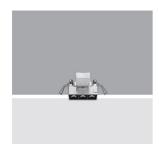
Design iGuzzini

iGuzzini

Last information update: June 2018



Minimal 3 cells - Flood beam - LED

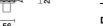
Product code

Q532

Technical description

Linear miniaturised recessed luminaire with 3 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. Ballast not included, available with separate code.

Recess



56 _____

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 28×58 .

Dimension (mm)

56x25x49

Colour

White (01) | Black (04) | Brass (14) | (E6)

Weight (Kg)

0.16

Mounting

wall recessed|ceiling recessed

Wiring

Direct current ballasts to be ordered separately: ON-OFF - code no. MXF9 (min 1 / max 2); dimmable DALI - code no. BZM4 (min 1 / max 6) - check the instruction sheet for the lengths and compatible cross-sections of the cables to be used.

Notes

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

Complies with EN60598-1 and pertinent regulations















Product configuration: Q532

Product characteristics

Total lighting output [Lm]: 448 Total power [W]: 5.9 Luminous efficacy [Lm/W]: 76

Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: /

Voltage [V]: -

Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 83

Lamp code: LED ZVEI Code: LED Nominal power [W]: 5.9 Nominal luminous [Lm]: 540 Lamp maximum intensity [cd]: /

Beam angle [°]: 42°

Number of lamps for optical assembly: 1 Socket: / Ballast losses [W]: 0

Colour temperature [K]: 4000 CRI: 90

Wavelength [Nm]: / MacAdam Step: 3

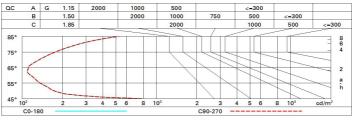
Polar

Imax=921 cd	CIE	Lux			
90° 180° 90°	nL 0.83 100-100-100-100-83	h	d	Em	Emax
	UGR <10-<10 DIN A.61 UTE	1	0.8	749	914
	0.83A+0.00T F"1=999	2	1.5	187	228
900	F"1+F"2=1000 F"1+F"2+F"3=1000 CIBSE	3	2.3	83	102
α=42°	LG3 L<1000 cd/m ² at 65°	4	3.1	47	57

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	80	77	76	79	77	76	74	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	87	85	83	100

Luminance curve limit



UGR diagram

Riffect: ceil/cav					
walls work pl. 0.50 0.30 0.50 0.30 0.50 0.30 0.50 0.30 0.50 0.30 0.50 0.30 0.50 0.30 0.50 0.20	0.50	0.30			
work pl. 0.20 viewed endwis 2H 2H 7.2 7.6 7.4 7.9 8.1 7.2 7.6 7.4 3H 7.0 7.5 7.3 7.7 8.0 7.0 7.4 7.3 4H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 8H 6.9 7.2 7.2 7.5 7.9 6.9 7.3 7.2 7.2 12H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 2H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 3H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 <		0.30			
Room dim X viewed crosswise viewed endwise viewed endwise 2H 2H 7.2 7.6 7.4 7.9 8.1 7.2 7.6 7.4 3H 7.0 7.5 7.3 7.7 8.0 7.0 7.5 7.3 4H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 6H 6.9 7.3 7.2 7.6 7.9 6.9 7.2 7.2 8H 6.9 7.2 7.2 7.5 7.9 6.9 7.2 7.2 12H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 2H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 3H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 2H 7.0 7.4 7.3 7.7 6.8 7.0 7.1 </th <th></th> <th>0.20</th>		0.20			
X Y crosswise endwise 2H 2H 7.2 7.6 7.4 7.9 8.1 7.2 7.6 7.4 3H 7.0 7.5 7.3 7.7 8.0 7.0 7.5 7.3 4H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 6H 6.9 7.3 7.2 7.6 7.9 6.9 7.3 7.2 7.2 7.5 7.9 6.9 7.3 7.2		0.20			
3H 7.0 7.5 7.3 7.7 8.0 7.0 7.5 7.3 4H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 6H 6.9 7.3 7.2 7.6 7.9 6.9 7.3 7.2 8H 6.9 7.2 7.2 7.5 7.9 6.9 7.2 7.2 12H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 2H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 3H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 2H 7.0 7.1 7.4 7.8 6.7 7.0 7.1 4H 6.7 7.0 7.1 7.4 7.8 6.7 7.0 7.1 4H 6.6 6.9 7.0 7.3 7.7 6.6	ве				
4H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 6H 6.9 7.3 7.2 7.6 7.9 6.9 7.3 7.2 8H 6.9 7.2 7.2 7.5 7.9 6.9 7.2 7.2 12H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 2H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 3H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 6.7 7.0 7.1 7.4 7.8 6.7 7.0 7.1 6H 6.6 6.9 7.1 7.3 7.7 6.6 6.9 7.1 8H 6.6 6.9 7.0 7.3 7.7 6.6 6.9 7.1 12H 6.6 6.8 7.0 7.2 7.7 6.5	7.9	8.1			
6H 6.9 7.3 7.2 7.6 7.9 6.9 7.3 7.2 8H 6.9 7.2 7.2 7.5 7.9 6.9 7.2 7.2 12H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 2H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 3H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 6.7 7.0 7.1 7.4 7.8 6.7 7.0 7.1 6H 6.6 6.9 7.1 7.3 7.7 6.6 6.9 7.1 8H 6.6 6.9 7.0 7.3 7.7 6.6 6.8 7.0 12H 6.6 6.8 7.0 7.2 7.7 6.5 6.8 7.0 8H 4H 6.6 6.8 7.0 7.2 7.6	7.7	8.0			
8H 6.9 7.2 7.2 7.5 7.9 6.9 7.2 7.2 7.2 7.5 7.9 6.8 7.2 7.2 7.2 7.5 7.9 6.8 7.2 7.2 7.2 7.5 7.9 6.8 7.2 7.2 7.2 7.5 7.9 6.8 7.2 7.2 7.2 7.5 7.9 6.8 7.2 7.2 7.2 7.5 7.9 6.8 7.2 7.2 7.2 7.5 7.9 6.8 7.2 7.2 7.2 7.5 7.9 6.8 7.2 7.2 7.2 7.2 7.9 6.8 7.2 6.5 6.8 7.0 7.2 7.7 6.6 6.9 7.0 7.2 7.7 6.6	7.7	8.0			
12H 68 72 7.2 7.5 7.9 6.8 7.2 7.2 4H 2H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 3H 68 7.2 7.2 7.5 7.9 6.8 7.2 7.2 4H 6.7 7.0 7.1 7.4 7.8 6.7 7.0 7.1 6H 6.6 6.9 7.1 7.3 7.7 6.6 6.9 7.1 8H 6.6 6.9 7.0 7.3 7.7 6.6 6.8 7.0 12H 6.6 6.8 7.0 7.2 7.7 6.5 6.8 7.0 8H 4H 6.6 6.8 7.0 7.3 7.7 6.6 6.9 7.0 8H 4H 6.6 6.8 7.0 7.3 7.7 6.6 6.9 7.0 8H 4H 6.6 6.8 7.0 7.2 7.7 6.5 6.6 6.9 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.7 7.0 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.7 7.0 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 6.9 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 7.0 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 6.9 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 6.9 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 6.9 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 6.9 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 6.9 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 6.9 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 6.9	7.6	7.9			
4H 2H 7.0 7.4 7.3 7.7 8.0 7.0 7.4 7.3 3H 6.8 7.2 7.2 7.5 7.9 6.8 7.2 7.0 7.1 7.1 7.4 7.8 6.7 7.0 7.1 6.6 6.9 7.0 7.3 7.7 6.6 6.8 7.0 7.3 7.7 6.6 6.8 7.0 7.2 7.7 6.5 6.8 7.0 7.2 7.7 6.5 6.8 7.0 7.2 7.7 6.5 6.8 7.0 7.2 7.7 6.5 6.8 7.0 7.2 7.6 6.5 6.7 7.0 8.8 6.5 6.7 7.0 7.2 7.6 6.5 6.6 6.9 7.1 7.6	7.5	7.9			
3H 68 72 7.2 7.5 7.9 6.8 7.2 7.2 4H 6.7 7.0 7.1 7.4 7.8 6.7 7.0 7.1 6.6 6.9 7.1 6.6 6.9 7.1 6.6 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 7.0 6.8 6.8 7.0 6.9 6.8 7.0 6.9 6.8 7.0 6.9 6.8 7.0 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9	7.5	7.8			
H	7.7	8.0			
8H	7.5	7.9			
8H	7.4	7.8			
12H		7.7			
8H 4H 6.6 6.8 7.0 7.3 7.7 6.6 6.9 7.0 6.6 6.9 7.0 6.6 6.9 7.0 6.6 6.9 7.0 6.6 6.7 7.0 6.6 6.5 6.7 7.0 6.6 6.9 6.9 6.5 6.7 7.0 6.5 6.6 6.9 6.9 6.9 6.9 6.9 6.9 6.4 6.6 6.9 6.9 6.9 6.4 6.6 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9	7.3	7.7			
6H 65 6.7 7.0 7.2 7.6 6.5 6.7 7.0 8H 65 6.8 7.0 7.1 7.6 6.5 6.6 6.9 7.1 7.6 6.5 6.6 6.9 7.1 7.6 6.4 6.6 6.9 7.1 7.6 6.4 6.6 6.9 7.1 7.6 6.4 6.6 6.9 7.0 7.2 7.7 6.6 6.8 7.0 6.4 6.6 6.8 7.0 6.4 6.6 6.8 7.0 6.4 6.6 6.8 7.0 6.4 6.6 6.8 7.0 6.4 6.6 6.9 7.1 7.6 6.5 6.6 7.0 6.4 6.6 6.9 7.0 7.6 6.4 6.6 6.9 7.0 7.8 6.4 6.6 6.9 7.0 7.8 6.4 6.6 6.9 6.9	7.2	7.7			
8H 6.5 6.6 6.9 7.1 7.6 6.5 6.6 6.9 12H 6.4 6.6 6.9 7.1 7.6 6.5 6.6 6.9 7.1 7.6 6.4 6.6 6.9 12H 6.5 6.8 7.0 7.2 7.7 6.6 6.8 7.0 6.4 6.6 6.8 7.0 6.4 6.6 6.8 7.0 6.5 6.6 6.8 7.0 6.5 6.6 6.8 7.0 6.5 6.6 6.8 7.0 6.5 6.6 6.8 7.0 6.4 6.6 6.9 7.0 7.6 6.4 6.6 6.9 7.0 7.8 6.4 6.6 6.9 7.0 7.8 6.4 6.6 6.9	7.3	7.7			
12H 6.4 6.6 6.9 7.1 7.6 6.4 6.6 6.9 12H 4H 6.5 6.8 7.0 7.2 7.7 6.6 6.8 7.0 6H 6.5 6.6 6.9 7.1 7.6 6.5 6.6 7.0 8H 6.4 6.6 6.9 7.0 7.6 6.4 6.6 6.9	7.2	7.6			
12H 4H 6.5 6.8 7.0 7.2 7.7 6.6 6.8 7.0 6.6 6.8 7.0 6.6 6.8 7.0 6.6 6.8 7.0 6.5 6.6 6.9 7.1 7.6 6.5 6.6 7.0 6.4 6.6 6.9 7.0 7.6 6.4 6.6 6.9		7.6			
6H 6.5 6.6 6.9 7.1 7.6 6.5 6.6 7.0 8H 6.4 6.6 6.9 7.0 7.6 6.4 6.6 6.9	7.0	7.6			
8H 6.4 6.6 6.9 7.0 7.6 6.4 6.6 6.9		7.7			
	7.1	7.6			
Variations with the observer position at spacing:	7.1	7.6			
	7.0 / -14.5				
1.5H 9.8 / -14.7 9.8 / - 2.0H 11.8 / -14.8 11.8 / -	9.8 / -14.7				