

View Opti Beam Lens round

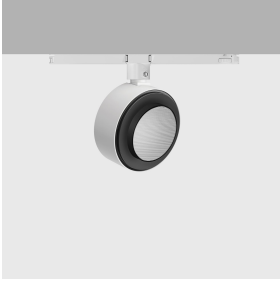
Design iGuzzini /
Arup

iGuzzini

Last information update: March 2025

Product configuration: 417B

417B: round small body spotlight - WW



Product code

417B: 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 CRI90 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 louver, 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

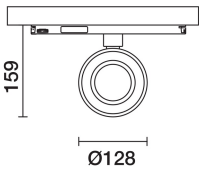
Mounting

dali track|three circuit track

Wiring

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

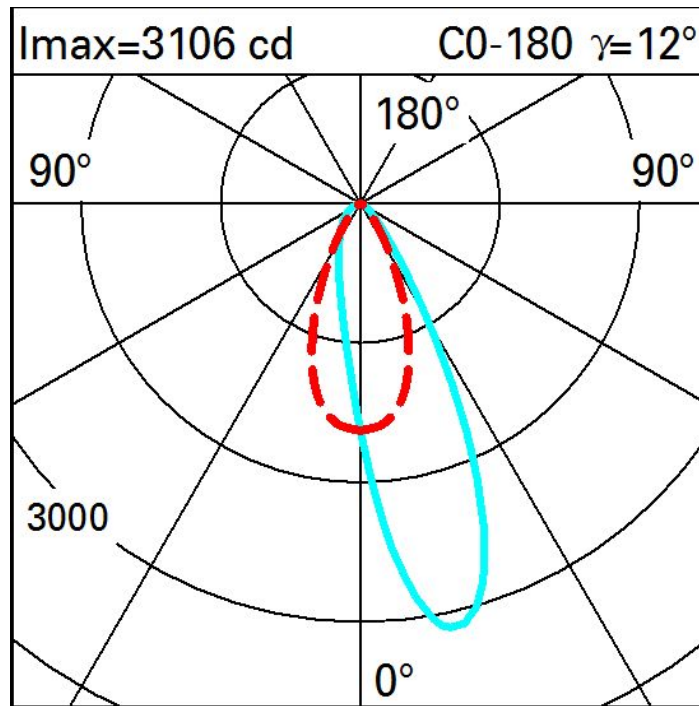
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	1497	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	20.5	Lamp code:	LED
lm source:	2170	Number of lamps for optical assembly:	1
W source:	18	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	73	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):	90	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	0.8	3	8	20	8	3	0.8	0.2	0.1
2	0.4	0.9	2	8	25	51	25	8	2	0.9	0.4
	0.7	2	5	17	53	89	53	17	5	2	0.7
1	1	3	8	30	88	137	88	30	8	3	1
	1	4	13	40	89	124	89	40	13	4	1
0											
	m	-2	-1	0	1	2	3				