



## 1901 DOWNLIGHT

Design your light! Modular Architectural Downlight Range

### FEATURES

|                               |                      |
|-------------------------------|----------------------|
| <b>IP rating</b>              | IP65                 |
| <b>CSP Switchable</b>         | Single CCT           |
| <b>Tilttable (°)</b>          | Fixed                |
| <b>UGR</b>                    | UGR<16               |
| <b>Dimmable Option</b>        | Yes (1-10V)          |
| <b>LED Lifetime</b>           | L70 70,000h          |
| <b>Colour Rendering Index</b> | CRI>90               |
| <b>Colour Consistency</b>     | SDCM3                |
| <b>Emergency Option</b>       | Yes, using converter |
| <b>Rotation angle (°)</b>     | Fixed                |

### INSTALLATION INFORMATION

|                                    |  |
|------------------------------------|--|
| <b>Input</b>                       | 220-240V AC  |
| <b>Maximum Ambient Temperature</b> | 40°C   |
| <b>Weight</b>                      | 400g   |
| <b>Insulation Coverable</b>        | No   |
| <b>Inrush Current</b>              | 10A/22ms   |
| <b>Cut Out Size</b>                | 68-86 x2   |
| <b>Construction Material</b>       | Aluminium  |
| <b>UK Bathroom Zone</b>            | 1  |
| <b>Maximum ceiling thickness</b>   | 40 mm  |
| <b>SELV</b>                        | Yes  |
| <b>Electric Class (1, 2, 3)</b>    | II   |
| <b>Suitable for coastal areas</b>  | No   |
| <b>Install Connector Type</b>      | Loop in / Loop out                                       |
| <b>UK Building Regulations</b>     | Part B, C, E, P & L                                      |
| <b>FR Building Regulations</b>     | Satisfait les essais au fil incandescent: 650°C          |
| <b>Mounting Options</b>            | Recessed   |
| <b>Part B Fire Rating</b>          | Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min |
| <b>Dimmer Type</b>                 | 1-10V  |
| <b>Power Factor</b>                | 0.80   |

### PHOTOMETRICS @ 25°C

| Product code      | Finish                | Type                        | W    | Colour | Beam | lm  | lm/W | Lx @ 1m | Energy |
|-------------------|-----------------------|-----------------------------|------|--------|------|-----|------|---------|--------|
| <b>BDB01A30NV</b> | Matt black<br>RAL9017 | White Baffle<br>Round Bezel | 9.0W | 3000K  | 15°  | 850 | 94   | 7816    |        |
| <b>BDB01A30WD</b> | Matt black<br>RAL9017 | White Baffle<br>Round Bezel | 9.0W | 3000K  | 50°  | 850 | 94   | 1350    |        |
| <b>BDB01A40NV</b> | Matt black<br>RAL9017 | White Baffle<br>Round Bezel | 9.0W | 4000K  | 15°  | 900 | 100  | 9018    |        |
| <b>BDB01A40WM</b> | Matt black<br>RAL9017 | White Baffle<br>Round Bezel | 9.0W | 4000K  | 50°  | 900 | 100  | 1450    |        |

Energy rating is a reflection of the LED light source.

### WIRING INFORMATION

|                                     |   |
|-------------------------------------|---|
| <b>Cable Required for Connector</b> | 2 x twin & earth (6242Y 3x1.5mm <sup>2</sup> ) or 3-core cable (R02V 3x1.5mm <sup>2</sup> ) |
| <b>Type of Wiring Required</b>      | Parallel  |

### ACCESSORIES

|                  |  |                 |
|------------------|--|-----------------|
| <b>LEDEP10</b>   | 3hr non-maintained, self-test emergency pack (plug & play) | Sold Separately |
| <b>LEDEP10DA</b> | Emergency converter, DALI-2 Addressable                    | Sold Separately |

**IP65** Available in IP65 for various applications

**DIM** Mains, 1-10V & DALI-2 dimmable options

**CRI>80** CRI 90 providing true colour appearance

### WARRANTY

Warranty 7 years

### FEATURES & BENEFITS

The 1901 family consists of a pendant, spot light and downlight all with a consistent design language

Use our product selector to choose from 1,800 different combinations

Designed & assembled in Northampton UK

Fixed, Adjustable, Round, Square, Trimless options available

Emergency options available

Fire-rated to 30 minutes for use in Solid timber, I-Joist and Metal Web ceiling joists

Integrated LED using premium components to achieve 70,000 hours/60 years lifetime

BEAM ANGLE: **24°**

