



-  Available in IP65 for various applications
-  Mains, 1-10V & DALI-2 dimmable options
-  CRI 80 providing true colour appearance

BDB12F40MM

Design your light! Modular Architectural Downlight Range

Features

| | |
|------------------------|----------------------|
| IP rating | IP44 |
| CSP Switchable | Single CCT |
| Tilttable | No |
| UGR | UGR<19, UGR<22 |
| Dimmable Option | Yes (Mains) |
| 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 | 260g |
| Insulation Coverable | No |
| Inrush Current | 2.6A/0.3ms |
| Cut Out Size | 65-78 |
| 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 |
| | Solid Timber 30/60/90min, |
| Part B Fire Rating | I-Joist 30min, Metal Web 30min |
| Dimmer Type | Mains |
| 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

Patent Information

GB2576385 EP3648256 HK40014447

Photometrics @ 25°C

| Product Code | Finish | Type | W | Colour | Beam | lm | lm/W | Lx @ 1m | Energy |
|--------------|-----------------------|------------------------------|------|--------|------|-----|------|---------|---|
| BDB12F40MM | Matt black RAL9017 | Black Baffle Square Bezel | 9.6W | 4000K | 24° | 740 | 77 | 3595 |  |

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

| | | |
|-----------|--|-----------------|
| LEDEPI0 | 3hr non-maintained, self-test emergency pack (plug & play) | Sold Separately |
| LEDEPI0DA | Emergency converter, DALI-2 Addressable | Sold Separately |

Beam angle: 24°

