View Opti Beam Lens round

Design iGuzzini / Arup **iGuzzini**

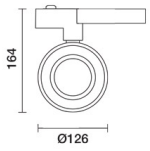
Last information update: May 2024

Product configuration: Q291
Q291: round small body spotlight - super spot

Product code
Q291: round small 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)
0.99

Mounting
dali track|three circuit track

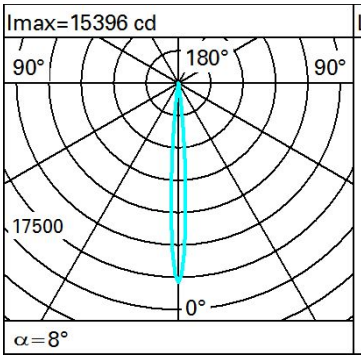
Wiring
Product complete with DALI dimmable components, housed in a semi-hidden box on the track.

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	420	Colour temperature [K]:	3000
W system:	14.8	MacAdam Step:	2
lm source:	840	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	10	Lamp code:	LED
Luminous efficiency (lm/W, real value):	28.4	Number of lamps for optical assembly:	1
lm 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.) [%]:	50	Power factor:	See installation instructions
Beam angle [°]:	8°	Overvoltage protection:	2kV Common mode & 1kV Differential mode
CRI (minimum):	90	Control:	DALI-2

Polar



Lux

h	d	Em	Emax
2	0.3	2995	3849
4	0.6	749	962
6	0.8	333	428
8	1.1	187	241

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	44	42	40	39	42	40	40	38	76
1.0	46	44	43	41	44	42	42	40	81
1.5	49	47	46	45	47	46	45	43	87
2.0	51	49	48	47	49	48	47	46	92
2.5	52	51	50	49	50	49	49	47	95
3.0	52	52	51	50	51	50	50	48	97
4.0	53	52	52	52	52	51	51	49	98
5.0	53	53	53	52	52	52	51	50	100

Luminance curve limit