

View Opti Beam Lens round

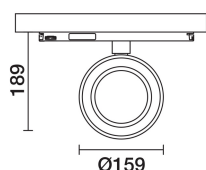
Design iGuzzini /
Arup

iGuzzini

Last information update: June 2025

Product configuration: 423B

423B: round large body spotlight - super spot



Product code

423B: round large body spotlight - super spot

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 a well-defined super spot light beam. 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, an elliptical distribution refractor, 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)

1640

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

Im system:	501	MacAdam Step:	2
W system:	14.7	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Im source:	910	Lamp code:	LED
W source:	12	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	34	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.) [%]:	55	Inrush current:	5 A / 50 µs
Beam angle [°]:	4°	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

Polar

Imax=38248 cd C0-180 Lux					
90°	180°	90°	h	d1	d2 Em Emax
			2	0.2	0.1 7606 9562
			4	0.3	0.3 1902 2391
			6	0.5	0.4 845 1062
			8	0.6	0.6 475 598
$\alpha = 5^\circ$					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	46	44	42	45	44	43	41	75
1.0	51	48	47	45	48	46	46	44	80
1.5	54	52	50	49	51	50	49	48	86
2.0	56	54	53	52	53	52	52	50	91
2.5	57	56	55	54	55	54	53	52	94
3.0	57	57	56	55	56	55	54	53	96
4.0	58	58	57	57	57	56	55	54	98
5.0	59	58	58	58	57	57	56	55	99

Luminance curve limit

