

Palco Low Voltage

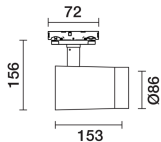
Design Artec
Studio

iGuzzini

Last information update: October 2025

Product configuration: PV22.01

PV22.01: Palco LV spotlight Ø 86 - Flood beam - 25.5W 2457lm - 3000K - CRI 90 - White



Product code

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Technical description

Adjustable spotlight with adapter for installation on a 48V Filorail low voltage track. The thermoplastic adapters are designed so they can be installed even in the curved track sections. Die-cast aluminium body with an ideal passive dissipation system to guarantee a long life and effective heat management. Driver circuit with DALI Powerline technology that allows each spotlight on the track to be adjusted independently. This offers a remarkable level of flexibility and lighting control. 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. Superpure aluminium reflector with high efficiency OPTI BEAM technology. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

Installation

On a low voltage Filorail track. A tool-free system for connecting the product electrically and mechanically to the track.

Colour

White (01)

Weight (Kg)

0.78

Mounting

Low voltage track

Wiring

LED driver integrated in product body - direct connection on 48V track. Track power supply unit to be ordered separately.

Notes

Technical and anti-glare accessories available; with option of the combined installation of two internal accessories.

Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	2457	Colour temperature [K]:	3000
W system:	25.5	MacAdam Step:	2
lm source:	3150	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	24	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	96.4	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	78	Number of optical assemblies:	1
Beam angle [°]:	32°	LED current [mA]:	700
CRI (minimum):	90	Power factor:	See installation instructions
Rf (Colour Fidelity Index):	92	Control:	DALI
Rg (Gamut Index):	99		

Polar

Imax=8031 cd		Lux			
90°	180°	h	d	Em	Emax
		8	4.5	100	125
		16	9	25	31
		24	13.4	11	14
		32	17.9	6	8
$\alpha = 31^\circ$					

Isolux

