



## BDB02F40WD

Design your light! Modular Architectural Downlight Range


### FEATURES

<b>IP rating</b>	IP44
<b>CSP Switchable</b>	Single CCT
<b>Tilttable</b>	No
<b>UGR</b>	UGR<22
<b>Dimmable Option</b>	Yes (DALI-2)
<b>LED Lifetime</b>	L70 70,000h
<b>Colour Rendering Index</b>	CRI>90
<b>Colour Consistency</b>	SDCM3
<b>Emergency Option</b>	Yes, using converter
<b>Rotation Angle</b>	No

### INSTALLATION INFORMATION

<b>Input</b>	220-240V AC
<b>Maximum Ambient Temperature</b>	40°C
<b>Weight</b>	260g
<b>Insulation Coverable</b>	No
<b>Inrush Current</b>	20A 17ms
<b>Cut Out Size</b>	65-78
<b>Construction Material</b>	Aluminium
<b>UK Bathroom Zone</b>	1
<b>Maximum ceiling thickness</b>	40 mm
<b>SELV</b>	Yes
<b>Electric Class (1, 2, 3)</b>	2
<b>Suitable for coastal areas</b>	No
<b>Install Connector Type</b>	Loop in / Loop out
<b>UK Building Regulations</b>	Part B, C, E, P & L
<b>FR Building Regulations</b>	Satisfait les essais au fil incandescent: 650°C
<b>Mounting Options</b>	Recessed
<b>Part B Fire Rating</b>	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
<b>Dimmer Type</b>	DALI Dimming
<b>Power Factor</b>	0.80

### PHOTOMETRICS @ 25°C

Product code	Finish	Type	W	Colour	Beam	lm	lm/W	Lx @ 1m	Energy
<b>BDB02F40WD</b>	Matt black RAL9017	White Baffle Square Bezel	9.0W	4000K	50°	900	100	1450	

Energy rating is a reflection of the LED light source.

### WIRING INFORMATION

<b>Cable Required for Connector</b>	2 x twin & earth (6242Y 3x1.5mm <sup>2</sup> ) or 3-core cable (R02V 3x1.5mm <sup>2</sup> )
<b>Type of Wiring Required</b>	Parallel

### ACCESSORIES

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

**IP65** Available in IP65 for various applications

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

**CRI>80** CRI 90 providing true colour appearance

### WARRANTY

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

BEAM ANGLE: **50°**

