

## View Opti Beam Lens round

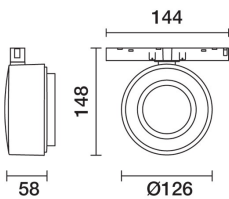
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Arup

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Last information update: March 2025

### Product configuration: 209B.04

209B.04: 48V round spotlight - Ø 126 small body - Wall Washer - BLE Casambi - 19.1W 1497.3lm - 3000K - CRI 90 - Black



### Product code

209B.04: 48V round spotlight - Ø 126 small body - Wall Washer - BLE Casambi - 19.1W 1497.3lm - 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 designed to create homogeneous, sharply defined vertical illumination on vertical surfaces. When combined with accessory item code. MZ16 (asymmetrical visor) light emission is further optimised on the wall.

### 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 (04)

**Weight (Kg)**  
1.07

### 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.

Complies with EN60598-1 and pertinent regulations



### Technical data

Im system:	1497	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	19.1	Voltage [Vin]:	48
Im source:	2170	Lamp code:	LED
W source:	18	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	78.4	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	LED current [mA]:	500
Light Output Ratio (L.O.R.) [%]:	69	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	1
Colour temperature [K]:	3000	Control:	Casambi
MacAdam Step:	2		

### Polar

Imax=3106 cd		C0-180 $\gamma=12^\circ$		Lux			
90°	180°	90°	h	d1	d2	Em	Emax
			4	1.9	3.4	102	182
			8	3.8	6.8	26	46
			12	5.7	10.2	11	20
			16	7.6	13.6	6	11
$\alpha = 27^\circ / 46^\circ$							

Isolux

