

## Palco Low Voltage

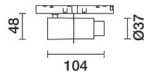
Design Artec  
Studio

iGuzzini

Last information update: March 2025

### Product configuration: 043B+GOBO\_D05+F\_MAX

043B: Palco LV spotlight Ø 37 - Framer - BLE Casambi



### Product code

043B: Palco LV spotlight Ø 37 - 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. 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. 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)

0.19

### 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



IP20



### Technical data

Im system:	33.5	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	8.0	Voltage [Vin]:	48
Im source:	670	Lamp code:	LED
W source:	6.5	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	4.19	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]:	2700	Control:	Casambi
MacAdam Step:	2		