

## Palco Low Voltage

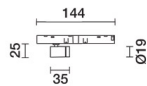
Design Artec  
Studio

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Last information update: April 2025

### Product configuration: Q623.01

Q623.01: Palco LV spotlight Ø 19 - medium beam - 3.4W 127.3lm - 3000K - CRI 90 - White



### Product code

Q623.01: Palco LV spotlight Ø 19 - medium beam - 3.4W 127.3lm - 3000K - CRI 90 - White

### Technical description

Miniaturised adjustable spotlight with adapter for installation on 48V low voltage track. 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. 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 with a thermoplastic high definition lens. 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)

0.06

### 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:	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 (lm/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°	h	d	Em	Emax
		1	0.4	542	660
		2	0.8	135	165
		3	1.3	60	73
		4	1.7	34	41
$\alpha=24^\circ$					