

Palco Low Voltage

Design Artec
Studio

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Product configuration: PU49

PU49: Palco LV spotlight Ø 37 - Flood beam



Product code

PU49: Palco LV spotlight Ø 37 - Flood beam

Technical description

Miniaturised adjustable spotlight with adapter for installation on a 48V Filorail low voltage track. Made of die-cast aluminium with 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. 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.

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)

0.1

Mounting

Low voltage track

Wiring

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

Notes

Technical and anti-glare accessories available.

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: | 510.0 | MacAdam Step: | 2 |
| W system: | 9.6 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25C) |
| Im source: | 850 | Voltage [Vin]: | 48 |
| W source: | 8.1 | Lamp code: | LED |
| Luminous efficiency (Im/W, real value): | 53.13 | 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.) [%]: | 60 | LED current [mA]: | 0.65 |
| Beam angle [°]: | 45° | Power factor: | See installation instructions |
| CRI: | 90 | Overvoltage protection: | 0kV Common mode & 0kV Differential mode |
| Colour temperature [K]: | 4000 | Control: | PWM |