



collingwood



Available in IP65 for various applications



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



CRI 80 providing true colour appearance

## BDB13F27WVI

Design your light! Modular Architectural Downlight Range

### Features

|                        |                        |
|------------------------|------------------------|
| IP rating              | IP65                   |
| CSP Switchable         | Single CCT             |
| Tiltable               | No                     |
| UGR                    | UGR<16, UGR<19, UGR<22 |
| 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         | No                     |

### Installation Information

|                             |  |
|-----------------------------|--|
| Input                       | 220-240V AC  |
| Maximum Ambient Temperature | 40°C   |
| Weight                      | 320g   |
| Insulation Coverable        | No   |
| Inrush Current              | 10A/220s   |
| Cut Out Size                | 68-86  |
| Construction Material       | Aluminium  |
| UK Bathroom Zone            | 1  |
| Maximum ceiling thickness   | 40 mm  |
| SELV                        | Yes  |
| Electric Class (1, 2, 3)    | 2  |
| 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                 | 1-10V  |
| 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 |
|--------------|-----------------------|---------------------------------|------|--------|------|-----|------|---------|--------|
| BDB13F27WVI  | Matt black<br>RAL9017 | Black Baffle<br>Single Trimless | 9.6W | 2700K  | 50°  | 575 | 60   | 985     |        |

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 |

### Beam angle: 50°

