



Available in IP65 for various applications



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



CRI 80 providing true colour appearance

BDB02F40WV

Design your light! Modular Architectural Downlight Range

Features

IP rating	IP44
CSP Switchable	Single CCT
Tilttable	No
UGR	11
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	260g
Insulation Coverable	No
Inrush Current	10A/220s
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	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
BDB02F40WV	Matt black RAL9017	White Baffle Square Bezel	9.6W	4000K	50°	725	76	1318	

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°

