



collingwood



Available in IP65 for various applications



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



CRI 80 providing true colour appearance

## BDL13A27MD

Design your light! Modular Architectural Downlight Range

### Features

|                        |                      |
|------------------------|----------------------|
| IP rating              | IP20                 |
| CSP Switchable         | Single CCT           |
| Tilttable              | 20°                  |
| UGR                    | 0                    |
| Dimmable Option        | Yes (DALI-2)         |
| LED Lifetime           | L70 70,000h          |
| Colour Rendering Index | CRI>90               |
| Colour Consistency     | SDCM3                |
| Emergency Option       | Yes, using converter |
| Rotation Angle         | 20°                  |

### Installation Information

|                             |   |
|-----------------------------|---|
| Input                       | 220-240V AC                                     |
| Maximum Ambient Temperature | 40°C  |
| Weight                      | 320g  |
| Insulation Coverable        | No  |
| Inrush Current              | 20A 17ms  |
| Cut Out Size                | 68-86   |
| Construction Material       | Aluminium                                       |
| UK Bathroom Zone            | N/A   |
| Maximum ceiling thickness   | 40 mm   |
| SELV                        | SELV  |
| Electric Class (1, 2, 3)    | 2   |
| 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  |
| Ceiling Joist Approvals     | Solid timber, I-Joist and Metal Web             |
| Dimmer Type                 | DALI Dimming                                    |
| Power Factor                | 0.80  |

### Guarantee

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

### Photometrics @ 25°C

| Product Code | Finish                | Type                            | W    | Colour | Beam | lm  | lm/W | Lx @ 1m | Energy |
|--------------|-----------------------|---------------------------------|------|--------|------|-----|------|---------|--------|
| BDL13A27MD   | Matt white<br>RAL9003 | Black Baffle<br>Single Trimless | 9.6W | 2700K  | 24°  | 590 | 61   | 2866    |        |

### 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 | Bathroom Zone |
|----------|---------|---------------|
| 220-240V | Yes     | 1             |

### Accessories

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

### Beam angle: 24°

