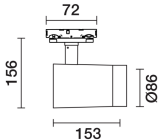


Palco Low Voltage

Last information update: April 2025

**Product configuration: PV18**  
PV18: Palco LV spotlight Ø 86 - Medium beam



**Product code**  
PV18: Palco LV spotlight Ø 86 - Medium beam

**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.

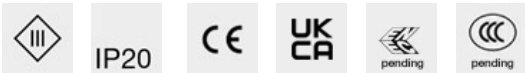
<b>Colour</b>	<b>Weight (Kg)</b>
White (01)   Black (04)	0.78

**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			
Im system:	2511.6	MacAdam Step:	2
W system:	25.5	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
Im source:	3220	Voltage [Vin]:	48
W source:	24	Lamp code:	LED
Luminous efficiency (Im/W, real value):	98.49	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0.0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	78	LED current [mA]:	0.7
Beam angle [°]:	18°	Power factor:	See installation instructions
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3500	Control:	DALI