

Last information update: March 2025

**Product configuration: 953A**

953A: Palco LV spotlight 2 x Ø 19 - spot beam - BLE Casambi



**Product code**

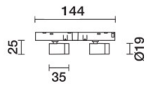
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**Technical description**

Lighting assembly consisting of two miniaturised adjustable spotlights with adapter for installation on 48V low voltage track. Spotlight bodies made of die-cast zamak with a passive dissipation system. The adapter made of a thermoplastic material includes the DC/DC driver circuit and Bluetooth protocol; and in the paired projectors model any adjustments are synchronised on both lighting bodies. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. The spotlight swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. The set back position of the optic units guarantees a high level of visual comfort with thermoplastic high definition lenses. Luminaire with Bluetooth Low Energy technology (Casambi). 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)**

0.09

**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 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:   | 244.0 | Life Time LED 1:                      | > 50,000h - L80 - B10 (Ta 25C)          |
| W system:  | 5.7   | Voltage [Vin]:                        | 48                                      |
| Im source:   | 200   | Lamp code:                            | LED                                     |
| W source:  | 2     | Number of lamps for optical assembly: | 1                                       |
| Luminous efficiency (Im/W, real value):            | 42.81 | ZVEI Code:                            | LED                                     |
| Im in emergency mode:                              | -     | Number of optical assemblies:         | 2                                       |
| Total light flux at or above an angle of 90° [Lm]: | 0.0   | LED current [mA]:                     | 0.7                                     |
| Light Output Ratio (L.O.R.) [%]:                   | 61    | Power factor:                         | See installation instructions           |
| Beam angle [°]:                                    | 14°   | Minimum dimming %:                    | 1                                       |
| CRI:   | 90    | Overvoltage protection:               | 0kV Common mode & 0kV Differential mode |
| Colour temperature [K]:                            | 3500  | Control:                              | Casambi                                 |
| MacAdam Step:                                      | 2     |                                       |   |