

View Opti Beam Lens round

Design iGuzzini /
Arup

iGuzzini

Last information update: April 2024

Product configuration: Q283

Q283: round small body spotlight - medium



Product code

Q283: round small body spotlight - medium

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 medium light beam. Dimmable 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)

0.99

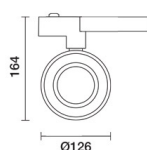
Mounting

dali track|three circuit track

Wiring

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

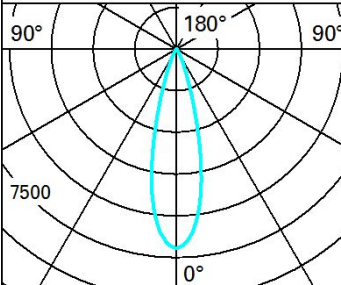
Complies with EN60598-1 and pertinent regulations



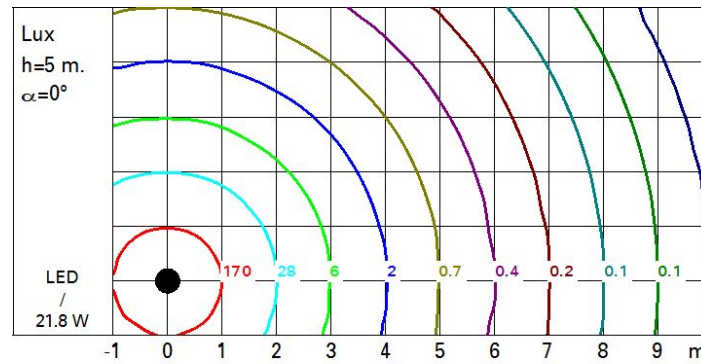
Technical data

Im system:	1818	Colour temperature [K]:	3000
W system:	21.8	MacAdam Step:	2
Im source:	2170	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	18	Lamp code:	LED
Luminous efficiency (lm/W, real value):	83.4	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	84	Power factor:	See installation instructions
Beam angle [°]:	26°	Overvoltage protection:	2kV Common mode & 1kV Differential mode
CRI (minimum):	90	Control:	Push Dim

Polar

Imax=7171 cd		Lux			
		h	d	Em	Emax
		2	0.9	1442	1793
		4	1.8	361	448
		6	2.8	160	199
		8	3.7	90	112
$\alpha=26^\circ$					

Isolux



UGR diagram

Corrected UGR values (at 2170 lm bare lamp luminous flux)												
Reflect.:		viewed crosswise					viewed endwise					
ceiling		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Room dim												
x	y											
2H	2H	14.2	16.1	14.5	16.5	16.8	14.2	16.1	14.5	16.5	16.8	
	3H	14.9	16.4	15.3	16.8	17.1	14.4	15.9	14.8	16.3	16.6	
	4H	15.2	16.5	15.6	16.8	17.1	14.5	15.8	14.9	16.1	16.4	
	6H	15.4	16.4	15.7	16.7	17.1	14.5	15.5	14.9	15.9	16.2	
	8H	15.4	16.4	15.8	16.7	17.1	14.5	15.5	14.9	15.8	16.2	
	12H	15.4	16.4	15.8	16.7	17.1	14.4	15.4	14.8	15.8	16.2	
4H	2H	14.5	15.8	14.9	16.1	16.4	15.2	16.5	15.6	16.8	17.1	
	3H	15.4	16.4	15.8	16.8	17.1	15.6	16.6	16.0	17.0	17.3	
	4H	15.7	16.7	16.2	17.1	17.5	15.7	16.7	16.2	17.1	17.5	
	6H	15.7	17.3	16.2	17.7	18.2	15.6	17.2	16.0	17.6	18.1	
	8H	15.7	17.5	16.2	17.9	18.4	15.5	17.3	16.0	17.7	18.2	
	12H	15.6	17.5	16.1	17.9	18.5	15.4	17.3	15.9	17.7	18.3	
8H	4H	15.5	17.3	16.0	17.7	18.2	15.7	17.5	16.2	17.9	18.4	
	6H	15.8	17.5	16.3	18.0	18.5	15.8	17.5	16.3	18.0	18.5	
	8H	15.9	17.4	16.4	17.9	18.4	15.9	17.4	16.4	17.9	18.4	
	12H	16.0	17.1	16.6	17.6	18.1	16.0	17.1	16.6	17.6	18.1	
12H	4H	15.4	17.3	15.9	17.7	18.3	15.6	17.5	16.1	17.9	18.5	
	6H	15.8	17.3	16.3	17.8	18.3	15.8	17.3	16.3	17.8	18.4	
	8H	16.0	17.1	16.6	17.6	18.1	16.0	17.1	16.6	17.6	18.1	
Variations with the observer position at spacing:												
S =		1.0H	1.1	/ -0.7				1.1	/ -0.7			
		1.5H	2.4	/ -1.2				2.4	/ -1.2			
		2.0H	3.7	/ -1.6				3.7	/ -1.6			