

# 1901 DOWNLIGHT

Design your light! Modular Architectural Downlight Range

#### **FEATURES**

IP rating	IP65
CSP Switchable	Single CCT
Tiltable	No
UGR	UGR<16
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     400g       Insulation Coverable     No       Inrush Current     20A 17№s       Cut Out Size     68-86 x2       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, I-Part B Fire Rating     Joist 30min, Metal Web 30min       Dimmer Type     DALI Dimming       Power Factor     0.80		
Weight         400g           Insulation Coverable         No           Inrush Current         20A 17№s           Cut Out Size         68-86 x2           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, I-           Part B Fire Rating         Joist 30min, Metal Web 30min           Dimmer Type         DALI Dimming	Input	220-240V AC
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Cut Out Size 68-86 x2  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  Satisfait les essais au fil incandescent: 650°C  Mounting Options Recessed Solid Timber 30/60/90min, I-  Part B Fire Rating Joist 30min, Metal Web 30min  Dimmer Type DALI Dimming	Insulation Coverable	No
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  Satisfait les essais au fil incandescent: 650°C  Mounting Options Recessed Solid Timber 30/60/90min, I-  Part B Fire Rating Joist 30min, Metal Web 30min  Dimmer Type DALI Dimming	Inrush Current	20A 17⊠s
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SELV Yes  Electric Class (1, 2, 3) 2 Suitable for coastal areas Install Connector Type UK Building Regulations Part B, C, E, P & L Satisfait les essais au fil incandescent: 650°C  Mounting Options Recessed Solid Timber 30/60/90min, I- Part B Fire Rating Joist 30min, Metal Web 30min  Dimmer Type DALI Dimming	UK Bathroom Zone	1
Electric Class (1, 2, 3)  Suitable for coastal areas Install Connector Type UK Building Regulations  FR Building Regulations  FR Building Regulations  August 1  FR Building Regulations  FR Building Regulations  FR Building Regulations  August 2  Satisfait les essais au fil incandescent: 650°C  Mounting Options  Recessed Solid Timber 30/60/90min, I-  Part B Fire Rating Joist 30min, Metal Web 30min  Dimmer Type DALI Dimming	Maximum ceiling thickness	40 mm
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30min  Dimmer Type  DALI Dimming		Solid Timber 30/60/90min, I-
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<i>"</i>		30min
Power Factor 0.80	Dimmer Type	DALI Dimming
	Power Factor	0.80

### PHOTOMETRICS @ 25°C

Product code	Finish	Туре	w	Colour	Beam	lm	lm/W	Lx @ 1m	Energy
BDB14F40MDI	Matt black RAL9017	Black Baffle Double Trimless	18W	4000K	24°	2 x 850	94	2 x 3450	A D

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**

LEDEP10	3hr non-maintained, self-test emergency pack (plug & play)	Sold Separately
LEDEP10DA	Emergency converter, DALI-2 Addressable	Sold Separately



LIGHTING INNOVATION



Available in IP65 for various applications



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



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: 24°

