



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

## BDB12F27WDI

Design your light! Modular Architectural Downlight Range

### Features

IP rating	IP65
CSP Switchable	Single CCT
Tilttable	No
UGR	UGR<16, UGR<19, UGR<22
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	No

### Installation Information

Input	220-240V AC
Maximum Ambient Temperature	40°C
Weight	260g
Insulation Coverable	No
Inrush Current	20A 17ms
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
Part B Fire Rating	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
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
BDB12F27WDI	Matt black RAL9017	Black Baffle Square Bezel	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

### 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: 50°

