

View Opti Beam Lens round

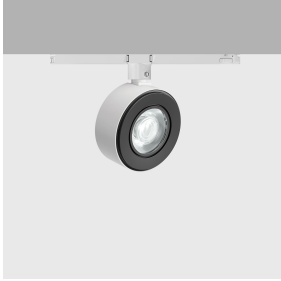
Design iGuzzini /
Arup

iGuzzini

Last information update: March 2025

Product configuration: 412B

412B: round small body spotlight - WW



Product code

412B: 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 Neutral White tone 4000K 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)

1.02

Mounting

dali track|three circuit track

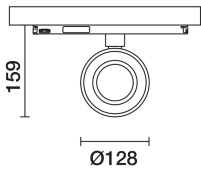
Wiring

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

Complies with EN60598-1 and pertinent regulations



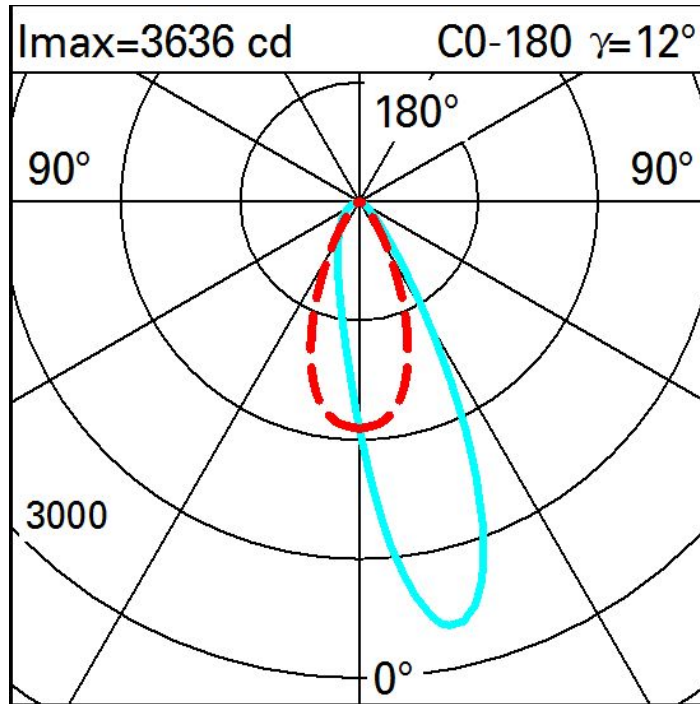
IP20



Technical data

Im system:	1753	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	20.5	Lamp code:	LED
Im source:	2540	Number of lamps for optical assembly:	1
W source:	18	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	85.5	Number of optical assemblies:	1
Im 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):	80	Overvoltage protection:	4kV Common mode & 2kV Differential mode
Colour temperature [K]:	4000	Control:	DALI-2
MacAdam Step:	2		

Polar



Illuminances

Lux Wall distance = 1m

3													
	0.1	0.3	0.9	3	9	24	9	3	0.9	0.3	0.1		
2	0.4	1	3	9	29	60	29	9	3	1	0.4		
	0.8	2	6	20	62	104	62	20	6	2	0.8		
1	1	3	9	35	103	160	103	35	9	3	1		
	2	5	15	47	104	145	104	47	15	5	2		
0													
	m	-2	-1	0	1	2	3						