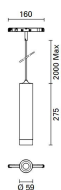


Last information update: March 2025

Product configuration: 181B.43

181B.43: Ø59 Deco - Pendant system for 48V track - BLE Casambi - Flood Beam - 13.9W 901.7lm - 2700K - CRI 90 - Black / Black

**Product code**

181B.43: Ø59 Deco - Pendant system for 48V track - BLE Casambi - Flood Beam - 13.9W 901.7lm - 2700K - CRI 90 - Black / Black

Technical description

Ø59 mm decorative cylindrical pendant system including an adapter for installation on 48V low voltage track ideal for zenithal accent lighting. The adapter made of a thermoplastic material includes the DC/DC driver circuit and Bluetooth protocol. Integrated «Bluetooth Casambi» technology allows each light module inserted on the track to be adjusted independently. Bluetooth Low Energy (Casambi) technology. 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. Fixed optic lighting system with a high definition reflector made of metallised thermoplastic. A decorative terminal element - in thick transparent PMMA - emphasises and elegantly defines light diffusion. Structural cylinder made of painted extruded aluminium with an inner ring made of black thermoplastic. Glass cover PVC power/pendant cable that can be cut to the required length, in the same colour as the external finish. Tool-free electrical and mechanical adapter connection to the track with a tear-proof safety device.

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

Black / Black (43)

Weight (Kg)

0.47

Mounting

lv track pendant

Wiring

Direct connection on 48V track. Track power supply unit to be ordered separately. Luminaire that 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 option of the combined installation of two internal accessories.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	902	MacAdam Step:	2
W system:	13.9	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	1270	Voltage [Vin]:	48
W source:	13	Lamp code:	LED
Luminous efficiency (lm/W, real value):	64.9	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	71	Power factor:	See installation instructions
Beam angle [°]:	38°	Minimum dimming %:	1
CRI (minimum):	90	Control:	Casambi
Colour temperature [K]:	2700		

Polar

Imax=2125 cd		Lux			
90°	180°	90°	h	d	Em Emax
			4	2.8	107 133
			8	5.6	27 33
			12	8.4	12 15
			16	11.2	7 8
$\alpha = 39^\circ$					

Isolux

