Robin

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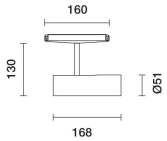
Product configuration: 082B
082B: Robin spotlight Ø51 for installation on a 48V low voltage track - BLE Casambi

Product code
082B: Robin spotlight Ø51 for installation on a 48V low voltage track - BLE Casambi

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 and Bluetooth protocol. 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. Integrated «Bluetooth Casambi» technology allows each light module inserted on the track to be adjusted independently. Bluetooth Low Energy (Casambi) technology. Frequency 2.4 GHz BLE. The luminaire can be controlled with the Casambi App that enables on-off, dimming and scene recall functions. The app is available on the Apple Store and Google Play Store. It can be integrated in the system's "Mesh" network that allows multiple luminaires to be controlled. OTA (over the air) update via app. Integrated Beacon that can be activated via Smart Light Control (iBeacon) that enables functions including push notification and indoor navigation-wayfinding.



Installation
An adapter is used to fix the device mechanically and tool-free to the 48V track. Max luminaire-luminaire distance (*): 8 m; max smartphone-luminaire distance (*): 20 m.

Colour	Weight (Kg)
White (01) | Black (04)	0.46

Wiring
Direct connection on 48V track. Track power supply unit to be ordered separately. Luminaire can be controlled with Bluetooth technology (Casambi)

Notes
(*) The maximum distance for Bluetooth installations is affected by physical obstacles, like walls, metal panels and the layout of the system. We suggest that a test is conducted at the installation site.

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	1189.47	MacAdam Step:	2
W system:	18.5	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
lm source:	1550	Voltage [Vin]:	48
W source:	17	Lamp code:	LED
Luminous efficiency (lm/W, real value):	64.3	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0.0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	77	Power factor:	See installation instructions
		Minimum dimming %:	1
Beam angle [°]:	27°	Overvoltage protection:	0kV Common mode & 0kV Differential mode
CRI:	90		
Colour temperature [K]:	2700	Control:	Casambi