

View Opti Beam Lens round

Design iGuzzini /
Arup

iGuzzini

Last information update: March 2025

Product configuration: 204B.04

204B.04: 48V round spotlight - Ø 126 small body - Wide Flood beam - DALI Powerline - 19.1W 1865.7lm - 3500K - CRI 90 - Black



Product code

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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 with a DALI dimmable function. Integrated «power line» technology allows each spotlight on the track to be adjusted separately. 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 - wide flood 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

Mechanical fastening with adapter on track.

Colour

Black (04)

Weight (Kg)

1.02

Mounting

Low voltage track

Wiring

Integrated DC/DC LED driver in adapter - direct connection on 48V track. Track power supply unit to be ordered separately.

Notes

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).

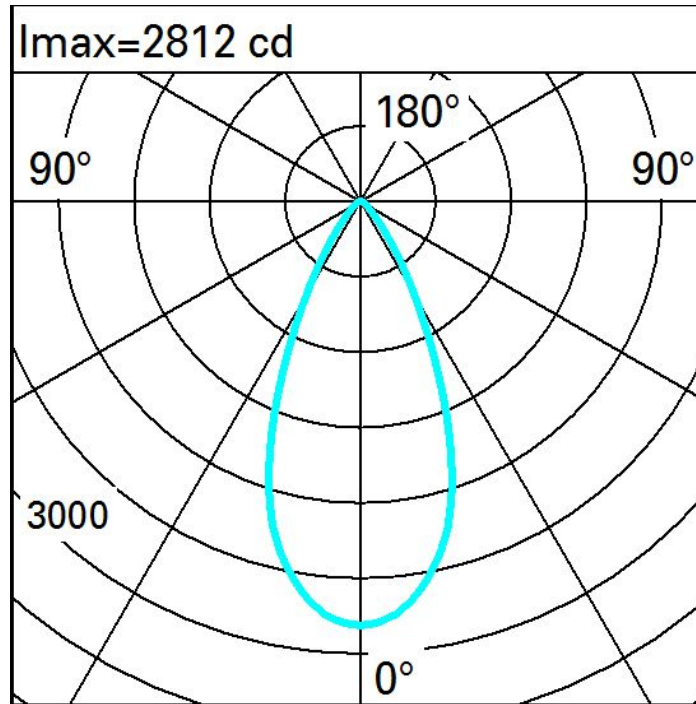
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1866	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	19.1	Voltage [Vin]:	48
Im source:	2250	Lamp code:	LED
W source:	18	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	97.7	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	83	Minimum dimming %:	5
Beam angle [°]:	46°	Overvoltage protection:	2kV Common mode & 1kV Differential mode
CRI (minimum):	90	Dimming mode:	CCR
Colour temperature [K]:	3500	Control:	DALI
MacAdam Step:	2		

Polar



Illuminances

Lux											Wall distance = 1m										
3																					
	0.3	0.7	2	5	13	19	13	5	2	0.7	0.3										
2	0.8	2	4	10	25	40	25	10	4	2	0.8										
	1	2	6	17	47	74	47	17	6	2	1										
1	2	3	9	26	63	93	63	26	9	3	2										
	2	5	13	32	60	82	60	32	13	5	2										
0																					
	m	-2	-1	0	1	2	3														