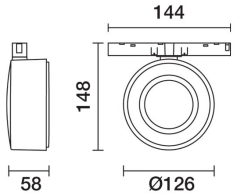
View Opti Beam Lens round

Design iGuzzini / Arup | **iGuzzini**

Last information update: March 2025

Product configuration: 197B.04
197B.04: 48V round spotlight - Ø 126 small body - Medium beam - BLE Casambi - 19.1W 1844.5lm - 3000K - CRI 90 - Black



Product code
197B.04: 48V round spotlight - Ø 126 small body - Medium beam - BLE Casambi - 19.1W 1844.5lm - 3000K - CRI 90 - Black

Technical description
Adjustable spotlight with adapter for installation on 48V low voltage track. Luminaire made of die-cast aluminium with a front part in a thermoplastic material. 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. The double adjustability of the spotlight allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. Optical assembly with OPTIBEAM LENS technology - medium beam. Technical accessories are also available to optimise light emission. A complete range of OPTI BEAM REFRACTORS (optional) also allows the current light beam opening to be varied in the event of eventual changes in lighting requirements.

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	Weight (Kg)
Black (04)	1.02

Mounting
Low voltage track

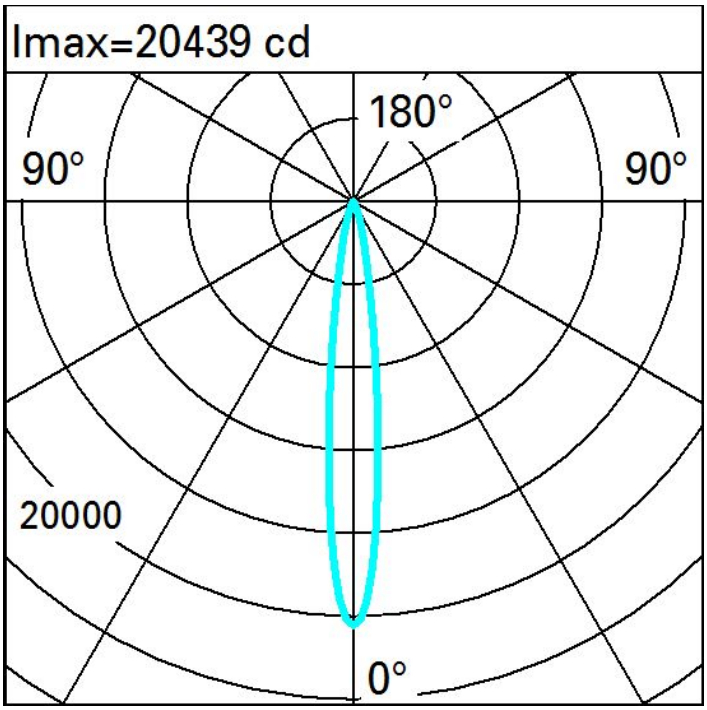
Wiring
Direct connection on 48V track. Track power supply unit to be ordered separately. Luminaire that can be controlled with Bluetooth technology (Casambi).

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.
When combined with accessory item code. MZ16 (asymmetrical visor) visual comfort is increased by simultaneously reducing the dispersion of stray light (see the instruction sheet).

Complies with EN60598-1 and pertinent regulations

IP20

Technical data

lm system:	1845	MacAdam Step:	2
W system:	19.1	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	2170	Voltage [Vin]:	48
W source:	18	Lamp code:	LED
Luminous efficiency (lm/W, real value):	96.6	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.) [%]:	85	LED current [mA]:	500
Beam angle [°]:	14°	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	1
Colour temperature [K]:	3000	Control:	Casambi

Polar