View Opti Beam Lens round

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Product configuration: Q296
Q296: round large body spotlight - super spot

Product code
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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 super spot light beam. Dimmable electronic 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	Weight (Kg)
Black (04)	Black / White (47)	1.66

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

lm system:	660	Colour temperature [K]:	4000
W system:	16.8	MacAdam Step:	2
lm source:	1200	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	12	Lamp code:	LED
Luminous efficiency (lm/W, real value):	39.3	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.) [%]:	55	Power factor:	See installation instructions
Beam angle [°]:	4°	Overvoltage protection:	2kV Common mode & 1kV Differential mode
CRI (minimum):	80	Control:	Push Dim

Polar

Imax=50437 cd   C0-180

h	d1	d2	Em	Emax
2	0.1	0.1	10030	12609
4	0.3	0.3	2508	3152
6	0.4	0.4	1114	1401
8	0.6	0.6	627	788

α=4°

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

QC	A	G	1.15	2000		1000		500		<=300			
	B		1.50			2000		1000	750		500	<=300	
	C		1.85					2000			1000	500	<=300

C0-180 ——————   C90-270 - - - - - - - - -