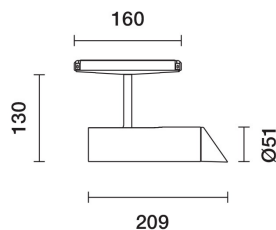


Last information update: March 2025

**Product configuration: 101B**

101B: Robin spotlight Ø51 for installation on a 48V low voltage track - Wall Washer - BLE Casambi

**Product code**

101B: Robin spotlight Ø51 for installation on a 48V low voltage track - Wall Washer - 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. 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. 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**  
White (01) | Black (04)

**Weight (Kg)**  
0.49

**Mounting**

Low voltage track

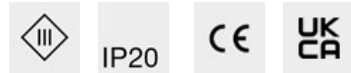
**Wiring**

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**

Im system:	323.17	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	18.4	Voltage [Vin]:	48
Im source:	1700	Lamp code:	LED
W source:	17	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	17.56	ZVEI Code:	LED
Im 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 %:	1
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3500	Control:	Casambi
MacAdam Step:	2		