iGuzzini

Last information update: June 2025

Product configuration: Q551

Q551: Minimal 5 cells - Wideflood beam - LED

Product code

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Technical description

Linear miniaturised recessed luminaire with 5 optical elements for LED lamps - fixed optic. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient flow and a high level of controlled glare visual comfort. Main body with die-cast zamak radiant surface, minimal (frameless) version for mounting flush with the ceiling. Metallised, thermoplastic, high definition Opti Beam reflectors, integrated in a set-back position in the anti-glare screen. Supplied with a power supply unit connected to the luminaire.

Installation

Recessed with steel wire springs on the specific adapter (included) which allows flush-mounting with the ceiling. Adapter fixed to false ceiling (compatible thicknesses of 12.5 / 15 / 20 mm) with screws; subsequent filling and smoothing operations; insertion of luminaire body and aesthetic end finishing. A special protective sheath allows finishing operations on the plasterboard to be simplified and speeded up. Preparation hole 28 x 94.

92 94x28

Weight (Kg) 0.37

Mounting wall recessed|ceiling recessed

Wiring

On the power supply unit with terminal board included.

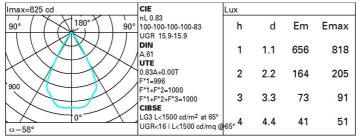
Notes

The special steel wire spring provided is required to facilitate the eventual extraction of the recessed body once it has been inserted.



Technical data			
Im system:	647	CRI (minimum):	90
W system:	12.7	Colour temperature [K]:	3000
Im source:	780	MacAdam Step:	3
W source:	9.7	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W,	51	Voltage [Vin]:	230
real value):		Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical	1
Total light flux at or above	0	assembly:	
an angle of 90° [Lm]:		ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	83	Number of optical assemblies:	1
Beam angle [°]:	58°		

Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	79	77	76	78	77	76	73	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	88	87	86	85	83	100

Luminance curve limit

45	10 ² C0-180		2	3 4 5	5 6 8 1	0 ³	2 3 C90-270 -	4 5 6	8 10 ⁴	cd/m ²
45° .									\square	h
55°	-									a
35°	_						\mathbb{N}			2
75°		-				$-\langle \langle$				- 4
85°							Ì			= 8
	С		1.85			2000		1000	500	<=300
	в		1.50		2000	1000	750	500	<=300	
2C	A	G	1.15	2000	1000	500		<-300		

UGR diagram

4H	v ol.	0.70 0.50 0.20 16.5 16.3 16.3 16.2 16.2 16.1	0.70 0.30 0.20 16.9 16.8 16.7 16.6 16.5 16.5 16.5	0.50 0.20 viewed crosswise 16.7 16.6 16.6 16.5 16.5 16.5	0.50 0.30 0.20 e 17.2 17.0 16.9 16.9 16.8 16.8	0.30 0.30 0.20 17.4 17.3 17.2 17.2 17.2	0.70 0.50 0.20 16.5 16.3 16.3 16.3	16.9 16.8 16.7 16.6	0.50 0.20 viewed endwise 16.7 16.6 16.6 16.5	0.50 0.30 0.20 17.2 17.0 16.9 16.9	0.30 0.30 0.20 17.4 17.3 17.2
walls work pl Room o x 2H 4H	ol. dim y 2H 3H 4H 6H 8H 12H 2H 3H	0.20 16.5 16.3 16.3 16.2 16.2 16.1 16.3	0.20 16.9 16.8 16.7 16.6 16.5 16.5	0.20 viewed crosswis 16.7 16.6 16.6 16.5 16.5	0.20 e 17.2 17.0 16.9 16.9 16.8	0.20 17.4 17.3 17.2 17.2 17.2	0.20 16.5 16.3 16.3 16.2	0.20 16.9 16.8 16.7 16.6	0.20 viewed endwise 16.7 16.6 16.6	0.20 17.2 17.0 16.9	0.30 0.20 17.4 17.3 17.2
Room o x 2H 4H	dim y 2H 3H 4H 6H 8H 12H 2H 3H	16.5 16.3 16.3 16.2 16.2 16.1 16.3	16.9 16.8 16.7 16.6 16.5 16.5	viewed crosswis 16.7 16.6 16.6 16.5 16.5	e 17.2 17.0 16.9 16.9 16.8	17.4 17.3 17.2 17.2 17.2	16.5 16.3 16.3 16.2	16.9 16.8 16.7 16.6	viewed endwise 16.7 16.6 16.6	17.2 17.0 16.9	17.4 17.3 17.2
Room o x 2H 4H	dim y 2H 3H 4H 6H 8H 12H 2H 3H	16.3 16.3 16.2 16.2 16.1	16.9 16.8 16.7 16.6 16.5 16.5	16.7 16.6 16.6 16.5 16.5	17.2 17.0 16.9 16.9 16.8	17.3 17.2 17.2 17.2	16.3 16.3 16.2	16.9 16.8 16.7 16.6	endwise 16.7 16.6 16.6	17.2 17.0 16.9	17.4 17.3 17.2
2H 4H	2H 3H 4H 6H 8H 12H 2H 3H	16.3 16.3 16.2 16.2 16.1	16.9 16.8 16.7 16.6 16.5 16.5	16.7 16.6 16.6 16.5 16.5	17.2 17.0 16.9 16.9 16.8	17.3 17.2 17.2 17.2	16.3 16.3 16.2	16.9 16.8 16.7 16.6	16.7 16.6 16.6	17.2 17.0 16.9	17.3 17.3
4H	3H 4H 6H 8H 12H 2H 3H	16.3 16.3 16.2 16.2 16.1	16.8 16.7 16.6 16.5 16.5	16.6 16.6 16.5 16.5	17.0 16.9 16.9 16.8	17.3 17.2 17.2 17.2	16.3 16.3 16.2	16.8 16.7 16.6	16.6 16.6	17.0 16.9	17.3 17.3
4H	4H 6H 8H 12 H 2H 3H	16.3 16.2 16.2 16.1 16.3	16.7 16.6 16.5 16.5	16.6 16.5 16.5	16.9 16.9 16.8	17.2 17.2 17.2	16.3 16.2	16.7 16.6	16.6	16.9	17.2
4H	6H 8H 12H 2H 3H	16.2 16.2 16.1 16.3	16.6 16.5 16.5	16.5 16.5	16.9 16.8	17.2 17.2	16.2	16.6			
4H	8н 12Н 2Н 3Н	16.2 16.1 16.3	16.5 16.5	16.5	16.8	17.2	10000000000		16.5	16.0	
4H	12H 2H 3H	16.1 16.3	16.5				100			10.5	17.2
4H	2H 3H	16.3	1000000	16.5	16.8		16.2	16.5	16.5	16.8	17.2
	ЗН		16.7			17.1	16. <mark>1</mark>	16.5	16.5	16.8	17.
		16.1		16.6	16.9	17.2	16.3	16.7	16.6	16.9	17.3
	4H		16.5	16.5	16.8	17.1	16.1	16.5	16.5	16.8	17.
		16.0	16.3	16.4	16.7	17.1	16.0	16.3	16.4	16.7	17.
	6H	15.9	16.2	16.4	16.6	17.0	15.9	16.2	16.4	16.6	17.0
	HS	15.9	16.1	16.3	16.5	17.0	15.9	16.1	16.3	16.5	17.0
	12H	15.8	16.1	16.3	16.5	16.9	15.8	16.1	16.3	16.5	16.
вн	4H	15.9	16.1	16.3	16.5	17.0	15.9	16.1	16.3	16.5	17.
	6H	15.8	16.0	16.3	16.4	16.9	15.8	16.0	16.3	16.4	16.
	H8	15.7	15.9	16.2	16.4	16.9	15.7	15.9	16.2	16.4	16.9
	12H	15.7	15.8	16.2	16.3	16.8	15.7	15.8	16.2	16.3	16.8
12H	4H	15.8	16.1	16.3	16.5	16.9	15.8	16.1	16.3	16.5	16.9
	6H	15.7	15.9	16.2	16.4	16.9	15.7	15.9	16.2	16.4	16.9
	8H	15.7	15.8	16.2	16.3	16.8	15.7	15.8	16.2	16.3	16.8
Variatio	ons wit	th the ot	oserver p	osition	at spacin	ig:	0.00				
S = .	1.0H		6.	5 / -24	.9	6.5 / -24.9					
	1.5H		9.	4 / -25	.6	9.4 / -25.6					