View Opti Beam Lens quadrato

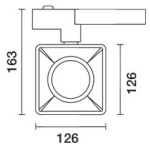
Design iGuzzini / Arup **iGuzzini**

Last information update: June 2018

square small body spotlight - super spot

Product code
Q316

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 well-defined superspot 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

Dimension (mm)
126x126x163

Colour
White (01) | Black (04) | Black/White (47)

Weight (Kg)
1.13

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

IP20

pending

Product configuration: Q316

Product characteristics

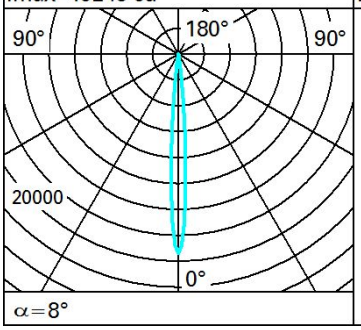
Total lighting output [Lm]: 525	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 14.8	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 35.5	Voltage [V]: -
Life Time: > 50,000h - L80 - B10 (Ta 25°C)	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 50	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 4.8
Nominal power [W]: 10	Colour temperature [K]: 4000
Nominal luminous [Lm]: 1050	CRI: 80
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 8°	MacAdam Step: 2

Polar

Imax=19245 cd



Lux

h	d	Em	Emax
2	0.3	3744	4811
4	0.6	936	1203
6	0.8	416	535
8	1.1	234	301

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