

Last information update: March 2025

**Product configuration: 087B**

087B: Robin spotlight Ø62 for installation on a 48V low voltage track - DALI Powerline

**Product code**

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**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. 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. 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. 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)**

0.73

**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:	1463.0	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	20.7	Voltage [Vin]:	48
lm source:	1900	Lamp code:	LED
W source:	19	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	70.68	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	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	77	Minimum dimming %:	5
Beam angle [°]:	15°	Overvoltage protection:	0kV Common mode & 0kV Differential mode
CRI:	90	Dimming mode:	CCR
Colour temperature [K]:	3500	Control:	DALI
MacAdam Step:	2		