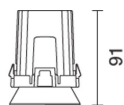


Last information update: April 2025

Product configuration: QA56.01

QA56.01: Fixed round recessed luminaire - Minimal - wide flood - Super Comfort - White

**Product code**

QA56.01: Fixed round recessed luminaire - Minimal - wide flood - Super Comfort - White

Technical description

Minimal round recessed luminaire (frameless). Super Comfort fixed version: the LEDs are set a long way back to minimize glare and guarantee a high level of visual comfort. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - wide flood optic. Die-cast aluminium structure designed for flush with ceiling installation - a specific adapter with a separate code is available for false ceilings. This is indispensable for installing recessed luminaires. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included LED lamp with high color rendering index. Power unit available with a separate code no.

Installation

The luminaire is recessed in the adapter (QA82) by means of an anti-fall steel wire spring, previously installed on the ceiling that can be between 12.5 and 25 mm thick. A special steel spring required to extract the main body of the adapter after it has been installed is included in the package.

Colour

White (01)

Weight (Kg)

0.13

Mounting

ceiling recessed

Wiring

Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

A wide range of decorative accessories and diffusers is available.

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|------|---------------------------------------|---------------------------------|
| Im system: | 992 | CRI (minimum): | 90 |
| W system: | 10 | Colour temperature [K]: | 2700 |
| Im source: | 1240 | MacAdam Step: | 2 |
| W source: | 10 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value): | 99.2 | Lamp code: | LED |
| Im in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 80 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 56° | LED current [mA]: | 300 |

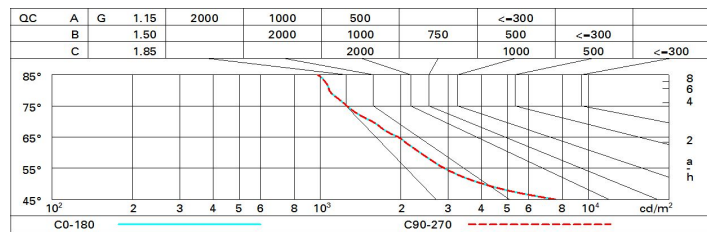
Polar

| | | CIE nL 0.80 98-100-100-100-80 UGR 16.0-16.0 DIN A.61 UTE 0.80A+0.00T F*1=97.9 F*1+F*2=996 F*1+F*2+F*3=999 CIBSE LG3 L<3000 cd/m² at 65° UGR<16 L<3000 cd/mq @ 65° | | Lux | | | |
|---|-----|--|------|------------|--|--|--|
| h | d | Em | Emax | | | | |
| 1 | 1 | 1031 | 1311 | | | | |
| 2 | 2.1 | 258 | 328 | | | | |
| 3 | 3.1 | 115 | 146 | | | | |
| 4 | 4.2 | 64 | 82 | | | | |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 72 | 68 | 65 | 63 | 67 | 65 | 64 | 62 | 77 |
| 1.0 | 75 | 71 | 69 | 67 | 71 | 68 | 68 | 65 | 82 |
| 1.5 | 79 | 76 | 74 | 72 | 75 | 73 | 73 | 70 | 88 |
| 2.0 | 81 | 79 | 78 | 76 | 78 | 77 | 76 | 74 | 92 |
| 2.5 | 83 | 81 | 80 | 79 | 80 | 79 | 78 | 76 | 95 |
| 3.0 | 84 | 83 | 82 | 81 | 81 | 81 | 80 | 78 | 97 |
| 4.0 | 85 | 84 | 84 | 83 | 83 | 82 | 81 | 79 | 99 |
| 5.0 | 85 | 85 | 84 | 84 | 83 | 83 | 82 | 80 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 1240 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.: ceiling walls work pl. Room dim x y | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| | | viewed crosswise | | | | | viewed endwise | | | | |
| 2H | 2H | 10.5 | 17.1 | 10.7 | 17.3 | 17.5 | 10.5 | 17.1 | 10.7 | 17.3 | 17.5 |
| | 3H | 10.4 | 10.9 | 10.7 | 17.2 | 17.4 | 10.3 | 10.9 | 10.7 | 17.2 | 17.4 |
| | 4H | 10.3 | 10.8 | 10.6 | 17.1 | 17.4 | 10.3 | 10.8 | 10.6 | 17.1 | 17.4 |
| | 6H | 10.2 | 10.7 | 10.6 | 17.0 | 17.3 | 10.2 | 10.7 | 10.5 | 17.0 | 17.3 |
| | 8H | 10.2 | 10.6 | 10.6 | 17.0 | 17.3 | 10.2 | 10.6 | 10.5 | 16.9 | 17.3 |
| | 12H | 10.2 | 10.6 | 10.5 | 10.9 | 17.3 | 10.1 | 10.6 | 10.5 | 10.9 | 17.2 |
| 4H | 2H | 10.3 | 10.8 | 10.6 | 17.1 | 17.4 | 10.3 | 10.8 | 10.6 | 17.1 | 17.4 |
| | 3H | 10.2 | 10.6 | 10.5 | 10.9 | 17.3 | 10.2 | 10.6 | 10.5 | 10.9 | 17.3 |
| | 4H | 10.1 | 10.5 | 10.5 | 10.8 | 17.2 | 10.1 | 10.5 | 10.5 | 10.8 | 17.2 |
| | 6H | 10.0 | 10.3 | 10.4 | 10.7 | 17.2 | 10.0 | 10.3 | 10.4 | 10.7 | 17.2 |
| | 8H | 10.0 | 10.3 | 10.4 | 10.7 | 17.1 | 10.0 | 10.3 | 10.4 | 10.7 | 17.1 |
| | 12H | 15.9 | 10.2 | 10.4 | 10.6 | 17.1 | 15.9 | 10.2 | 10.4 | 10.6 | 17.1 |
| 8H | 4H | 10.0 | 10.3 | 10.4 | 10.7 | 17.1 | 10.0 | 10.3 | 10.4 | 10.7 | 17.1 |
| | 6H | 15.9 | 10.1 | 10.4 | 10.6 | 17.1 | 15.9 | 10.1 | 10.4 | 10.6 | 17.1 |
| | 8H | 15.9 | 10.1 | 10.3 | 10.5 | 17.0 | 15.9 | 10.1 | 10.3 | 10.5 | 17.0 |
| | 12H | 15.8 | 10.0 | 10.3 | 10.5 | 17.0 | 15.8 | 10.0 | 10.3 | 10.5 | 17.0 |
| 12H | 4H | 15.9 | 10.2 | 10.4 | 10.6 | 17.1 | 15.9 | 10.2 | 10.4 | 10.6 | 17.1 |
| | 6H | 15.8 | 10.1 | 10.3 | 10.5 | 17.0 | 15.9 | 10.1 | 10.3 | 10.5 | 17.0 |
| | 8H | 15.8 | 10.0 | 10.3 | 10.5 | 17.0 | 15.8 | 10.0 | 10.3 | 10.5 | 17.0 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 6.1 / -9.6 | | | | | 6.1 / -9.6 | | | | |
| | 1.5H | 8.9 / -10.4 | | | | | 8.9 / -10.4 | | | | |
| | 2.0H | 10.8 / -11.0 | | | | | 10.8 / -11.0 | | | | |