

## Palco Low Voltage

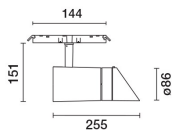
Design Artec  
Studio

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Last information update: June 2025

### Product configuration: 031B

031B: Palco LV spotlight Ø 86 - Wall Washer - BLE Casambi



### Product code

031B: Palco LV spotlight Ø 86 - Wall Washer - BLE Casambi

### Technical description

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. Integrated «Bluetooth Casambi» technology allows each light module on the track to be adjusted separately. The swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. Superpure aluminium reflector with high definition OPTI BEAM technology. Asymmetric screen designed to create a homogeneous effect on walls from top to bottom and avoid shadow zones near the ceiling. 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. 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)

0.75

### 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

To optimize vertical illumination consult the installation distance recommendations in the instructions sheet. (\*) 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



IP20



### Technical data

|  |           |   |   |
|--|-----------|---|---|
| Im system:   | 1312.32   | Life Time LED 1:                        | > 50,000h - L90 - B10 (Ta 25C)          |
| W system:  | 26.5      | Voltage [Vin]:                          | 48                                      |
| Im source:   | 3200      | Lamp code:                              | LED                                     |
| W source:  | 24        | Number of lamps for optical 1 assembly: |   |
| Luminous efficiency (Im/W, real value):            | 49.52     | ZVEI Code:                              | LED                                     |
| Im in emergency mode:                              | -         | Number of optical assemblies:           | 1                                       |
| Total light flux at or above an angle of 90° [Lm]: | 0.39      | LED current [mA]:                       | 0.7                                     |
| Light Output Ratio (L.O.R.) [%]:                   | 41        | Power factor:                           | See installation instructions           |
| Beam angle [°]:                                    | 65° / 58° | Minimum dimming %:                      | 1                                       |
| CRI:   | 90        | Overvoltage protection:                 | 0kV Common mode & 0kV Differential mode |
| Colour temperature [K]:                            | 3500      | Control:                                | Casambi                                 |
| MacAdam Step:                                      | 2         |   |   |