iGuzzini

Last information update: May 2024

Product configuration: Q284

Q284: round small body spotlight - wide flood



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 Warm White tone 3000K CRI90 LEDs with OPTIBEAM LENS technology and a wide flood 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
 Weight (Kg)

 Black (04) | Black / White (47)
 0.99



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







46°

90













Differential mode

Push Dim

Technical data 1799 Im system: Colour temperature [K]: 3000 W system: 21.8 MacAdam Step: 2 > 50,000h - L90 - B10 (Ta 25°C) 2170 Life Time LED 1: Im source: W source: Lamp code: LED Luminous efficiency (lm/W, 82.5 Number of lamps for optical real value): assembly: Im in emergency mode: ZVEI Code: LED Total light flux at or above Number of optical an angle of 90° [Lm]: assemblies: Light Output Ratio (L.O.R.) 83 Power factor: See installation instructions [%]: Overvoltage protection: 2kV Common mode & 1kV

Control:

Polar

Beam angle [°]:

CRI (minimum):

	CIE	Lux			
90° / 180° / 90° !	nL 0.83 91-98-100-100-83 UGR 21.1-21.0	h	d	Em	Emax
	DIN A.61 UTE	2	1.7	524	678
2000	0.83A+0.00T F"1=907	4	3.4	131	169
	F"1+F"2=977 F"1+F"2+F"3=996	6	5.1	58	75
α=46°		8	6.8	33	42



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	63	61	66	63	62	59	72
1.0	75	71	68	65	70	67	67	64	77
1.5	80	77	74	72	76	73	73	70	84
2.0	83	80	78	77	79	77	77	74	89
2.5	85	83	81	80	82	80	79	77	92
3.0	86	84	83	82	83	82	81	79	95
4.0	87	86	85	84	85	84	83	80	97
5.0	88	87	86	86	85	85	83	81	98

Luminance curve limit

QC	Α	G	1.15	2000	1000	500		<=300		
	В		1.50		2000	1000	750	500	<=300	
	C		1.85			2000		1000	500	<=300
				/ /						
85° [TTTT			= 8
75°										- 4
/5-						7			-	
35°									-	2
								_	_	1
55°					_		_			
-							.			-
45° -							\rightarrow			
6		8	10 ³		2	3 4	5 6	8 10	•	cd/m ²
	C0-18						C90-270 -			

4H	v I.	0.70 0.50 0.20 20.4 20.7 20.8 20.8 20.8 20.8 20.4 20.8 21.0	0.70 0.30 0.20 21.0 21.3 21.3 21.3 21.3 21.3 21.3	0.50 0.50 0.20 viewed crosswis 20.7 21.0 21.1 21.2 21.2 21.2 20.8 21.2	21.3 21.5 21.6 21.7 21.7 21.6	0.30 0.30 0.20 21.5 21.8 21.9 22.0 22.0 22.0	0.70 0.50 0.20 20.4 20.4 20.4 20.3 20.3	0.70 0.30 0.20 21.0 21.0 21.0 20.9 20.8	0.50 0.50 0.20 viewed endwise 20.7 20.7 20.8 20.7 20.7 20.7	0.50 0.30 0.20 21.3 21.3 21.3 21.2 21.2	0.30 0.30 0.20 21.5 21.6 21.5 21.5
walls work pl Room d x 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H	20.4 20.7 20.8 20.8 20.8 20.8 20.8	21.0 21.3 21.3 21.3 21.3 21.3 21.3	0.50 0.20 viewed crosswis 20.7 21.0 21.1 21.2 21.2 21.2	0.30 0.20 e 21.3 21.5 21.6 21.7 21.7 21.8	21.5 21.8 21.9 22.0 22.0	20.4 20.4 20.4 20.4 20.4 20.3 20.3	21.0 21.0 21.0 21.0 20.9 20.8 20.8	0.50 0.20 viewed endwise 20.7 20.7 20.8 20.7 20.7 20.7	0.30 0.20 21.3 21.3 21.3 21.2 21.2	21.5 21.6 21.6 21.5 21.5
work pl Room d x 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H	20.4 20.7 20.8 20.8 20.8 20.8 20.8	21.0 21.3 21.3 21.3 21.3 21.3 21.3	0.20 viewed crosswis 20.7 21.0 21.1 21.2 21.2 21.2	0.20 e 21.3 21.5 21.6 21.7 21.7 21.6	21.5 21.8 21.9 22.0 22.0	20.4 20.4 20.4 20.4 20.3 20.3	21.0 21.0 21.0 20.9 20.8 20.8	0.20 viewed endwise 20.7 20.7 20.8 20.7 20.7 20.7	21.3 21.3 21.3 21.2 21.2	21.5 21.6 21.6 21.5 21.5
Room d x 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H	20.4 20.7 20.8 20.8 20.8 20.8	21.0 21.3 21.3 21.3 21.3 21.3 21.3	20.7 21.0 21.1 21.2 21.2 21.2 20.8	21.3 21.5 21.6 21.7 21.7 21.6	21.5 21.8 21.9 22.0 22.0	20.4 20.4 20.4 20.4 20.3 20.3	21.0 21.0 21.0 20.9 20.8 20.8	20.7 20.7 20.8 20.7 20.7 20.7	21.3 21.3 21.3 21.2 21.2	21. 21. 21. 21.
2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H	20.7 20.8 20.8 20.8 20.8 20.8	21.0 21.3 21.3 21.3 21.3 21.3 21.3	20.7 21.0 21.1 21.2 21.2 21.2 20.8	21.3 21.5 21.6 21.7 21.7 21.6	21.8 21.9 22.0 22.0 22.0	20.4 20.4 20.4 20.3 20.3	21.0 21.0 20.9 20.8 20.8	20.7 20.7 20.8 20.7 20.7 20.7	21.3 21.3 21.3 21.2 21.2	21. 21. 21.
2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H	20.7 20.8 20.8 20.8 20.8 20.8	21.0 21.3 21.3 21.3 21.3 21.3 21.3	20.7 21.0 21.1 21.2 21.2 21.2 20.8	21.3 21.5 21.6 21.7 21.7 21.6	21.8 21.9 22.0 22.0 22.0	20.4 20.4 20.4 20.3 20.3	21.0 21.0 20.9 20.8 20.8	20.7 20.7 20.8 20.7 20.7 20.7	21.3 21.3 21.3 21.2 21.2	21. 21. 21.
4H	3H 4H 6H 8H 12H 2H 3H 4H	20.7 20.8 20.8 20.8 20.8 20.8	21.3 21.3 21.3 21.3 21.3 21.3	21.0 21.1 21.2 21.2 21.2 21.2	21.5 21.6 21.7 21.7 21.6	21.8 21.9 22.0 22.0 22.0	20.4 20.4 20.4 20.3 20.3	21.0 21.0 20.9 20.8 20.8	20.7 20.8 20.7 20.7 20.7	21.3 21.3 21.2 21.2	21. 21. 21.
4н	4H 6H 8H 12H 2H 3H 4H	20.8 20.8 20.8 20.8 20.8	21.3 21.3 21.3 21.3 21.0	21.1 21.2 21.2 21.2 20.8	21.6 21.7 21.7 21.6	21.9 22.0 22.0 22.0	20.4 20.4 20.3 20.3	21.0 20.9 20.8 20.8	20.8 20.7 20.7 20.7	21.3 21.2 21.2	21. 21. 21.
4н	6H 8H 12H 2H 3H 4H	20.8 20.8 20.8 20.4 20.8	21.3 21.3 21.3 21.0	21.2 21.2 21.2 20.8	21.7 21.7 21.6 21.3	22.0 22.0 22.0	20.4 20.3 20.3	20.9 20.8 20.8	20.7 20.7 20.7	21.2 21.2	21. 21.
4н	8H 12H 2H 3H 4H	20.8 20.8 20.4 20.8	21.3 21.3 21.0	21.2 21.2 20.8	21.7 21.6 21.3	22.0 22.0	20.3	20.8 20.8	20.7 20.7	21.2	21.
4н	12H 2H 3H 4H	20.8 20.4 20.8	21.3	21.2	21.6	22.0	20.3	20.8	20.7		
4н	2H 3H 4H	20.4	21.0	20.8	21.3	20,000	000000		2000	21.1	21.
	3H 4H	20.8				21.6	20.8	212	1 25000	272222 ETC	
	4H	1000000	21.3	212			20.0	21.3	21.1	21.6	21.
		21.0		21.2	21.6	22.0	20.9	21.4	21.3	21.8	22.
	6H		21.4	21.4	21.8	22.2	21.0	21.4	21.4	21.8	22.
	OII	21.1	21.5	21.5	21.9	22.3	21.0	21.4	21.4	21.8	22.
	H8	21.1	21.5	21.6	21.9	22.3	21.0	21.3	21.5	21.8	22.
8Н	12H	21.1	21.4	21.6	21.9	22.3	21.0	21.3	21.4	21.7	22.
	4H	21.0	21.3	21.5	21.8	22.2	21.1	21.5	21.6	21.9	22.
	6H	21.2	21.5	21.7	21.9	22.4	21.2	21.5	21.7	21.9	22.
	H8	21.2	21.5	21.7	21.9	22.4	21.2	21.5	21.7	21.9	22.
	12H	21.2	21.4	21.7	21.9	22.4	21.2	21.4	21.7	21.9	22.
12H	4H	21.0	21.3	21.4	21.7	22.2	21.1	21.4	21.6	21.9	22.
	бН	21.2	21.4	21.6	21.9	22.4	21.2	21.4	21.7	21.9	22.
- 1	H8	21.2	21.4	21.7	21.9	22.4	21.2	21.4	21.7	21.9	22.
Variatio	ons wi	th the ob	oserverp	noitieo	at spacin	ıg:					
5 = 1	1.0H		2	.3 / -1	.9			2	.3 / -1.	9	
1	1.5H		4	.4 / -2	.6			4	1.4 / -2.	б	