

Last information update: April 2025

**Product configuration: 942A**

942A: Palco LV spotlight Ø 19 - medium beam - DALI Powerline



**Product code**

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**Technical description**

Miniaturised adjustable spotlight with adapter for installation on 48V low voltage track. Made of die-cast zamak with a 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 with a thermoplastic high definition lens. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

**Installation**

An adapter is used to fix the device mechanically and tool-free to the 48V track.

**Colour**

White (01) | Black (04)

**Weight (Kg)**

0.06

**Mounting**

Low voltage track

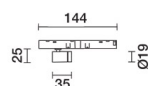
**Wiring**

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

Complies with EN60598-1 and pertinent regulations



IP20



**Technical data**

|  |       |                                       |   |
|--|-------|---------------------------------------|---|
| Im system:   | 134.0 | Life Time LED 1:                      | > 50,000h - L80 - B10 (Ta 25C)          |
| W system:  | 3.4   | Voltage [Vin]:                        | 48                                      |
| Im source:   | 200   | Lamp code:                            | LED                                     |
| W source:  | 2     | Number of lamps for optical assembly: | 1                                       |
| Luminous efficiency (lm/W, real value):            | 39.41 | ZVEI Code:                            | LED                                     |
| Im in emergency mode:                              | -     | Number of optical assemblies:         | 1                                       |
| Total light flux at or above an angle of 90° [Lm]: | 0.0   | LED current [mA]:                     | 0.7                                     |
| Light Output Ratio (L.O.R.) [%]:                   | 67    | Power factor:                         | See installation instructions           |
| Beam angle [°]:                                    | 24°   | Minimum dimming %:                    | 5                                       |
| CRI:   | 90    | Overvoltage protection:               | 0kV Common mode & 0kV Differential mode |
| Colour temperature [K]:                            | 3500  | Control:                              | DALI                                    |
| MacAdam Step:                                      | 2     |                                       |   |