

## View Opti Beam Lens round

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### Product configuration: 420B

420B: round large body spotlight - flood



### Product code

420B: round large body spotlight - flood

### 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 a floodlight 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)

1.57

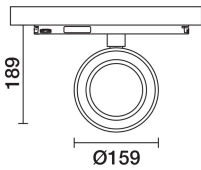
### Mounting

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



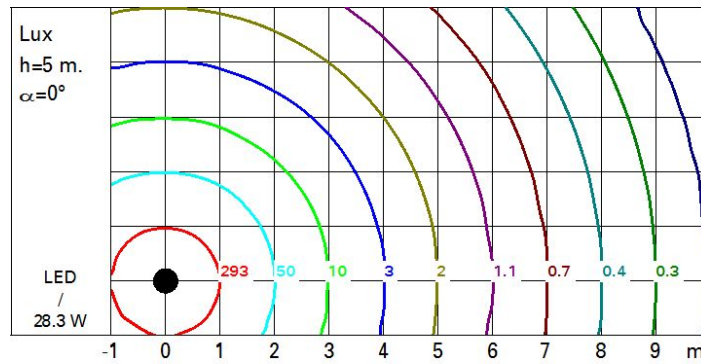
### Technical data

lm system:	3208	MacAdam Step:	2
W system:	28.3	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	3730	Lamp code:	LED
W source:	24	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	113.3	ZVEI Code:	LED
lm 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.) [%]:	86	Inrush current:	5 A / 50 µs
Beam angle [°]:	28°	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

### Polar

Imax=11506 cd	Lux			
	h	d	Em	E <sub>max</sub>
	2	1	2319	2876
	4	2	580	719
	6	3	258	320
	8	4	145	180

### Isolux



### UGR diagram

Corrected UGR values (at 3730 lm bare lamp luminous flux)											
Riflect.:		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
ceiling/cav											
walls											
work pl.											
Room dim		viewed					viewed				
x	y	crosswise					endwise				
2H	2H	16.1	18.0	16.4	18.4	18.7	16.1	18.0	16.4	18.4	18.7
	3H	17.0	18.5	17.3	18.8	19.2	16.4	18.0	16.8	18.3	18.6
	4H	17.3	18.5	17.6	18.9	19.2	16.5	17.8	16.9	18.2	18.5
	6H	17.4	18.5	17.8	18.8	19.1	16.6	17.6	17.0	17.9	18.3
	8H	17.5	18.5	17.9	18.8	19.2	16.6	17.6	17.0	17.9	18.3
	12H	17.4	18.4	17.8	18.8	19.2	16.5	17.5	16.9	17.9	18.2
4H	2H	16.5	17.8	16.9	18.2	18.5	17.3	18.5	17.6	18.9	19.2
	3H	17.6	18.6	18.0	18.9	19.3	17.8	18.8	18.2	19.1	19.5
	4H	17.9	18.9	18.3	19.2	19.7	17.9	18.9	18.3	19.2	19.7
	6H	17.9	19.5	18.4	19.9	20.4	17.8	19.3	18.2	19.8	20.2
	8H	17.8	19.6	18.3	20.1	20.6	17.7	19.4	18.2	19.9	20.4
	12H	17.8	19.6	18.3	20.1	20.6	17.6	19.4	18.1	19.9	20.4
8H	4H	17.7	19.4	18.2	19.9	20.4	17.8	19.6	18.3	20.1	20.6
	6H	17.9	19.6	18.4	20.1	20.6	18.0	19.6	18.5	20.1	20.7
	8H	18.0	19.5	18.5	20.0	20.6	18.0	19.5	18.5	20.0	20.6
	12H	18.2	19.2	18.7	19.7	20.3	18.2	19.2	18.7	19.7	20.3
12H	4H	17.6	19.4	18.1	19.9	20.4	17.8	19.6	18.3	20.1	20.6
	6H	17.9	19.4	18.5	19.9	20.5	18.0	19.5	18.5	20.0	20.5
	8H	18.2	19.2	18.7	19.7	20.3	18.2	19.2	18.7	19.7	20.3
Variations with the observer position at spacing:											
S =	1.0H	0.4 / -0.3				0.4 / -0.3					
	1.5H	1.0 / -0.9				1.0 / -0.9					
	2.0H	1.7 / -1.4				1.7 / -1.4					