

Last information update: May 2025

Product configuration: 231B+PB47

231B: LED STICK with no screen for Superrail 48V track - BLE Casambi - L 310

**Product code**

231B: LED STICK with no screen for Superrail 48V track - BLE Casambi - L 310

Technical description

Linear lighting product with no polycarbonate screen - with white monochrome LEDs - complete with adapter for installation on a Superrail 48V track. The adapter made of a thermoplastic material includes the DC/DC driver circuit and Bluetooth protocol. 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. Main body made of extruded aluminium. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

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)

Weight (Kg)
0.16

Mounting

Low voltage track

Wiring

Direct connection on 48V track. Track power supply unit to be ordered separately. Luminaire that 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. Technical and anti-glare accessories available; with option of the combined installation of two internal accessories.

Complies with EN60598-1 and pertinent regulations



IP20

**Technical data**

Im system:	460.8	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	6.9	Voltage [Vin]:	48
Im source:	960	Lamp code:	LED
W source:	5.7	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	66.78	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]:	0.0875
Light Output Ratio (L.O.R.) [%]:	48	Power factor:	See installation instructions
Beam angle [°]:	112°	Minimum dimming %:	1
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3500	Control:	Casambi
MacAdam Step:	3		