

Last information update: March 2025

Product configuration: 035B+GOBO_D02+F_1M

035B: Palco LV spotlight Ø 19 - Framer - DALI Powerline



Product code

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Technical description

Miniaturised adjustable projector spotlight with adapter for installation on 48V low voltage track. 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. Technical body for LED lamp made of die-cast zamak; high definition reflector. The aluminium optical assembly includes a sophisticated telecentric optic system consisting of four anti-reflection treated glass lenses. Black anodised aluminium locknut for manual focusing. The innovative optic system, combined with the option of manual adjustment provides sharp and precise wall illumination with no halo effects or soft edges. The optical assembly is fixed to the technical body with a rapid and practical magnetic system. This solution allows it to be rotated by 360° which increases its versatility considerably. The spotlight that is designed to obtain a precise, circular-shaped beam, is supplied with an integrated Ø 4 mm gobo. The package includes other gobos with different projection diameters - Ø 2-3-5 mm - to satisfy a wide range of aiming requirements. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

Installation

An adapter is used to fix the device mechanically and tool-free to the 48V track.

Colour

White (01) | Black (04)

Weight (Kg)

0.08

Mounting

Low voltage track

Wiring

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

Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	4.0	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25C)
W system:	3.4	Voltage [Vin]:	48
lm source:	200	Lamp code:	LED
W source:	2	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	1.18	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0.0	LED current [mA]:	0.7
Light Output Ratio (L.O.R.) [%]:	2	Power factor:	See installation instructions
Beam angle [°]:	8°	Minimum dimming %:	5
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3500	Control:	DALI
MacAdam Step:	2		