

# 1901 DOWNLIGHT

Design your light! Modular Architectural Downlight Range

#### **FEATURES**

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

## INSTALLATION INFORMATION

| Input                       | 220-240V AC                 |
|-----------------------------|-----------------------------|
| Maximum Ambient Temperature | 40°C                        |
| Weight                      | 240g                        |
| Insulation Coverable        | No                          |
| Inrush Current              | 2.6A/0.3ms                  |
| Cut Out Size                | 65-68                       |
| Construction Material       | Aluminium                   |
| UK Bathroom Zone            | 1                           |
| Maximum ceiling thickness   | 40 mm                       |
| SELV                        | Yes                         |
| Electric Class (1, 2, 3)    | II                          |
| Suitable for coastal areas  | No                          |
| Install Connector Type      | Loop in / Loop out          |
| UK Building Regulations     | Part B, C, E, P & L         |
| FR Building Regulations     | Satisfait les essais au fil |
| rk building kegulations     | incandescent: 650°C         |
| Mounting Options            | Recessed                    |
|                             | Solid Timber 30/60/90min, I |
| Part B Fire Rating          | Joist 30min, Metal Web      |
|                             | 30min                       |
| Dimmer Type                 | Mains                       |
| Power Factor                | 0.80                        |
|                             |                             |

# PHOTOMETRICS @ 25°C

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

Energy rating is a reflection of the LED light source.

### WIRING INFORMATION

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

#### **ACCESSORIES**

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



#### LIGHTING INNOVATION



Available in IP65 for various applications



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



CRI 90 providing true colour appearance

### WARRANTY

Warranty

7 years

# FEATURES & BENEFITS

The 1901 family consists of a pendant, spot ligh 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 us in Solid timber, I-Joist and Metal Web ceiling joists

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

PATENT: GB2576385 EP3648256 HK40014447

BEAM ANGLE: 24°

