

Palco Low Voltage

Design Artec
Studio

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Last information update: June 2025

Product configuration: Q630.01

Q630.01: Palco LV spotlight Ø 37 - spot beam - 9.6W 474lm - 3000K - CRI 90 - White



Product code

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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 mounted on the track to be regulated 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

Mechanical fastening with adapter on track.

Colour

White (01)

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.

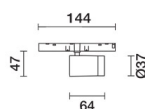
Notes

Technical and anti-glare accessories available.

Complies with EN60598-1 and pertinent regulations



IP20



Technical data

Im system:	474	MacAdam Step:	2
W system:	9.6	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	790	Lamp code:	LED
W source:	8.1	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	49.4	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	LED current [mA]:	650
Light Output Ratio (L.O.R.) [%]:	60	Power factor:	See installation instructions
Beam angle [°]:	16°	Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3000	Control:	DALI

Polar

Imax=4183 cd		Lux			
90°	180°	90°	h	d	Em Emax
			2	0.5	780 1046
			4	1.1	195 261
			6	1.6	87 116
			8	2.2	49 65
α = 15°					