Robin

Design Matteo Thun **iGuzzini**

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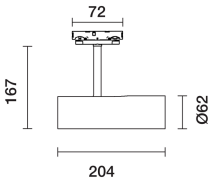
Product configuration: PW18.01
PW18.01: Robin spotlight Ø62 for installation on a 48V low voltage track - DALI Powerline - 20.1W 1447.6lm - 3500K - CRI 90 - White



Product code
PW18.01: Robin spotlight Ø62 for installation on a 48V low voltage track - DALI Powerline - 20.1W 1447.6lm - 3500K - 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	Weight (Kg)
White (01)	0.75

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

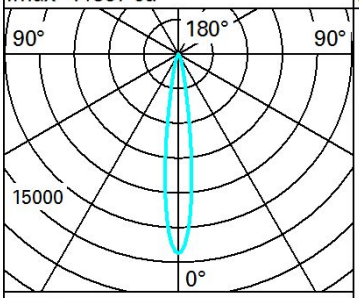
Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	1448	Colour temperature [K]:	3500
W system:	20.1	MacAdam Step:	2
lm source:	1880	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	19	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	72	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=14357 cd



α = 15°

Lux

h	d	Em	Emax
2	0.5	2892	3589
4	1	723	897
6	1.6	321	399
8	2.1	181	224