iGuzzini

Last information update: August 2025

Product configuration: QJ25

QJ25: Minimal 9 cells - Wide Flood beam - LED



Product code

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Technical description

Square miniaturised recessed luminaire with 9 optical elements for LED lamps - fixed optic. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient luminous flux and a high level of controlled glare visual comfort. Main body with die-cast aluminium radiant surface, minimal (frameless) version for mounting flush with the ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Metallised, thermoplastic, high definition Opti Beam reflector, integrated in a set-back position in the anti-glare screen. Supplied with a dimmable DALI power supply unit connected to the luminaire.

Installation

Colour

The luminaire is recessed in the specific adapter (QJ91) by means of a steel wire spring, previously installed on the ceiling that can be 12.5 / 15 / 20 mm thick. A special protective sheath allows finishing operations on the plasterboard to be simplified and speeded up

Weight (Kg)

0.27





White (01) | Black (04) | Gold (14)* | Burnished chrome (E6)*

* Colours on request

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: | 1121 | Colour temperature [K]: | 2700 |
| W system: | 17.7 | MacAdam Step: | 2 |
| Im source: | 1350 | Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) |
| W source: | 15 | Voltage [Vin]: | 230 |
| Luminous efficiency (Im/W, | 63.3 | Lamp code: | LED |
| real value): | | Number of lamps for optical | 1 |
| Im in emergency mode: | - | assembly: | |
| | 0 | ZVEI Code: | LED |
| an angle of 90° [Lm]: | | Number of optical | 1 |
| Light Output Ratio (L.O.R.) | 83 | assemblies: | |
| [%]: | | Control: | DALI-2 |
| Beam angle [°]: | 58° | | |
| CRI (minimum): | 90 | | |

Polar

| | | Lux | | | |
|-----|--|------------------|-----|------|------|
| 90° | nL 0.83 100-100-100-100-83 | h | d | Em | Emax |
| | UGR 15.6-15.6 DIN A.61 | 1 | 1.1 | 1135 | 1416 |
| | UTE 0.83A+0.00T F"1=996 | 2 | 2.2 | 284 | 354 |
| | F"1+F"2=1000 F"1+F"2+F"3=1000 CIBSE | 3 | 3.3 | 126 | 157 |
| | LG3 L<1500 cd/m ² at 65° UGR<16 L<1500 cd/mq @ | _{65°} 4 | 4.4 | 71 | 89 |

| Utilisation | factors |
|-------------|---------|
| Ullisation | acions |

| 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

| 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° | | | | - | | | | | TI | 8 |
| 75° | | _ | | | | $\left \left\{ \left\{ \right. \right\} \right.$ | HH | | | 4 |
| 65° | - | | | | | \rightarrow | \square | | | 2 |
| 55° | | | | | | | | | | a, h |
| 45° 1 | 0 ² | | 2 | 3 4 5 | 568 | 10 ³ | 2 3 | 4 5 6 | 8 10 ⁴ | cd/m ² |
| | C0-180 | | | | | | C90-270 - | | | |

UGR diagram

| Rifle | et : | | | | | | | | | | |
|---------|----------|-----------|-----------|---------|-----------|-------------|--------------------|------|---------|------|------|
| ce il/c | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| walls | 3 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| work | pl. | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| | n dim | 8351000 | | viewed | | | 0.0000000 | | viewed | | |
| x | У | | c | rosswis | e | | | | endwise | | |
| 2H | 2H | 16.2 | 16.8 | 16.4 | 17.0 | 17.2 | 16.2 | 16.8 | 16.4 | 17.0 | 17.2 |
| | ЗH | 16.0 | 16.6 | 16.3 | 16.8 | 17.1 | 16.0 | 16.6 | 16.3 | 16.8 | 17. |
| | 4H | 16.0 | 16.5 | 16.3 | 16.7 | 17.0 | 16.0 | 16.5 | 16.3 | 16.7 | 17.0 |
| | 6H | 15.9 | 16.3 | 16.2 | 16.6 | 17.0 | 15.9 | 16.3 | 16.2 | 16.6 | 17.0 |
| | BH | 15.8 | 16.3 | 16.2 | 16.6 | 16.9 | 15.8 | 16.3 | 16.2 | 16.6 | 16.9 |
| | 12H | 15.8 | 16.2 | 16.2 | 16.6 | 16.9 | <mark>15.</mark> 8 | 16.2 | 16.2 | 16.6 | 16.9 |
| 4H | 2H | 16.0 | 16.5 | 16.3 | 16.7 | 17.0 | 16.0 | 16.5 | 16.3 | 16.7 | 17. |
| | ЗH | 15.8 | 16.2 | 16.2 | 16.6 | 16.9 | 15.8 | 16.2 | 16.2 | 16.6 | 16.9 |
| | 4H | 15.7 | 16.1 | 16.1 | 16.4 | 16.8 | 15.7 | 16.1 | 16.1 | 16.4 | 16.8 |
| | 6H | 15.6 | 15.9 | 16.1 | 16.3 | 16.8 | 15.6 | 15.9 | 16.1 | 16.3 | 16.8 |
| | BH | 15.6 | 15.9 | 16.0 | 16.3 | 16.7 | 15.6 | 15.9 | 16.0 | 16.3 | 16.1 |
| | 12H | 15.5 | 15.8 | 16.0 | 16.2 | 16.7 | 15.5 | 15.8 | 16.0 | 16.2 | 16. |
| вн | 4H | 15.6 | 15.9 | 16.0 | 16.3 | 16.7 | 15.6 | 15.9 | 16.0 | 16.3 | 16. |
| | 6H | 15.5 | 15.7 | 16.0 | 16.2 | 16.7 | 15.5 | 15.7 | 16.0 | 16.2 | 16. |
| | BH | 15.4 | 15.6 | 15.9 | 16.1 | 16.6 | 15.4 | 15.6 | 15.9 | 16.1 | 16.0 |
| | 12H | 15.4 | 15.6 | 15.9 | 16.0 | 16.6 | 15.4 | 15.6 | 15.9 | 16.0 | 16.0 |
| 12H | 4H | 15.5 | 15.8 | 16.0 | 16.2 | 16.7 | 15.5 | 15.8 | 16.0 | 16.2 | 16. |
| | 6H | 15.4 | 15.6 | 15.9 | 16.1 | 16.6 | 15.4 | 15.6 | 15.9 | 16.1 | 16.0 |
| | H8 | 15.4 | 15.6 | 15.9 | 16.0 | 16.6 | 15.4 | 15.6 | 15.9 | 16.0 | 16.0 |
| Varia | tions wi | th the ot | oserver p | osition | at spacin | g: | | | | | |
| S = | 1.0H | | 6. | 5 / -24 | .9 | 6.5 / -24.9 | | | | | |
| | 1.5H | | 4 / -25 | .6 | | 9. | 4 / -25 | .6 | | | |