

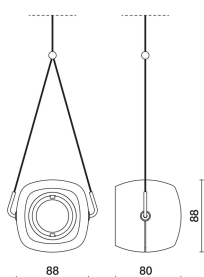
Last information update: March 2025

Product configuration: 597B.01+641B.04+643B.01

597B.01: Ø88 LV pendant floodlight - DALI Powerline - Lens - 15.6W 1117.4lm - 3000K - CRI 90 - White

641B.04: Front frame - Ø88 - Black

643B.01: Adapter for Filorail - Ø88 / Ø116 installation. - White


Product code

597B.01: Ø88 LV pendant floodlight - DALI Powerline - Lens - 15.6W 1117.4lm - 3000K - CRI 90 - White

Technical description

Miniaturised adjustable pendant-mounted floodlight with adapter for installation on a 48V Filorail low voltage track. Body consisting of two painted diecast aluminium shells coupled together. An ideal passive dissipation system to guarantee a long life and effective heat management. The adapter made of a thermoplastic material includes the DC/DC driver circuit with a DALI dimmable function. Integrated «power line» technology allows each spotlight on the track to be adjusted separately. The swivel joints allow the floodlight to be rotated by 360° around the vertical axis and 350° on the horizontal axis. The set back position of the optic unit guarantees a high level of visual comfort. Thermoplastic high definition lens with extra filter for variable optic. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. Spotlight with Push&Go system designed to facilitate and safely accelerate the connection between product and optic accessory. Mechanically disconnecting the accessory allows it to be disengaged but not dropped. Three internal accessories and one external one can be used simultaneously. All internal accessories rotate 360° about the spotlight longitudinal axis.

Installation

Installation on a Filorail track with an adapter (obligatory accessory) to be purchased separately.

Colour

White (01)

Mounting

Low voltage track

Wiring

LED driver integrated in adapter - direct connection on 48V track. Track power supply unit to be ordered separately.

Notes

Pendant cable length: 2000mm

The front frame (obligatory style accessory) needs to be purchased separately.

Complies with EN60598-1 and pertinent regulations


Accessory code

641B.04: Front frame - Ø88 - Black

Technical description

Front frame for Newfo spotlight - Ø88

Colour

Black (04)

Complies with EN60598-1 and pertinent regulations


Accessory code

643B.01: Adapter for Filorail - Ø88 / Ø116 installation. - White

Technical description

Adapter for Filorail to install Newfo - Ø88 / Ø116 installation.

Colour

White (01)

Complies with EN60598-1 and pertinent regulations

Im system:	1117	MacAdam Step:	2
W system:	15.6	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	1510	Voltage [Vin]:	48
W source:	15	Lamp code:	LED
Luminous efficiency (lm/W, real value):	71.6	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	74	LED current [mA]:	400
Beam angle [°]:	47°	Power factor:	See installation instructions
CRI (minimum):	90	Control:	DALI
Colour temperature [K]:	3000		

Figure 1 is a graph showing the relationship between distance (m) and illuminance (Lux) for a point source. The x-axis represents distance in meters (m) from -3 to 3, and the y-axis represents illuminance in Lux from 0 to 3. A series of data points are plotted, showing that illuminance decreases as distance increases. The data points are: (-3, 0.1), (-2, 0.2), (-1, 0.4), (0, 1), (1, 0.4), (2, 0.2), (3, 0.1). The graph is titled "Lux" and "Wall distance = 1m".