Last information update: March 2025

Product configuration: PV63

PV63: Robin spotlight Ø37 for installation on a 48V low voltage track - DALI Powerline



Product code

PV63: Robin spotlight Ø37 for installation on a 48V low voltage track - DALI Powerline

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	Weight (Kg)
White (01) Black (04)	0.2



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 Im system:				
W system: 10.9 MacAdam Step: 2 Im source: 960 Life Time LED 1: > 50,000h - L90 - B10 (Ta 2: Left Time LED 1: W source: 9.6 Voltage [Vin]: 48 Luminous efficiency (Im/W, 52.8 real value): Lamp code: LED Im in emergency mode: - assembly: Total light flux at or above an angle of 90° [Lm]: 2VEI Code: LED Number of optical assemblies: 1 [%]: Power factor: See installation instructions Beam angle [°]: 16° Control: DALI	Technical data			
Im source: 960 Life Time LED 1: > 50,000h - L90 - B10 (Ta 2: W source: 9.6 Voltage [Vin]: 48 Luminous efficiency (Im/W, real value): 52.8 Lamp code: LED Number of lamps for optical 1 Im in emergency mode: - assembly: Total light flux at or above an angle of 90° [Lm]: Number of optical 1 Light Output Ratio (L.O.R.) 60 assemblies: [%]: Power factor: See installation instructions Beam angle [°]: 16° Control: DALI	Im system:	576	Colour temperature [K]:	4000
W source: 9.6 Voltage [Vin]: 48 Luminous efficiency (Im/W, 52.8 Lamp code: LED real value): Number of lamps for optical 1 Im in emergency mode: - assembly: Total light flux at or above 0 ZVEI Code: LED nangle of 90° [Lm]: Number of optical 1 Light Output Ratio (L.O.R.) 60 assemblies: [%]: Power factor: See installation instructions Beam angle [°]: 16° Control: DALI	W system:	10.9	MacAdam Step:	2
Luminous efficiency (Im/W, real value): Im in emergency mode: Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 60 Beam angle [°]: Lamp code: Number of lamps for optical 1 assembly: ZVEI Code: Number of optical 1 assemblies: Power factor: See installation instructions Control: DALI	Im source:	960	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
real value): Im in emergency mode: Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 60 Beam angle [°]: Number of lamps for optical assembly: ZVEI Code: Number of optical 1 assemblies: Power factor: See installation instructions Control: DALI	W source:	9.6	Voltage [Vin]:	48
Im in emergency mode: - Total light flux at or above an angle of 90° [Lm]: 0 Light Output Ratio (L.O.R.) 60 Beam angle [°]: 16° Assembly: ZVEI Code: LED Number of optical 1 assemblies: Power factor: See installation instructions Control: DALI	Luminous efficiency (lm/W,	52.8	Lamp code:	LED
Total light flux at or above 0 ZVEI Code: LED an angle of 90° [Lm]: Number of optical 1 Light Output Ratio (L.O.R.) 60 assemblies: [%]: Power factor: See installation instructions Beam angle [°]: 16° Control: DALI	real value):		Number of lamps for optical	1
an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 60 assemblies: [%]: Power factor: See installation instructions Beam angle [°]: 16° Control: DALI	Im in emergency mode:	-	assembly:	
Light Output Ratio (L.O.R.) 60 assemblies: [%]: Power factor: See installation instructions Beam angle [°]: 16° Control: DALI		0	ZVEI Code:	LED
[%]: Power factor: See installation instructions Beam angle [°]: 16° Control: DALI	0 1 1		•	1
Beam angle [°]: 16° Control: DALI	Light Output Ratio (L.O.R.) 60 assemblies:		assemblies:	
Control.	• •		Power factor:	See installation instructions
CRI (minimum): 90	Beam angle [°]:	16°	Control:	DALI
	CRI (minimum):	90		

Polar

Imax=5083 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	2	0.5	948	1271
	4	1.1	237	318
4500	6	1.6	105	141
α=15°	8	2.2	59	79