

Palco Low Voltage

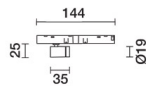
Design Artec
Studio

iGuzzini

Last information update: April 2024

Product configuration: Q624

Q624: Palco LV spotlight Ø 19 - spot beam



Product code

Q624: Palco LV spotlight Ø 19 - spot beam

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) | Black (04)

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



IP20



Technical data

Im system:	110	MacAdam Step:	2
W system:	3.4	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):	32.3	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.) [%]:	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°	h	d	Em	Emax
		1	0.2	1000	1321
		2	0.5	250	330
		3	0.7	111	147
		4	1	62	83
α = 14°					