

Palco Low Voltage

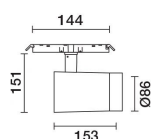
Design Artec
Studio

iGuzzini

Last information update: June 2025

Product configuration: 020B

020B: Palco LV spotlight Ø 86 - Superspot beam - BLE Casambi



Product code

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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°. The set back position of the optic unit guarantees a high level of visual comfort. OPTI BEAM LENS lighting system with hi-tech optic lens that creates a particularly well-defined light beam. When this is combined with OPTI BEAM REFRACTOR accessory screens, alternative light beam opening values can be obtained. 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)

0.7

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. Technical and anti-glare accessories available; with the option of installing an Opti Beam Refractor screen together with an internal accessory.

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	558.6	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	13.2	Voltage [Vin]:	48
Im source:	980	Lamp code:	LED
W source:	11	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	42.32	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]:	0.87
Light Output Ratio (L.O.R.) [%]:	57	Power factor:	See installation instructions
Beam angle [°]:	8°	Minimum dimming %:	1
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	2700	Control:	Casambi
MacAdam Step:	2		