

## Palco Low Voltage

Design Artec  
Studio

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### Product configuration: RC24

RC24: Palco LV spotlight 2 x Ø 19 - medium beam - Bluetooth



### Product code

RC24: Palco LV spotlight 2 x Ø 19 - medium beam - Bluetooth **Attention! Code no longer in production**

### 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 (WiSilica). Frequency 2.4 GHz BLE. The luminaire can be controlled with the Quick BLE system and Smart Light Control app that enable 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 (Eddystone, iBeacon, Alt Beacon) 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 (WiSilica)

### 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



IP20



### Technical data

|  |      |                                       |                                 |
|--|------|---------------------------------------|---------------------------------|
| Im system:   | 241  | MacAdam Step:                         | 2                               |
| W system:  | 5.6  | Life Time LED 1:                      | > 50,000h - L80 - B10 (Ta 25°C) |
| Im source:   | 180  | Voltage [Vin]:                        | 48                              |
| W source:  | 1    | Lamp code:                            | LED                             |
| Luminous efficiency (Im/W, real value):            | 43.1 | 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]: | 0    | Number of optical assemblies:         | 2                               |
| Light Output Ratio (L.O.R.) [%]:                   | 67   | LED current [mA]:                     | 700                             |
| Beam angle [°]:                                    | 24°  | Power factor:                         | See installation instructions   |
| CRI (minimum):                                     | 90   | Minimum dimming %:                    | 1                               |
| Colour temperature [K]:                            | 2700 | Control:                              | Bluetooth WiSilica              |

Polar

