

## Palco Low Voltage

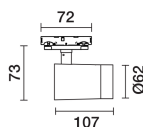
Design Artec  
Studio

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### Product configuration: PU94

PU94: Palco LV spotlight Ø 62 - Wide Flood beam



### Product code

PU94: Palco LV spotlight Ø 62 - Wide 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

White (01) | Black (04)

### Weight (Kg)

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



IP20



### Technical data

|  |        |                                       |   |
|--|--------|---------------------------------------|---|
| Im system:   | 1777.5 | MacAdam Step:                         | 2                                       |
| W system:  | 19.6   | Life Time LED 1:                      | > 50,000h - L90 - B10 (Ta 25C)          |
| Im source:   | 2250   | Voltage [Vin]:                        | 48                                      |
| W source:  | 18     | Lamp code:                            | LED                                     |
| Luminous efficiency (Im/W, real value):            | 90.69  | 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.) [%]:                   | 79     | LED current [mA]:                     | 0.52                                    |
| Beam angle [°]:                                    | 42°    | Power factor:                         | See installation instructions           |
| CRI:   | 90     | Overvoltage protection:               | 0kV Common mode & 0kV Differential mode |
| Colour temperature [K]:                            | 3500   | Control:                              | DALI                                    |