Design iGuzzini

iGuzzini

Last information update: May 2018

Recessed Frame luminaire - 5 cells - General Lighting Pro

Product code Q944



Technical description

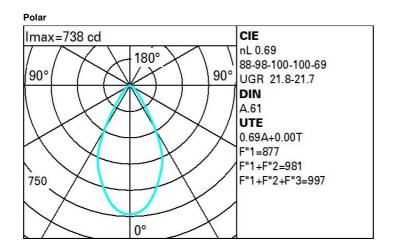
Rectangular recessed miniaturised luminaire with 5 optical elements for LED sources - fixed optics with metallised thermoplastic high definition Opti-Beam reflectors, integrated in a set-back position in the anti-glare screen. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Despite the ultracompact size of the product, the combination of a total white finish and the patented technology of the optic system guarantees an even and efficient luminous flux optimised by a special diffuser screen that reduces direct glare significantly. Supplied with an electronic power supply connected to the luminaire.

Installation

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 24 x 96.

White (01)	
Weight (Kg) 0.35	
Mounting wall recessed	
Wiring On power supply; terminal block with screw connection	included.
	Complies with EN60598-1 and pertinent regulation
IP20 IP23	
CE 🔬 ERI 🚥 ≪	
CE SIDET ERE Pending	
Product configuration: Q944	
Product characteristics	
Total lighting output [Lm]: 614	Total luminous flux at or above an angle of 90° [Lm]: 0
10tal liquiting output [Lin], 014	Emergency luminous flux [Lm]: /
Total power [W]: 12.4	
	Voltage [V]: - Number of optical assemblies: 1

Lamp code: LED ZVEI Code: LED Nominal power [W]: 9.8 Nominal luminous [Lm]: 890 Lamp maximum intensity [cd]: / Beam angle [°]: / Socket: / Ballast losses [W]: 2.6 Colour temperature [K]: 4000 CRI: 90 Wavelength [Nm]: / MacAdam Step: 3



R	77	75	73	71	55	53	33	00	DRR
K0.8	58	54	51	49	54	51	51	48	69
1.0	62	58	55	53	57	55	54	52	75
1.5	66	63	61	59	62	60	60	57	83
2.0	69	66	65	63	65	64	63	61	88
2.5	70	68	67	66	67	66	65	63	92
3.0	71	70	69	68	69	68	67	65	94
4.0	72	71	70	70	70	69	68	66	96
5.0	73	72	71	71	71	70	69	67	97

Luminance curve limit

20	Α	G 1.15	2000	1000	500		<-300		
	в	1.50		2000	1000	750	500	<=300	
	С	1.85			2000		1000	500	<=300
85° r									
Ŭ									8
5°									4
5°						1-			
5				$\langle \rangle$					2
5°									-
									-
5°		8 10 ³		2	3 4	5 6	8 10	,4	cd/m ²

UGR diagram

im y 2H 3H 4H 6H 8H 2H 2H 6H 8H 12H	0.70 0.50 0.20 21.9 21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	22.5 22.4 22.4 22.3 22.3 22.2 22.4 22.4 22.3 22.2	0.50 0.50 0.20 viewed 22.1 22.2 22.2 22.2 22.2 22.1 22.2 22.2 22.2 22.2 22.2 22.2	e 22.7 22.7 22.6 22.6 22.6 22.6 22.6 22.6	0.30 0.30 0.20 23.0 23.0 23.0 22.9 22.9 22.9 22.9 22.9 23.0	0.70 0.50 0.20 21.9 21.9 21.8 21.7 21.7 21.7 21.7 21.8 21.9	0.70 0.30 0.20 22.5 22.4 22.4 22.2 22.2 22.1 22.1 22.4 22.3	0.50 0.20 viewed endwise 22.1 22.2 22.2 22.1 22.1 22.1 22.1 22.	22.7 22.7 22.6 22.6 22.5 22.5 22.5	0.30 0.30 0.20 23.0 23.0 22.9 22.9 22.9 22.8 22.8
im y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.50 0.20 21.9 21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	0.30 0.20 22.5 22.4 22.4 22.3 22.3 22.2 22.4 22.3 22.2	0.50 0.20 viewed 22.1 22.2 22.2 22.2 22.2 22.2 22.1 22.2 22.1 22.2 22.2 22.2	0.30 0.20 e 22.7 22.7 22.6 22.6 22.6 22.6 22.6 22.6	0.30 0.20 23.0 23.0 23.0 22.9 22.9 22.9 22.9	0.50 0.20 21.9 21.9 21.8 21.7 21.7 21.7 21.8	0.30 0.20 22.5 22.4 22.4 22.2 22.2 22.1 22.4	0.50 0.20 viewed endwise 22.1 22.2 22.2 22.1 22.1 22.1 22.1 22.	0.30 0.20 22.7 22.7 22.6 22.6 22.5 22.5 22.5	0.30 0.20 23.0 23.0 22.9 22.9 22.9 22.8 23.0
im y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.20 21.9 21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	0.20 22.5 22.4 22.4 22.3 22.3 22.2 22.4 22.3 22.2	0.20 viewed crosswis 22.1 22.2 22.2 22.2 22.2 22.1 22.2 22.2 22.2 22.2 22.2	0.20 e 22.7 22.7 22.6 22.6 22.6 22.6 22.6 22.6	0.20 23.0 23.0 23.0 22.9 22.9 22.9 22.9	0.20 21.9 21.9 21.8 21.7 21.7 21.7 21.8	0.20 22.5 22.4 22.4 22.2 22.2 22.1 22.4	0.20 viewed endwise 22.1 22.2 22.2 22.1 22.1 22.1 22.1 22.	0.20 22.7 22.7 22.6 22.6 22.5 22.5 22.5	0.20 23.0 23.0 22.9 22.9 22.9 22.8 22.8
im y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	21.9 21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	22.5 22.4 22.4 22.3 22.3 22.2 22.4 22.4 22.3 22.2	viewed 22.1 22.2 22.2 22.2 22.2 22.1 22.2 22.1 22.2 22.2 22.2	e 22.7 22.7 22.6 22.6 22.6 22.6 22.6 22.6	23.0 23.0 23.0 22.9 22.9 22.9 22.9	21.9 21.9 21.8 21.7 21.7 21.7 21.7	22.5 22.4 22.4 22.2 22.2 22.1 22.1	viewed endwise 22.1 22.2 22.2 22.1 22.1 22.1 22.1 22.	22.7 22.7 22.6 22.6 22.5 22.5 22.5	23.0 23.0 22.9 22.9 22.9 22.8 22.8
y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	22.5 22.4 22.4 22.3 22.3 22.2 22.4 22.4 22.3 22.2	22.1 22.2 22.2 22.2 22.2 22.2 22.1 22.1	e 22.7 22.7 22.6 22.6 22.6 22.6 22.6 22.6	23.0 23.0 22.9 22.9 22.9 22.9	21.9 21.8 21.7 21.7 21.7 21.7 21.8	22.5 22.4 22.4 22.2 22.2 22.1 22.4	22.1 22.2 22.2 22.1 22.1 22.1 22.1 22.1	22.7 22.7 22.6 22.6 22.5 22.5 22.5	23.0 22.9 22.9 22.9 22.8 22.8
3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	22.4 22.3 22.3 22.2 22.4 22.4 22.3 22.2	22.2 22.2 22.2 22.2 22.1 22.1 22.2 22.2	22.7 22.6 22.6 22.6 22.6 22.6 22.6 22.6	23.0 23.0 22.9 22.9 22.9 22.9	21.9 21.8 21.7 21.7 21.7 21.7 21.8	22.4 22.4 22.2 22.2 22.1 22.4	22.2 22.2 22.1 22.1 22.1 22.1 22.2	22.7 22.6 22.6 22.5 22.5 22.5	23.0 22.9 22.9 22.9 22.8 22.8
3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	22.4 22.3 22.3 22.2 22.4 22.4 22.3 22.2	22.2 22.2 22.2 22.2 22.1 22.1 22.2 22.2	22.7 22.6 22.6 22.6 22.6 22.6 22.6 22.6	23.0 23.0 22.9 22.9 22.9 22.9	21.9 21.8 21.7 21.7 21.7 21.7 21.8	22.4 22.4 22.2 22.2 22.1 22.4	22.2 22.2 22.1 22.1 22.1 22.1 22.2	22.7 22.6 22.6 22.5 22.5 22.5	23.0 22.9 22.9 22.9 22.8 22.8
4H 6H 8H 12H 2H 3H 4H 6H 8H	21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	22.4 22.3 22.3 22.2 22.4 22.4 22.3 22.2	22.2 22.2 22.2 22.1 22.1 22.2 22.2	22.6 22.6 22.6 22.6 22.6 22.6 22.6	23.0 22.9 22.9 22.9 22.9	21.8 21.7 21.7 21.7 21.7 21.8	22.4 22.2 22.2 22.1 22.4	22.2 22.1 22.1 22.1 22.1 22.2	22.6 22.6 22.5 22.5 22.5	22.9 22.9 22.9 22.8 22.8
6H 8H 12H 2H 3H 4H 6H 8H	21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	22.3 22.3 22.2 22.4 22.3 22.2	22.2 22.2 22.1 22.2 22.2 22.2	22.6 22.6 22.6 22.6 22.6 22.6	22.9 22.9 22.9 22.9	21.7 21.7 21.7 21.7 21.8	22.2 22.2 22.1 22.4	22.1 22.1 22.1 22.2	22.6 22.5 22.5 22.6	22.9 22.9 22.8 23.0
8H 12H 2H 3H 4H 6H 8H	21.8 21.8 21.8 21.8 21.8 21.8 21.8	22.3 22.2 22.4 22.3 22.2	22.2 22.1 22.2 22.2	22.6 22.6 22.6 22.6 22.6	22.9 22.9 22.9	21.7 21.7 21.8	22.2 22.1 22.4	22.1 22.1 22.2	22.5 22.5 22.6	22.9 22.8 23.0
2H 2H 3H 4H 6H 8H	21.8 21.8 21.8 21.8 21.8 21.8	22.2 22.4 22.3 22.2	22.1 22.2 22.2	22.6 22.6 22.6	22.9 22.9	21.7 21.8	22.1 22.4	22.1 22.2	22.5 22.6	22.8
3H 4H 6H 8H	21.8 21.8 21.8	22.3 22.2	22.2	22.6						
3H 4H 6H 8H	21.8 21.8 21.8	22.3 22.2	22.2	22.6						
4H 6H 8H	21.8 21.8	22.2					113	22.2	22.7	23.0
6H 8H	21.8			22.6	23.0	21.8	22.2	22.2	22.6	23.0
8H		22.2	22.3	22.6	23.0	21.8	22.1	22.2	22.5	22.9
р	21.8	22.1	22.3	22.6	23.0	21.7	22.1	22.2	22.5	22.9
1211	21.8	22.1	22.3	22.5	23.0	21.7	22.0	22.2	22.4	22.9
4H	21.7	22.1	22.2	22.5	22.9	21.8	22.1	22.3	22.6	23.0
6H	21.8	22.0	22.3	22.5	23.0	21.8	22.1	22.3	22.5	23.0
8H	21.8	22.0	22.3	22.5	23.0	21.8	22.0	22.3	22.5	23.0
12H	21.8	22.0	22.3	22.5	23.0	21.8	22.0	22.3	22.5	23.0
4H	21.7	22.0	22.2	22.4	22.9	21.8	22.1	22.3	22.5	23.0
6H	21.7	22.0	22.2	22.4	22.9	21.8	22.0	22.3	22.5	23.0
8H	21.8	22.0	22.3	22.5	23.0	21.8	22.0	22.3	22.5	23.0
ns wi	th the ot	oserverp	osition	at spacin	ig:					
.0H		2	.4 / -2.	2			2	.4 / -2.	2	
.5H		4	.5 / -4	.7			4	.5 / -4.	7	
	2H 4H BH BH 13 Wi	2H 21.8 4H 21.7 8H 21.7 8H 21.8 ns with the of 0H 5H	2H 21.8 22.0 4H 21.7 22.0 5H 21.7 22.0 13H 21.8 22.0 rs with the observer p 0H 25H 4	2H 21.8 22.0 22.3 4H 21.7 22.0 22.2 8H 21.7 22.0 22.2 8H 21.8 22.0 22.3 rs with the observer position - 0H 2.4 / -2 5H 4.5 / -4	2H 21.8 22.0 22.3 22.5 4H 21.7 22.0 22.2 22.4 8H 21.7 22.0 22.2 22.4 8H 21.8 22.0 22.3 22.5 Is with the observer position at spacin OH 0H 2.4 / -2.2 5H 4.5 / -4.7	2H 21.8 22.0 22.3 22.5 23.0 4H 21.7 22.0 22.2 22.4 22.9 3H 21.7 22.0 22.2 22.4 22.9 3H 21.8 22.0 22.3 22.5 23.0 rs with the observer position at spacing: 0H 2.4 -2.2 5H 4.5 -4.7	2H 21.8 22.0 22.3 22.5 23.0 21.8 4H 21.7 22.0 22.2 22.4 22.9 21.8 3H 21.7 22.0 22.2 22.4 22.9 21.8 3H 21.8 22.0 22.3 22.5 23.0 21.8 ns with the observer position at spacing: 0H 2.4 / -2.2 5H 4.5 / -4.7	2H 21.8 22.0 22.3 22.5 23.0 21.8 22.0 4H 21.7 22.0 22.2 22.4 22.9 21.8 22.1 5H 21.7 22.0 22.2 22.4 22.9 21.8 22.0 BH 21.7 22.0 22.2 22.4 22.9 21.8 22.0 BH 21.8 22.0 22.3 22.5 23.0 21.8 22.0 Inswith the observer position at spacing: 0H 2.4 / -2.2 2 2 2 2 5H 4.5 / -4.7 4 4.5 -4.7 4 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$