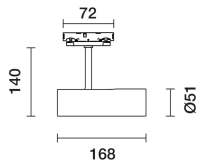


Last information update: June 2025

**Product configuration: PV85.01**

PV85.01: Robin spotlight Ø51 for installation on a 48V low voltage track - DALI Powerline - 18W 1260lm - 3000K - CRI 90 - White

**Product code**

PV85.01: Robin spotlight Ø51 for installation on a 48V low voltage track - DALI Powerline - 18W 1260lm - 3000K - CRI 90 - White

**Technical description**

Miniaturised 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 160°. The set back position of the optic unit guarantees a high level of visual comfort. A high definition thermoplastic lens with the option of using additional accessories to create other light effects. 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)**  
0.45

**Wiring**

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

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	1260	Colour temperature [K]:	3000
W system:	18	MacAdam Step:	2
lm source:	1640	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	17	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	70	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.) [%]:	77	Number of optical assemblies:	1
Beam angle [°]:	15°	Power factor:	See installation instructions
CRI (minimum):	90	Control:	DALI

**Polar**

Imax=13576 cd		Lux			
h	d	Em	Emax		
2	0.5	2612	3394		
4	1.1	653	848		
6	1.6	290	377		
8	2.1	163	212		

 $\alpha = 15^\circ$