

Last information update: April 2025

**Product configuration: 963A**

963A: Palco LV spotlight Ø 37 - medium beam - DALI Powerline



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**Technical description**

Miniaturised 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. Thermoplastic high definition lens with extra filter for variable optic. 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)**

0.1

**Mounting**

Low voltage track

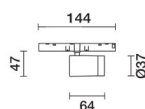
**Wiring**

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.

Complies with EN60598-1 and pertinent regulations



**Technical data**

Im system:	564.4	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	9.6	Voltage [Vin]:	48
Im source:	830	Lamp code:	LED
W source:	8.1	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	58.79	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]:	0.65
Light Output Ratio (L.O.R.) [%]:	68	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		