

Palco Low Voltage

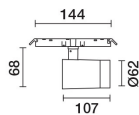
Design Artec
Studio

iGuzzini

Last information update: August 2025

Product configuration: QP10.01

QP10.01: Palco LV spotlight Ø 62 - Medium beam - 19.5W 1677lm - 3000K - CRI 90 - White



Product code

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Technical description

Adjustable spotlight with adapter for installation on 48V low voltage track. Made of die-cast aluminium with passive dissipation system. 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 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. Superpure aluminium reflector with high definition OPTI BEAM technology. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

Installation

Mechanical fastening with adapter on track.

Colour

White (01)

Weight (Kg)

0.41

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.

Notes

Technical and anti-glare accessories available; with option of the combined installation of two internal accessories.

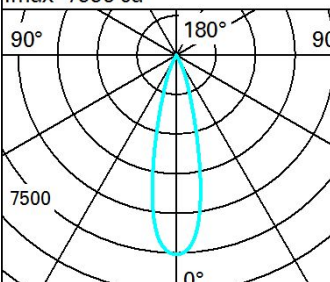
Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|--|------|---------------------------------------|---|
| Im system: | 1677 | MacAdam Step: | 2 |
| W system: | 19.5 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Im source: | 2150 | Voltage [Vin]: | 48 |
| W source: | 18 | Lamp code: | LED |
| Luminous efficiency (Im/W, real value): | 86 | 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.) [%]: | 78 | LED current [mA]: | 520 |
| Beam angle [°]: | 26° | Power factor: | See installation instructions |
| CRI (minimum): | 90 | Minimum dimming %: | 5 |
| Rf (Colour Fidelity Index): | 92 | Overvoltage protection: | 2kV Common mode & 1kV Differential mode |
| Rg (Gamut Index): | 99 | Dimming mode: | CCR |
| Colour temperature [K]: | 3000 | Control: | DALI |

Polar

| I _{max} =7556 cd | | Lux | | | |
|---|--|-----|-----|------|------|
|  | | h | d | Em | Emax |
| | | 1 | 0.5 | 6080 | 7556 |
| | | 2 | 0.9 | 1520 | 1889 |
| | | 3 | 1.4 | 676 | 840 |
| | | 4 | 1.8 | 380 | 472 |
| α = 26° | | | | | |

Isolux

