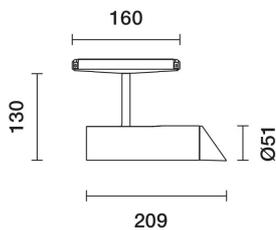


Last information update: March 2025

Product configuration: 100B

100B: Robin spotlight Ø51 for installation on a 48V low voltage track - DALI Powerline - Wall Washer

**Product code**

100B: Robin spotlight Ø51 for installation on a 48V low voltage track - DALI Powerline - Wall Washer

Technical description

Miniaturised 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 Powerline dimmable function. Integrated «power line» technology allows each spotlight on the track to be adjusted separately. Thermoplastic high definition lens with extra filter for variable optic. The swivel joints allow the spotlight to be rotated by 360° and tilted by 160° with the option of installing the spotlight on a 48V track in both an "up" and "down" position. Asymmetric screen designed to create a homogeneous effect on walls from top to bottom - when installed in the down position - as well as avoiding shadow zones near the ceiling. The wall washer can also be installed in the "up" position to create unconventional lighting scenarios. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. The 48V track coupling device is fitted with a mechanical anti-fall safety double block.

Installation

An adapter is used to fix the device mechanically and tool-free to the 48V track.

Colour

White (01) | Black (04)

Weight (Kg)

0.49

Mounting

Low voltage track

Wiring

Driver DC/DC with a DALI Powerline dimmable function - direct connection on 48V track. Track power supply unit to be ordered separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	323.17	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	18.3	Voltage [Vin]:	48
lm source:	1700	Lamp code:	LED
W source:	17	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	17.66	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0.0	LED current [mA]:	0.45
Light Output Ratio (L.O.R.) [%]:	19	Power factor:	See installation instructions
Beam angle [°]:	34° / 36°	Minimum dimming %:	5
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3500	Dimming mode:	CCR
MacAdam Step:	2	Control:	DALI