

Palco Low Voltage

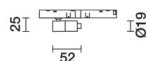
Design Artec
Studio

iGuzzini

Last information update: July 2025

Product configuration: 037B+GOBO_D02+F_1M

037B: Palco LV spotlight Ø 19 - Framer - BLE Casambi



Product code

037B: Palco LV spotlight Ø 19 - Framer - BLE Casambi

Technical description

Miniaturised adjustable projector spotlight with adapter for installation on 48V low voltage 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 on the track to be adjusted separately. Technical body for LED lamp made of die-cast zamak; high definition reflector. The aluminium optical assembly includes a sophisticated telecentric optic system consisting of four anti-reflection treated glass lenses. Black anodised aluminium locknut for manual focusing. The innovative optic system, combined with the option of manual adjustment provides sharp and precise wall illumination with no halo effects or soft edges. The optical assembly is fixed to the technical body with a rapid and practical magnetic system. This solution allows it to be rotated by 360° which increases its versatility considerably. The spotlight that is designed to obtain a precise, circular-shaped beam, is supplied with an integrated Ø 4 mm gobo. The package includes other gobos with different projection diameters - Ø 2-3-5 mm - to satisfy a wide range of aiming requirements. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. 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)
0.08

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 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



Technical data

Im system:	3.8	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25C)
W system:	3.3	Voltage [Vin]:	48
Im source:	190	Lamp code:	LED
W source:	2	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	1.15	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]:	0.7
Light Output Ratio (L.O.R.) [%]:	2	Power factor:	See installation instructions
Beam angle [°]:	8°	Minimum dimming %:	1
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3000	Control:	Casambi
MacAdam Step:	2		