

Palco Low Voltage

Design Artec
Studio

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Product configuration: Q642

Q642: Palco LV spotlight Ø 19 - horizontal rod - medium beam



Product code

Q642: Palco LV spotlight Ø 19 - horizontal rod - medium beam

Technical description

Miniaturised adjustable spotlight with a cantilever horizontal rod. This solution is ideal for lighting paintings and vertical surfaces efficiently. Adapter for a 48V low voltage track integrated in a die-cast zamak structure with a safety system for securing it to the track. Aluminium support rod with adjustable -10° / +45° tilting and mechanical locking. The swivel joint at the end of the rod allows the spotlight to be rotated horizontally by 90° in the opposite direction and tilted vertically by 0° - 90°. The optic unit is in a set back position with a plastic high definition lens. 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.

Installation

The structure is secured mechanically to the track with an adapter and a "turn & block" safety system.

Colour

White (01) | Black (04)

Weight (Kg)

0.19

Mounting

Low voltage track

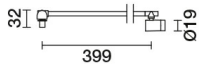
Wiring

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:	127	MacAdam Step:	2
W system:	3.4	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Im source:	190	Lamp code:	LED
W source:	2	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	37.4	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]:	700
Light Output Ratio (L.O.R.) [%]:	67	Power factor:	See installation instructions
Beam angle [°]:	24°	Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3000	Control:	DALI

Polar

Imax=660 cd		Lux				
90°	180°	90°	h	d	Em	Emax
		1	0.4	542	660	
		2	0.9	135	165	
		3	1.3	60	73	
		4	1.7	34	41	
α=24°						