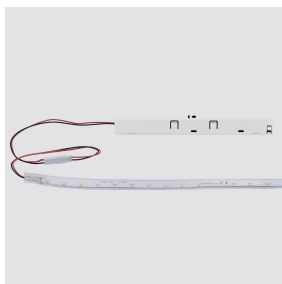


Last information update: June 2025

Product configuration: 245B.00

245B.00: LED STRIP for Superrail LV track - BLE Casambi - BLE Casambi - L 300 - 4.6W 498.8lm - 4000K - CRI 90 - Indeterminate

**Product code**

245B.00: LED STRIP for Superrail LV track - BLE Casambi - BLE Casambi - L 300 - 4.6W 498.8lm - 4000K - CRI 90 - Indeterminate

Technical description

Linear lighting product - with white monochrome LEDs - on a flexible white circuit coated with a layer of silicone and complete with adapter for installation on a Superrail 48V track. One end of the circuit is fitted with a connector for connecting it to the adapter. The connector has an IP20 protection rating, therefore we recommend that the strips are used indoors. 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. Ballasts to be ordered separately

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)

0.03

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

**Technical data**

| | | | |
|--|-------|---------------------------------------|---------------------------------|
| Im system: | 499 | MacAdam Step: | 3 |
| W system: | 4.6 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Im source: | 580 | Voltage [Vin]: | 48 |
| W source: | 3.4 | Lamp code: | LED |
| Luminous efficiency (Im/W, real value): | 108.4 | Number of lamps for optical assembly: | 1 |
| Im in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 499 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 86 | LED current [mA]: | 59 |
| CRI (minimum): | 90 | Power factor: | See installation instructions |
| Rf (Colour Fidelity Index): | 88 | Minimum dimming %: | 1 |
| Rg (Gamut Index): | 95 | Control: | Casambi |
| Colour temperature [K]: | 4000 | | |

Polar

| Imax=191 cd | | Lux | | | |
|-------------|---|------|-----|------|--|
| | h | d | Em | Emax | |
| | 1 | 2.8 | 111 | 191 | |
| | 2 | 5.7 | 28 | 48 | |
| | 3 | 8.5 | 12 | 21 | |
| | 4 | 11.4 | 7 | 12 | |

