

## Palco Low Voltage

Design Artec  
Studio

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### Product configuration: Q646

Q646: Palco LV spotlight Ø 37 - horizontal rod - medium beam



### Product code

Q646: Palco LV spotlight Ø 37 - 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)

0.2

### Mounting

Low voltage track

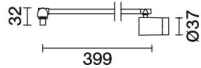
### Wiring

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:	517	MacAdam Step:	2
W system:	9.6	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	760	Lamp code:	LED
W source:	8.1	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	53.8	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.) [%]:	68	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]:	2700	Control:	DALI

### Polar

Imax=2541 cd C0-180		Lux				
90°	180°	90°	h	d1	d2	Em Emax
			2	0.9	0.9	508 635
			4	1.7	1.7	127 159
			6	2.6	2.6	56 71
			8	3.4	3.4	32 40