Battens       1       325       T8LB26       Battens       1       326         T5135EM       Battens       1       325       T8LED60       Battens       1       326         T5149       Battens       4       325       T8LEDP18CW       Battens       1       326         T5149EM       Battens       1       325       T8LEDP18DL       Battens       1       326   |             |                                |     |      |              | Battens           |     |      |
| T5128         Battens         4         325         T8LB25         Battens         4         326           T5128EM         Battens         1         325         T8LB26         Battens         4         326           T5135         Battens         4         325         T8LB26         Battens         4         326           T5135         Battens         4         325         T8LED6         Battens         1         326           T5135EM         Battens         1         325         T8LED6D         Battens         1         326           T5149         Battens         4         325         T8LEDP18CW         Battens         1         326           T5149EM         Battens         1         325         T8LEDP18DL         Battens         1         326  |             | Lamps & Lighting Accessories   | 1   |      |              | Battens           | 4   |      |
| T5128EM         Battens         1         325         T8LB26         Battens         4         326           T5135         Battens         4         325         T8LED6         Battens         1         326           T5135         Battens         1         325         T8LED6         Battens         1         326           T5135EM         Battens         1         325         T8LED6D         Battens         1         326           T5149         Battens         4         325         T8LEDP18CW         Battens         1         326           T5149EM         Battens         1         325         T8LEDP18DL         Battens         1         326   |             |                                |     |      |              |                   |     |      |
| T5135       Battens       4       325       T8LED6       Battens       1       326         T5135EM       Battens       1       325       T8LED6D       Battens       1       326         T5149       Battens       4       325       T8LEDP18CW       Battens       1       326         T5149EM       Battens       1       325       T8LEDP18DL       Battens       1       326   |             |                                |     |      |              |                   |     |      |
| T5135EM         Battens         1         325         T8LED6D         Battens         1         326           T5149         Battens         4         325         T8LEDP18CW         Battens         1         326           T5149EM         Battens         1         325         T8LEDP18CW         Battens         1         326           T5149EM         Battens         1         325         T8LEDP18DL         Battens         1         326   |             |                                |     |      |              |                   |     |      |
| T5149         Battens         4         325         T8LEDP18CW         Battens         1         326           T5149EM         Battens         1         325         T8LEDP18DL         Battens         1         326  |             |                                |     |      |              |                   |     |      |
| T5149EM         Battens         1         325         T8LEDP18DL         Battens         1         326   |             |                                |     |      |              |                   |     |      |
|  |             |                                |     |      |              |                   |     |      |
| T5214         Battens         4         325         T8LEDP24CW         Battens         1         326   |             |                                |     |      |              |                   |     |      |
|  | 15214       | Battens                        | 4   | 325  | 18LEDP24CW   | Battens           | 1   | 326  |

| Т.                      |  |        |            | Т.                  |  |        |            |
|-------------------------|--|--------|------------|---------------------|--|--------|------------|
| Code                    | Catalogue Section                                | Qty    | Page       | Code                | Catalogue Section                              | Qty    | Page       |
| T8LEDP24DL              | Battens  | 1      | 326        | TRK1MS              | Ceiling & Wall Lights                          | 1      | 203        |
| T8LEDP9CW               | Battens  | 1      | 326        | TRK1MW              | Ceiling & Wall Lights                          | 1      | 203        |
| T8LEDP9DL               | Battens  | 1      | 326        | TRK2MBK             | Ceiling & Wall Lights                          | 1      | 203        |
| T8REF36                 | Battens  | 4      | 324        | TRK2MS              | Ceiling & Wall Lights                          | 1      | 203        |
| T8REF58                 | Battens  | 4      | 324        | TRK2MW              | Ceiling & Wall Lights                          | 1      | 203        |
| T8REF70                 | Battens  | 4      | 324        | TRK3MBK             | Ceiling & Wall Lights                          | 1      | 203        |
| TE1                     | Wiring Basics                                    | 1      | 150        | TRK3MS              | Ceiling & Wall Lights                          | 1      | 203        |
| TE2                     | Wiring Basics                                    | 1      | 150        | TRK3MW              | Ceiling & Wall Lights                          | 1      | 203        |
| TE3                     | Wiring Basics                                    | 1      | 150        | TRKADBK             | Ceiling & Wall Lights                          | 1      | 203        |
| TE4                     | Wiring Basics                                    | 1      | 150        | TRKADS              | Ceiling & Wall Lights                          | 1      | 203        |
| TE5                     | Wiring Basics                                    | 1      | 150        | TRKADW              | Ceiling & Wall Lights                          | 1      | 203        |
| TPB14EMLED              | Bulkheads & Wall Packs                           | 1      | 300        | TRKCBK              | Ceiling & Wall Lights                          | 1      | 203        |
| TPB14EMSLED             | Bulkheads & Wall Packs                           | 1      | 300        | TRKCS               | Ceiling & Wall Lights                          | 1      | 203        |
| TPB14LED                | Bulkheads & Wall Packs                           | 1      | 300        | TRKCW               | Ceiling & Wall Lights                          | 1      | 203        |
| TPB14LEDA               | Bulkheads & Wall Packs                           | 1      | 300        | TRKDEBK             | Ceiling & Wall Lights                          | 1      | 203        |
| TPB14SLED               | Bulkheads & Wall Packs                           | 1      | 300        | TRKDES              | Ceiling & Wall Lights                          | 1      | 203        |
| TPB16BRRG               | Bulkheads & Wall Packs                           | 1      | 292        | TRKDEW              | Ceiling & Wall Lights                          | 1      | 203        |
| TPB16CHRG               | Bulkheads & Wall Packs                           | 1      | 292        | TRKFCBK             | Ceiling & Wall Lights                          | 1      | 203        |
| TPB16W0HF               | Bulkheads & Wall Packs                           | 1      | 292        | TRKFCS              | Ceiling & Wall Lights                          | 1      | 203        |
| TPB16WPHF               | Bulkheads & Wall Packs                           | 1      | 292        | TRKFCW              | Ceiling & Wall Lights                          | 1      | 203        |
| TPB28W0EMHF             | Bulkheads & Wall Packs                           | 1      | 292        | TRKLCBK             | Ceiling & Wall Lights                          | 1      | 203        |
| TPB28W0HF               | Bulkheads & Wall Packs                           | 1      | 292        | TRKLCS              | Ceiling & Wall Lights                          | 1      | 203        |
| TPB28WPEMHF             | Bulkheads & Wall Packs                           | 1      | 292        | TRKLCW              | Ceiling & Wall Lights                          | 1      | 203        |
| TPB28WPHF               | Bulkheads & Wall Packs                           | 1      | 292        | TRKPFBK             | Ceiling & Wall Lights                          | 1      | 203        |
| TPB33BRRG               | Bulkheads & Wall Packs                           | 1      | 292        | TRKPFS              | Ceiling & Wall Lights                          | 1      | 203        |
| TPB33CHRG               | Bulkheads & Wall Packs                           | 1      | 292        | TRKPFW              | Ceiling & Wall Lights                          | 1      | 203        |
| TPOV60B                 | Bulkheads & Wall Packs                           | 1      | 305        | TRKRABK             | Ceiling & Wall Lights                          | 1      | 203        |
| TPOV60W                 | Bulkheads & Wall Packs                           | 1<br>1 | 305        | TRKRAS              | Ceiling & Wall Lights                          | 1<br>1 | 203<br>203 |
| TPR14LED                | Bulkheads & Wall Packs                           | 1      | 300<br>300 | TRKRAW              | Ceiling & Wall Lights                          | 1      | 203        |
| TPR14LEDA               | Bulkheads & Wall Packs                           | 1      | 300        | TRKSP1BC            | Ceiling & Wall Lights                          | 1      | 200        |
| TPR14LEDEM<br>TPR14LEDS | Bulkheads & Wall Packs<br>Bulkheads & Wall Packs | 1      | 300        | TRKSP1BK<br>TRKSP1W | Ceiling & Wall Lights<br>Ceiling & Wall Lights | 1      | 200        |
| TPR14LEDS               | Bulkheads & Wall Packs                           | 1      | 293        | TRKSP1W<br>TRKSP2BC | Ceiling & Wall Lights                          | 1      | 200        |
| TPR16WPHF               | Bulkheads & Wall Packs                           | 1      | 293        | TRKSP2BC            | Ceiling & Wall Lights                          | 1      | 200        |
| TPR28BPHF               | Bulkheads & Wall Packs                           | 1      | 293        | TRKSP2BK            | Ceiling & Wall Lights                          | 1      | 200        |
| TPR28WPHF               | Bulkheads & Wall Packs                           | 1      | 293        | TRKSP2W<br>TRKSP3BC | Ceiling & Wall Lights                          | 1      | 200        |
| TPRWOEMHF               | Bulkheads & Wall Packs                           | 1      | 293        | TRKSP3BK            | Ceiling & Wall Lights                          | 1      | 200        |
| TPRWOEMIF               | Bulkheads & Wall Packs                           | 1      | 293        | TRKSP3BK            | Ceiling & Wall Lights                          | 1      | 200        |
| TPRWPEMHF               | Bulkheads & Wall Packs                           | 1      | 293        | TRKSP3W             | Ceiling & Wall Lights                          | 1      | 200        |
| TPS28B0EMHF             | Bulkheads & Wall Packs                           | 1      | 294        | TRKSP4BK            | Ceiling & Wall Lights                          | 1      | 201        |
| TPS28B0HF               | Bulkheads & Wall Packs                           | 1      | 294        | TRKSP4W             | Ceiling & Wall Lights                          | 1      | 201        |
| TPS28BPEMHF             | Bulkheads & Wall Packs                           | 1      | 294        | TRKSP5BC            | Ceiling & Wall Lights                          | 1      | 201        |
| TPS28BPHF               | Bulkheads & Wall Packs                           | 1      | 294        | TRKSP5BK            | Ceiling & Wall Lights                          | 1      | 201        |
| TPS28W0EMHF             | Bulkheads & Wall Packs                           | 1      | 294        | TRKSP5W             | Ceiling & Wall Lights                          | 1      | 201        |
| TPS28W0HF               | Bulkheads & Wall Packs                           | 1      | 294        | TRKSP6BC            | Ceiling & Wall Lights                          | 1      | 201        |
| TPS28WPEMHF             | Bulkheads & Wall Packs                           | 1      | 294        | TRKSP6BK            | Ceiling & Wall Lights                          | 1      | 201        |
| TPS28WPHF               | Bulkheads & Wall Packs                           | 1      | 294        | TRKSP6W             | Ceiling & Wall Lights                          | 1      | 201        |
| TR150HQI                | Floodlights                                      | 1      | 288        | TRKSP7BCCW          | Ceiling & Wall Lights                          | 1      | 202        |
| TR250SLB                | High Bay / Low Bay                               | 1      | 345        | TRKSP7BCW           | Ceiling & Wall Lights                          | 1      | 202        |
| TR400SLB                | High Bay / Low Bay                               | 1      | 345        | TRKSP7BCWW          | Ceiling & Wall Lights                          | 1      | 202        |
| TRHP70                  | Floodlights                                      | 1      | 288        | TRKSP7BWW           | Ceiling & Wall Lights                          | 1      | 202        |
| TRHP70PC                | Floodlights                                      | 1      | 288        | TRKSP7R             | Ceiling & Wall Lights                          | 1      | 202        |
| TRIBCCW                 | Under Cabinet                                    | 1      | 224        | TRKSP7WCW           | Ceiling & Wall Lights                          | 1      | 202        |
| TRIBCWW                 | Under Cabinet                                    | 1      | 224        | TRKSP7WWW           | Ceiling & Wall Lights                          | 1      | 202        |
| TRK1MBK                 | Ceiling & Wall Lights                            | 1      | 203        | TRKSP8B             | Ceiling & Wall Lights                          | 1      | 201        |
|                         |  | -      |            |                     |  | -      |            |

| т.         |                       |     |      | U.          |                     |   |         |
|------------|-----------------------|-----|------|-------------|---------------------|---|---------|
| Code       | Catalogue Section     | Qty | Page | Code        | Catalogue Section   | Q | ty Page |
| TRKSP8BC   | Ceiling & Wall Lights | 1   | 201  | UCLED18CW   | Under Cabinet       | 2 | 219     |
| TRKSP8W    | Ceiling & Wall Lights | 1   | 201  | UCLED18WW   | Under Cabinet       | 2 | 219     |
| TRKTBK     | Ceiling & Wall Lights | 1   | 203  | UCLED22CW   | Under Cabinet       | 2 | 219     |
| TRKTS      | Ceiling & Wall Lights | 1   | 203  | UCLED22WW   | Under Cabinet       | 2 | 219     |
| TRKTW      | Ceiling & Wall Lights | 1   | 203  | UCLED4CW    | Under Cabinet       | 1 | 219     |
| TRKXBK     | Ceiling & Wall Lights | 1   | 203  | UCLED4WW    | Under Cabinet       | 1 | 219     |
| TRKXS      | Ceiling & Wall Lights | 1   | 203  | UCLED7CW    | Under Cabinet       | 1 | 219     |
| TRKXW      | Ceiling & Wall Lights | 1   | 203  | UCLED7WW    | Under Cabinet       | 1 | 219     |
| TRLED12    | Non-corrosive         | 1   | 340  | UCLED9CW    | Under Cabinet       | 1 | 219     |
| TRLED14    | Non-corrosive         | 1   | 340  | UCLED9WW    | Under Cabinet       | 1 | 219     |
| TRLED14EM  | Non-corrosive         | 1   | 340  | UCLJB       | Under Cabinet       | 1 | 221     |
| TRLED15    | Non-corrosive         | 1   | 340  | UCLOE       | Under Cabinet       | 1 | 221     |
| TRLED151   | Non-corrosive         | 1   | 340  | UCLOS       | Under Cabinet       | 1 | 221     |
| TRLED151EM | Non-corrosive         | 1   | 340  | UCLTD       | Under Cabinet       | 1 | 221     |
| TRLED15D   | Non-corrosive         | 1   | 340  | UCP200      | Under Cabinet       | 1 | 219     |
| TRLED15EM  | Non-corrosive         | 1   | 340  | UNDK3BCCW   | Under Cabinet       | 1 | 226     |
| TRLED15EMD | Non-corrosive         | 1   | 340  | UNDK3BCWW   | Under Cabinet       | 1 | 226     |
| TRLED16    | Non-corrosive         | 1   | 340  | UNDK3WCW    | Under Cabinet       | 1 | 226     |
| TRLED16D   | Non-corrosive         | 1   | 340  | UNDK3WWW    | Under Cabinet       | 1 | 226     |
| TRLED16EM  | Non-corrosive         | 1   | 340  | UNDKCON     | Under Cabinet       | 1 | 226     |
| TRLED16EMD | Non-corrosive         | 1   | 340  | UNDKIT3BCCW | Under Cabinet       | 1 | 226     |
| TRLED22    | Non-corrosive         | 1   | 341  | UNDKIT3BCWW | Under Cabinet       | 1 | 226     |
| TRLED221   | Non-corrosive         | 1   | 341  | UNDKIT3WCW  | Under Cabinet       | 1 | 226     |
| TRLED221EM | Non-corrosive         | 1   | 341  | UNDKIT3WWW  | Under Cabinet       | 1 | 226     |
| TRLED24    | Non-corrosive         | 1   | 341  | USLED12     | Under Cabinet       | 1 | 220     |
| TRLED24EM  | Non-corrosive         | 1   | 341  | USLED123K   | Under Cabinet       | 1 | 220     |
| TRLED25    | Non-corrosive         | 1   | 341  | USLED7      | Under Cabinet       | 1 | 220     |
| TRLED25D   | Non-corrosive         | 1   | 341  | USLED73K    | Under Cabinet       | 1 | 220     |
| TRLED25EM  | Non-corrosive         | 1   | 341  | V.          |                     |   |         |
| TRLED25EMD | Non-corrosive         | 1   | 341  | Code        | Catalogue Section   | Q | ty Page |
| TRLED26    | Non-corrosive         | 1   | 341  | VFCFBC      | Downlights          | 1 | 178     |
| TRLED26D   | Non-corrosive         | 1   | 341  | VFCFC       | Downlights          | 1 | 178     |
| TRLED26EM  | Non-corrosive         | 1   | 341  | VFCFIPBC    | Downlights          | 1 | 179     |
| TRLED26EMD | Non-corrosive         | 1   | 341  | VFCFIPC     | Downlights          | 1 | 179     |
| TRPCKIT    | Sensors               | 1   | 365  | VFCFIPW     | Downlights          | 1 | 179     |
| TRRPC      | Sensors               | 1   | 365  | VFCFTBC     | Downlights          | 1 | 179     |
| U.         |                       |     |      | VFCFTC      | Downlights          | 1 | 179     |
| Code       | Catalogue Section     | Qty | Page | VFCFTW      | Downlights          | 1 | 179     |
| UC1000     | Under Cabinet         | 1   | 219  | VFCFW       | Downlights          | 1 | 178     |
| UC250      | Under Cabinet         | 1   | 219  | VFR200M     | Moulded Square Edge | 1 | 9       |
| UC500      | Under Cabinet         | 1   | 219  | VFR7EM      | Downlights          | 1 | 189     |
| UCCUP      | Under Cabinet         | 1   | 219  | VFR8BEZBL   | Downlights          | 1 | 190     |
| UCL12CW    | Under Cabinet         | 1   | 221  | VFR8BEZBR   | Downlights          | 1 | 190     |
| UCL12WW    | Under Cabinet         | 1   | 221  | VFR8BEZCBR  | Downlights          | 1 | 190     |
| UCL4CW     | Under Cabinet         | 1   | 221  | VFR8BEZCH   | Downlights          | 1 | 190     |
| UCL4WW     | Under Cabinet         | 1   | 221  | VFR8BEZMW   | Downlights          | 1 | 190     |
| UCL6CW     | Under Cabinet         | 1   | 221  | VFR8CW      | Downlights          | 1 | 190     |
| UCL6WW     | Under Cabinet         | 1   | 221  | VFR8TBEZBL  | Downlights          | 1 | 191     |
| UCLCB      | Under Cabinet         | 1   | 221  | VFR8TBEZBR  | Downlights          | 1 | 191     |
| UCLCP      | Under Cabinet         | 1   | 221  | VFR8TBEZCBR | Downlights          | 1 | 191     |
| UCLCT13    | Under Cabinet         | 1   | 219  | VFR8TBEZCH  | Downlights          | 1 |         |
| UCLCT18    | Under Cabinet         | 1   | 219  | VFR8TBEZMW  | Downlights          | 1 |         |
| UCLCT4     | Under Cabinet         | 1   | 219  | VFR8TCW     | Downlights          | 1 |         |
| UCLCT9     | Under Cabinet         | 1   | 219  | VFR8TWW     | Downlights          | 1 |         |
| UCLED13CW  | Under Cabinet         | 2   | 219  | VFR8WW      | Downlights          | 1 |         |
| UCLED13WW  | Under Cabinet         | 2   | 219  | VFRBEZAB    | Downlights          | 1 |         |
|            |                       | -   |      |             |                     | - |         |

| V.                          |  |     |            | W.       |                             |
|-----------------------------|--|-----|------------|----------|-----------------------------|
| Code                        | Catalogue Section                          | Qty | Page       | Code     | Catalogue Section           |
| VFRBEZBK                    | Downlights                                 | 1   | 192        | WALL2LBK | Outdoor Wall Lights         |
| VFRBEZBR                    | Downlights                                 | 1   | 192        | WALL2LC  | Outdoor Wall Lights         |
| VFRBEZCBR                   | Downlights                                 | 1   | 192        | WALL3    | Outdoor Wall Lights         |
| VFRBEZCH                    | Downlights                                 | 1   | 192        | WALL3L   | Outdoor Wall Lights         |
| VFRBEZGM                    | Downlights                                 | 1   | 192        | WALL3LBK | Outdoor Wall Lights         |
| VFRBEZW                     | Downlights                                 | 1   | 192        | WALL3LC  | Outdoor Wall Lights         |
| VFRCBC                      | Downlights                                 | 1   | 193        | WALL4LSS | Outdoor Wall Lights         |
| VFRCC                       | Downlights                                 | 1   | 193        | WALL5LSS | Outdoor Wall Lights         |
| VFRCOBCW                    | Downlights                                 | 1   | 192        | WD12BC   | Smart Home                  |
| VFRCOBCW1                   | Downlights                                 | 1   | 177        | WD12RGBW | Smart Home                  |
| VFRCOBCW2                   | Downlights                                 | 1   | 177        | WGULED   | Groundlights & Deck Lightin |
| VFRCOBCW3                   | Downlights                                 | 1   | 177        | WGULEN   | Groundlights & Deck Lightin |
| VFRCOBWW                    | Downlights                                 | 1   | 192        | WHGULED  | Groundlights & Deck Lightin |
| VFRCOBWW1                   | Downlights                                 | 1   | 177        | WP15CTP  | Bulkheads & Wall Packs      |
| VFRCOBWW2                   | Downlights                                 | 1   | 177        | WPTCP    | Bulkheads & Wall Packs      |
| VFRCOBWW3                   | Downlights                                 | 1   | 177        | WSGULED  | Groundlights & Deck Lightin |
| VFRCW                       | Downlights                                 | 1   | 193        | WSM16A   | Outdoor Wall Lights         |
| VFRDGICB                    | Downlights                                 | 1   | 180        | WSM16BC  | Outdoor Wall Lights         |
| VFRDGICC                    | Downlights                                 | 1   | 180        | WSM16BC  | Outdoor Wall Lights         |
| VFRDGICCBR                  | Downlights                                 | 1   | 180        | WSS8A    | Outdoor Wall Lights         |
| VFRDGICCBR                  | Downlights                                 | 1   | 180        | WSS8BC   | Outdoor Wall Lights         |
| VFRIC8CW                    | Downlights                                 | 1   | 180        | WSS8W    | Outdoor Wall Lights         |
| VFRIC8CW                    | Downlights                                 | 1   | 189        |          | Commercial Downlights       |
|                             |  | 1   | 189        | WW15C    | Commercial Downlights       |
| VFRIC8TWW                   | Downlights                                 | 1   |            | WW30R    | <b>,</b>                    |
| VFRIC8WW                    | Downlights                                 | 1   | 188        | WW40C    | Commercial Downlights       |
| VFRICBEZC                   | Downlights                                 | -   | 188        | WW40R    | Commercial Downlights       |
| VFRICBEZCBR                 | Downlights                                 | 1   | 188        | X        | C + 1 - C + 1               |
| VFRICBEZW                   | Downlights                                 | 1   | 188        | Code     | Catalogue Section           |
| VFRICC                      | Downlights                                 | 1   | 188        | XT468    | Wiring Basics               |
| VFRICTBEZC                  | Downlights                                 | 1   | 189        | XT901BX  | Wiring Basics               |
| VFRICTBEZCBR                | Downlights                                 | 1   | 189        |          |                             |
| VFRICTBEZW                  | Downlights                                 | 1   | 189        |          |                             |
| VFRICTC                     | Downlights                                 | 1   | 189        |          |                             |
| VFRSBEZBK                   | Downlights                                 | 1   | 192        |          |                             |
| VFRSBEZCBR                  | Downlights                                 | 1   | 192        |          |                             |
| VFRSBEZCH                   | Downlights                                 | 1   | 192        |          |                             |
| VFRSBEZW                    | Downlights                                 | 1   | 192        |          |                             |
| VFRSGICB                    | Downlights                                 | 1   | 180        |          |                             |
| VFRSGICC                    | Downlights                                 | 1   | 180        |          |                             |
| VFRSGICCBR                  | Downlights                                 | 1   | 180        |          |                             |
| VFRSGICW                    | Downlights                                 | 1   | 180        |          |                             |
| VFRSHGICB                   | Downlights                                 | 1   | 181        |          |                             |
| VFRSHGICC                   | Downlights                                 | 1   | 181        |          |                             |
| VFRSHGICCBR                 | Downlights                                 | 1   | 181        |          |                             |
| VFRSHGICW                   | Downlights                                 | 1   | 181        |          |                             |
| VML1                        | Bathroom                                   | 1   | 212        |          |                             |
| W.                          |  |     |            |          |                             |
| Code                        | Catalogue Section                          | Qtv | Page       |          |                             |
| WAD12A                      | Outdoor Wall Lights                        | 1   | 252        |          |                             |
| WAD12BK                     | Outdoor Wall Lights                        | 1   | 252        |          |                             |
|                             | Outdoor Wall Lights                        | 1   | 246        |          |                             |
| WALL1                       |  | -   |            |          |                             |
|                             |  | 1   | 266        |          |                             |
| WALL1<br>WALL1L<br>WALL1LBK | Outdoor Wall Lights                        | 1   | 244<br>244 |          |                             |
| WALL1L<br>WALL1LBK          | Outdoor Wall Lights<br>Outdoor Wall Lights | 1   | 244        |          |                             |
|                             | Outdoor Wall Lights                        |     |            |          |                             |

Qty Page 

1 

1 1

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## NOTES

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