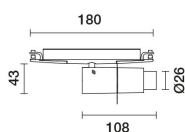


Last information update: February 2025

Product configuration: 048B+GOBO_D05+F_MAX

048B: Palco LV spotlight Ø 37 - Professional Framer with lock and safety fastening - BLE Casambi



Product code

048B: Palco LV spotlight Ø 37 - Professional Framer with lock and safety fastening - BLE Casambi

Technical description

Miniaturised adjustable framer spotlight with adapter for installation on 48V low voltage track - version with mechanical tilt lock and safety fastening on 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. Die-cast aluminium technical body for LED lamp; high definition OptiBeam reflector. The aluminium optical assembly includes a sophisticated telecentric optics system consisting of four anti-reflection-treated glass lenses. Black anodised aluminium locknut for manual focusing. The innovative optical system, combined with the option of manual adjustment and four shaping flaps, allows precise, well-defined wall lighting 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 projector is designed to obtain a square, rectangular or variously irregular beam by manoeuvring the flaps. The package includes two gobos for circular shapes. Fastened mechanically to the track with tool-free safety levers - an external pin that is activated manually allows the inclination of the luminaire to be locked and guarantee stability and high precision aiming. 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

Fastened mechanically to the track with safety levers - Equipped with a manual lock for securing the inclination of the luminaire - Max luminaire-luminaire distance (*): 8 m; max smartphone-luminaire distance (*): 20 m.

Colour

White (01) | Black (04)

Weight (Kg)

0.29

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:	37.5	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	8.0	Voltage [Vin]:	48
Im source:	750	Lamp code:	LED
W source:	6.5	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	4.69	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.) [%]:	5	Power factor:	See installation instructions
Beam angle [°]:	12°	Minimum dimming %:	1
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	4000	Control:	Casambi
MacAdam Step:	2		