

**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

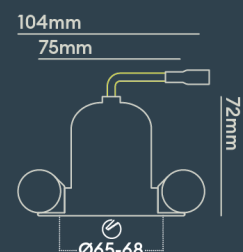
Emergency options available

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

PATENT: **GB2576385 EP3648256 HK40014447**

BEAM ANGLE: **15°**



# 1901 DOWNLIGHT

Design your light! Modular Architectural Downlight Range

## FEATURES

|                        |                      |
|------------------------|----------------------|
| IP rating              | IP44                 |
| CSP Switchable         | Single CCT           |
| Tilttable (°)          | 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 incandescent: 650°C          |
| Mounting Options            | Recessed   |
| Part B Fire Rating          | Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min |
| Dimmer Type                 | Mains  |
| Power Factor                | 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

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