

Palco Low Voltage

Design Artec
Studio

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Last information update: June 2025

Product configuration: PU28

PU28: Palco LV spotlight Ø 19 - Spot beam



Product code

PU28: Palco LV spotlight Ø 19 - Spot beam

Technical description

Miniaturised adjustable spotlight with adapter for installation on a 48V Filorail low voltage track. Made of die-cast zamak with a passive dissipation system. The adapter is made of a thermoplastic material and includes a driver circuit with PWM (Pulse with modulation) technology. The integrated PWM technology allows the light intensity to be adjusted by creating the effect of a dimmed light without altering the quality of the light. The swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. The set back position of the optic unit guarantees a high level of visual comfort with a thermoplastic high definition lens. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

Installation

On a low voltage Filorail track. A tool-free system for connecting the product electrically and mechanically to the track.

Colour

White (01) | Black (04)

Weight (Kg)

0.05

Mounting

Low voltage track

Wiring

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

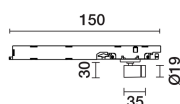
Notes

The miniaturized projectors use the DALI Broadcast protocol and can only be installed on the straight section of the track.

Complies with EN60598-1 and pertinent regulations



IP20



Technical data

Im system:	109.8	MacAdam Step:	2
W system:	3.4	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25C)
Im source:	180	Voltage [Vin]:	48
W source:	2	Lamp code:	LED
Luminous efficiency (Im/W, real value):	32.29	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]:	0.0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	61	LED current [mA]:	0.7
Beam angle [°]:	14°	Power factor:	See installation instructions
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3500	Control:	PWM