

Palco Low Voltage

Design Artec
Studio

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Product configuration: Q628.01

Q628.01: Palco LV spotlight 2 x Ø 19 - spot beam - 5.4W 219.6lm - 2700K - CRI 90 - White



Product code

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Technical description

Lighting assembly consisting of two miniaturised adjustable spotlights with adapter for installation on 48V low voltage track. Spotlight bodies 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 mounted on the track to be regulated separately. In the model where the spotlights are mounted in pairs, any regulations are applied to both of them. The spotlight swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. The set back position of the optic units guarantees a high level of visual comfort with thermoplastic high definition lenses. 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)

0.09

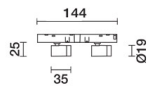
Mounting

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



Technical data

Im system:	220	MacAdam Step:	2
W system:	5.4	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Im source:	180	Lamp code:	LED
W source:	2	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	40.7	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	2
Total light flux at or above an angle of 90° [Lm]:	0	LED current [mA]:	700
Light Output Ratio (L.O.R.) [%]:	61	Power factor:	See installation instructions
Beam angle [°]:	14°	Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	2700	Control:	DALI

Polar

Imax=1321 cd		Lux			
90°	180°	90°	h	d	Em Emax
			1	0.2	1000 1321
			2	0.5	250 330
			3	0.7	111 147
			4	0.9	62 83
α = 13° / 14°					