Palco Low Voltage

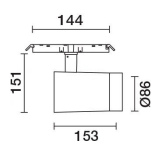**Design Artec Studio**   **iGuzzini**

Last information update: February 2025

Product configuration: QP17.01
QP17.01: Palco LV spotlight Ø 86 - Wide Flood beam - 21.9W 2400lm - 4000K - White

Product code
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Technical description
Adjustable spotlight with adapter for installation on 48V low voltage track. Made of die-cast aluminium with 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 on the track to be adjusted 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. Superpure aluminium reflector with high definition OPTI BEAM technology. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

Installation
Mechanical fastening with adapter on track.

Colour	**Weight (Kg)**
White (01)	0.7

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.

Notes
Technical and anti-glare accessories available; with option of the combined installation of two internal accessories.
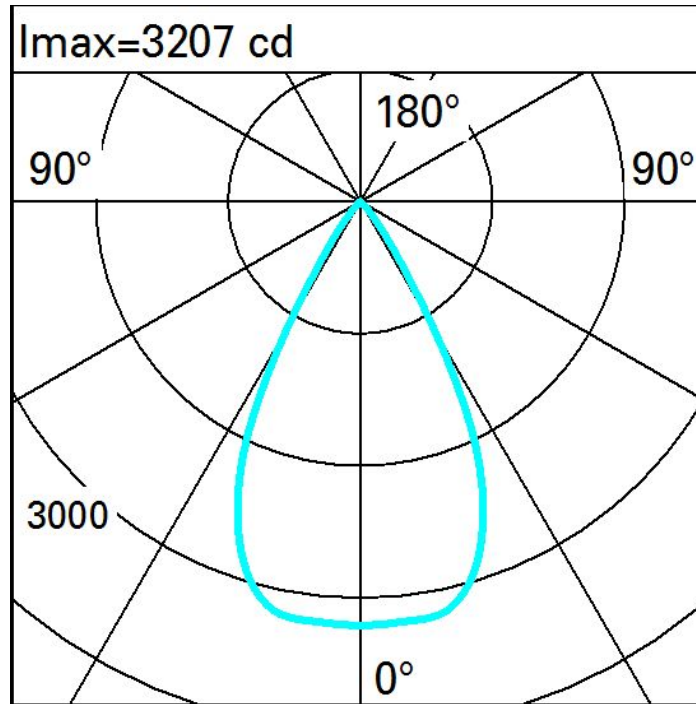
Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	2400	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	21.9	Voltage [Vin]:	48
lm source:	3200	Lamp code:	LED
W source:	20	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	109.6	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	LED current [mA]:	590
Light Output Ratio (L.O.R.) [%]:	75	Power factor:	See installation instructions
		Minimum dimming %:	5
Beam angle [°]:	56°	Overvoltage protection:	2kV Common mode & 1kV Differential mode
CRI (minimum):	80		
Colour temperature [K]:	4000	Dimming mode:	CCR
MacAdam Step:	2	Control:	DALI

Polar

Imax=3207 cd

90°   180°   90°

3000

0°

Illuminances

Lux											Wall distance = 1m

m	-2		-1		0		1		2		3
3											
	0.1	0.2	0.6	1	0.6	0.2	0.1			
2	0.1	0.2	0.6	4	10	4	0.6	0.2	0.1	
	0.1	0.8	6	38	76	38	6	0.8	0.1	
1	0.1	0.6	4	25	98	165	98	25	4	0.6	0.1
	0.4	2	12	49	107	134	107	49	12	2	0.4
0											