# Palco Low Voltage

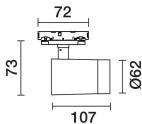| Design Artec Studio | iGuzzini |
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Last information update: April 2025

**Product configuration: PU88**
PU88: Palco LV spotlight Ø 62 - Flood beam

**Product code**
PU88: Palco LV spotlight Ø 62 - Flood beam

**Technical description**
Adjustable spotlight with adapter for installation on a 48V Filorail low voltage track. The thermoplastic adapters are designed so they can be installed even in the curved track sections. Die-cast aluminium body with an ideal passive dissipation system to guarantee a long life and effective heat management. Driver circuit with DALI Powerline technology that allows each spotlight on the track to be adjusted independently. This offers a remarkable level of flexibility and lighting control. 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 efficiency OPTI BEAM technology. 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.
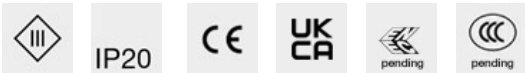
| Colour | Weight (Kg) |
|---|---|
| White (01) \| Black (04) | 0.35 |

**Mounting**
Low voltage track

**Wiring**
LED driver integrated in product body - 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**

| | | | |
|---|---|---|---|
| lm system: | 1677.0 | MacAdam Step: | 2 |
| W system: | 19.6 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25C) |
| lm source: | 2150 | Voltage [Vin]: | 48 |
| W source: | 18 | Lamp code: | LED |
| Luminous efficiency (lm/W, real value): | 85.56 | Number of lamps for optical assembly: | 1 |
| lm 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.) [%]: | 78 | LED current [mA]: | 0.52 |
| | | Power factor: | See installation instructions |
| Beam angle [°]: | 26° | Overvoltage protection: | 0kV Common mode & 0kV Differential mode |
| CRI: | 90 | | |
| Colour temperature [K]: | 3000 | Control: | DALI |