

View Opti Beam Lens round

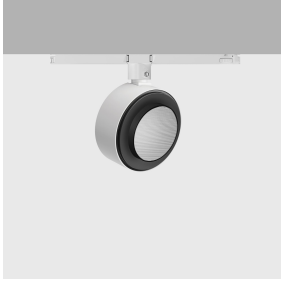
Design iGuzzini /
Arup

iGuzzini

Last information update: March 2025

Product configuration: 455B

455B: round small body spotlight - WW



Product code

455B: round small body spotlight - WW

Technical description

Indoor adjustable spotlight with adapter for installation on a three-phase/DALI track. Device made of die-cast aluminium and a front part made of a thermoplastic material. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Optical assembly consisting of Warm White tone 3000K CRI97 LEDs with OPTIBEAM LENS technology and wall-washer light distribution for homogeneous vertical wall lighting. Dimmable DALI driver built-in to box with a semi-hidden system on track. Option of installing a range of flat accessories including an OPTIBEAM REFRACTOR for varying light distribution, a louvre, a soft lens and an outdoor accessory like an asymmetric visor for eliminating stray light dispersion on the ceiling.

Installation

On a three-phase/DALI electrified track

Colour

Black (04) | Black / White (47)

Weight (Kg)

1.06

Mounting

dali track|three circuit track

Wiring

Product complete with DALI dimmable components, housed in a semi-hidden box on the track.

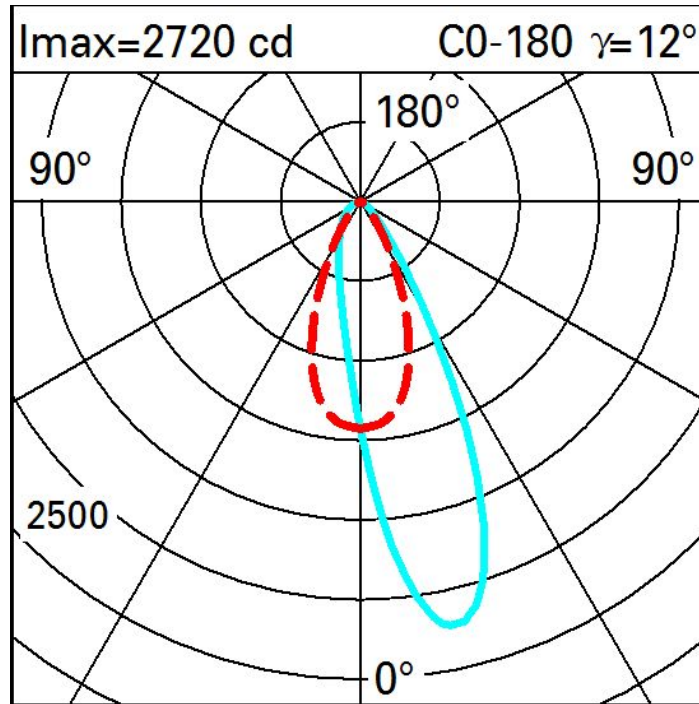
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	1311	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	20.5	Lamp code:	LED
lm source:	1900	Number of lamps for optical assembly:	1
W source:	18	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	64	Number of optical assemblies:	1
lm in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	5 A / 50 µs
Light Output Ratio (L.O.R.) [%]:	69	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
CRI (minimum):	97	Overvoltage protection:	4kV Common mode & 2kV Differential mode
Colour temperature [K]:	3000	Control:	DALI-2
MacAdam Step:	2		

Polar



Illuminances

Lux Wall distance = 1m

3												
	0.1	0.2	0.7	3	7	18	7	3	0.7	0.2	0.1	
2	0.3	0.8	2	7	22	45	22	7	2	0.8	0.3	
	0.6	1	4	15	47	78	47	15	4	1	0.6	
1	0.9	2	7	26	77	120	77	26	7	2	0.9	
	1	4	11	35	78	109	78	35	11	4	1	
0												
	m	-2	-1	0	1	2	3					