

Palco Low Voltage

Design Artec
Studio

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Last information update: May 2025

Product configuration: 992A.01

992A.01: Palco LV spotlight Ø 62 - Spot beam - DALI Powerline - 18.1W 1309lm - 3500K - 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. OPTI BEAM LENS lighting system with hi-tech optic lens that creates a particularly well-defined light beam. 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)

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.

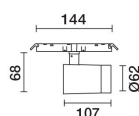
Notes

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

Complies with EN60598-1 and pertinent regulations



IP20



Technical data

lm system:	1309	MacAdam Step:	2
W system:	18.1	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	1700	Voltage [Vin]:	48
W source:	17	Lamp code:	LED
Luminous efficiency (lm/W, real value):	72.3	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	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	77	LED current [mA]:	450
Beam angle [°]:	15°	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	5
Rf (Colour Fidelity Index):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rg (Gamut Index):	98	Dimming mode:	CCR
Colour temperature [K]:	3500	Control:	DALI

Polar

