Architectural downlights specification sheet

BDB10F28MM

Design your light! Modular Architectural Downlight Range

Features

IP rating	IP44
CSP Switchable	Dim to Warm
UGR	0
Dimmable Option	Yes (Mains)
LED Lifetime	L70 70,000h
Colour Rendering Index	CRI>90
Colour Consistency	SDCM3
Emergency Option	Yes, using converter

Installation Information

Input	220-240V AC
Maximum Ambient Temperature	40°C
Weight	260g
Insulation Coverable	No
Inrush Current	1.12A 10⊠s
Cut Out Size	65-68
Construction Material	Aluminium
UK Bathroom Zone	1
Maximum ceiling thickness	40 mm
SELV	SELV
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
Ceiling Joist Approvals	Solid timber, I-Joist and Metal Web
Power Factor	0.8

Photometrics @ 25°C

Product Code	Finish	Type	W	Colour	Beam	lm	lm/W	Lx @ 1m	Energy
BDB10F28MM	Matt black RAL9017	Black Baffle Slim Round Bezel	10W	3000K - 1800K	24°	600	60	3148	F

Wiring Information

Cable Required for Connector	2 x twin & earth (6242Y 3x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
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

collingwood

IP**65** — Available in IP65 for various applications

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

>**80**Ra — CRI 80 providing true colour appearance

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

Beam angle: **24°**

104mm
75mm
72mm
Ø65-68