**COLLINGWOOD**
LIGHTING

LIGHTING INNOVATION

**IP65** Available in IP65 for various applications

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

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

# 1901 DOWNLIGHT

Design your light! Modular Architectural Downlight Range

## 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 us in Solid timber, I-Joist and Metal Web ceiling joists

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

## FEATURES

| | |
|---|---|
| IP rating | IP20 |
| CSP Switchable | Single CCT |
| Tiltable (°) | 20 |
| UGR | UGR<16 |
| Dimmable Option | Yes (1-10V) |
| LED Lifetime | L70 70,000h |
| Colour Rendering Index | CRI>90 |
| Colour Consistency | SDCM3 |
| Emergency Option | Yes, using converter |
| Rotation angle (°) | 360 |

## INSTALLATION INFORMATION

| | |
|---|---|
| Input | 220-240V AC |
| Maximum Ambient Temperature | 40°C |
| Weight | 240g |
| Insulation Coverable | No |
| Inrush Current | 10A/22⊠s |
| 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 P, L & B |
| 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 | 1-10V |
| Power Factor | 0.80 |

## PHOTOMETRICS @ 25°C

| Product code | Finish | Type | W | Colour | Beam | lm | lm/W | Lx @ 1m | Energy |
|---|---|---|---|---|---|---|---|---|---|
| BDB10A27NV | Matt black RAL9017 | Black Baffle Slim Round Bezel | 9.0W | 2700K | 15° | 800 | 89 | 7214 | A↗G **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 |

## LED DRIVER

| Input | Dimming |
|---|---|
| 220-240V | Yes |

## ACCESSORIES

| | | |
|---|---|---|
| LEDEP10 | 3hr non-maintained, self-test emergency pack (plug & play) | Sold Separately |
| LEDEP09DA | Emergency converter, DALI-2 Addressable, maintained | Sold Separately |

BEAM ANGLE: **15°**