

Last information update: March 2025

Product configuration: QI52.E9

QI52.E9: Ø59 Deco - Phase-Cut Dim - Medium Beam - 15W 951.4lm - 3000K - CRI 90 - White / gold satin-finish

**Product code**

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Technical description

Cylindrical lighting body for ceiling or pendant-mounted applications. Fixed optic lighting system with a high definition reflector made of metallised thermoplastic. A decorative terminal element - in thick transparent PMMA - emphasises and elegantly defines light diffusion. Structural cylinder made of painted extruded aluminium with an inner ring made of black thermoplastic. Glass cover Using specific accessory kits, ceiling or pendant-mounted installations can be made with minimum intervention and simplified by a practical bayonet coupling system. Dimmable driver - phase cut - integrated in luminaire.

Installation

Ceiling or pendant-mounted - use the appropriate assembly kits available with a separate item code.

Colour

Black / Black (43) | Black / White (47)

Weight (Kg)

0.49

Mounting

ceiling surface|ceiling pendant

Wiring

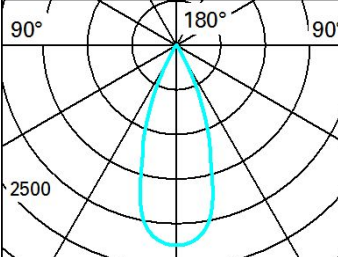
The lighting body is fitted with an internal terminal board for connectinf it to the power line or pendant cable.

Complies with EN60598-1 and pertinent regulations

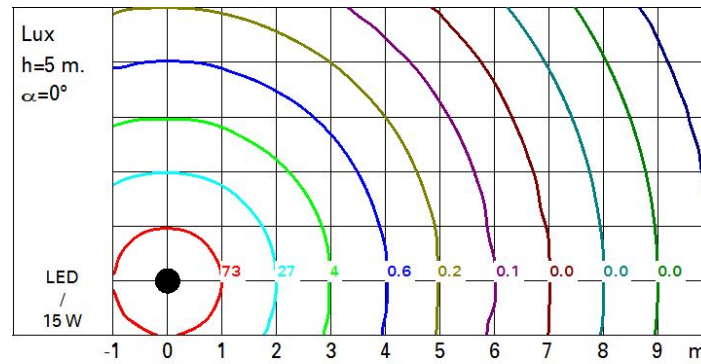
**Technical data**

| | | | |
|--|------|--|---|
| lm system: | 951 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W system: | 15 | Voltage [Vin]: | 230 |
| lm source: | 1340 | Lamp code: | LED |
| W source: | 13 | Number of lamps for optical assembly: | 1 |
| Luminous efficiency (lm/W, real value): | 63.4 | ZVEI Code: | LED |
| lm in emergency mode: | - | Number of optical assemblies: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Power factor: | See installation instructions |
| Light Output Ratio (L.O.R.) [%]: | 71 | Inrush current: | 1.87 A / 48 µs |
| Beam angle [°]: | 38° | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 97 luminaires B16A: 155 luminaires C10A: 161 luminaires C16A: 263 luminaires |
| CRI (minimum): | 90 | Minimum dimming %: | 5 |
| Colour temperature [K]: | 3000 | Overvoltage protection: | 2kV Common mode & 1kV Differential mode |
| MacAdam Step: | 2 | Control: | Phase-cut |

Polar

| Imax=2242 cd | | Lux | | | |
|---|--|-----|-----|-----|------|
|  | | h | d | Em | Emax |
| | | 2 | 1.4 | 450 | 560 |
| | | 4 | 2.8 | 113 | 140 |
| | | 6 | 4.2 | 50 | 62 |
| | | 8 | 5.6 | 28 | 35 |
| $\alpha=39^\circ$ | | | | | |

Isolux



UGR diagram

| Corrected UGR values (at 1340 lm bare lamp luminous flux) | | | | | | | | | | | |
|---|-----|------------------|------|------|------|------|----------------|------|------|------|------|
| Reflect.: | | viewed crosswise | | | | | viewed endwise | | | | |
| ceiling | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| walls | | 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 |
| Room dim | | viewed crosswise | | | | | viewed endwise | | | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 8.4 | 8.9 | 8.6 | 9.1 | 9.3 | 8.5 | 9.0 | 8.8 | 9.2 | 9.4 |
| | 3H | 8.7 | 9.1 | 9.0 | 9.4 | 9.6 | 8.5 | 8.9 | 8.8 | 9.2 | 9.4 |
| | 4H | 9.0 | 9.4 | 9.3 | 9.7 | 10.0 | 8.4 | 8.9 | 8.8 | 9.1 | 9.4 |
| | 6H | 9.3 | 9.7 | 9.6 | 10.0 | 10.3 | 8.4 | 8.8 | 8.8 | 9.1 | 9.4 |
| | 8H | 9.4 | 9.7 | 9.7 | 10.1 | 10.4 | 8.4 | 8.8 | 8.8 | 9.1 | 9.4 |
| | 12H | 9.4 | 9.8 | 9.8 | 10.1 | 10.5 | 8.4 | 8.7 | 8.7 | 9.1 | 9.4 |
| 4H | 2H | 8.3 | 8.7 | 8.6 | 9.0 | 9.3 | 9.2 | 9.6 | 9.5 | 9.9 | 10.2 |
| | 3H | 8.8 | 9.1 | 9.2 | 9.5 | 9.8 | 9.3 | 9.7 | 9.7 | 10.0 | 10.4 |
| | 4H | 9.2 | 9.6 | 9.6 | 9.9 | 10.3 | 9.4 | 9.7 | 9.8 | 10.1 | 10.5 |
| | 6H | 9.7 | 10.0 | 10.1 | 10.4 | 10.8 | 9.5 | 9.8 | 10.0 | 10.2 | 10.6 |
| | 8H | 9.8 | 10.1 | 10.3 | 10.5 | 11.0 | 9.6 | 9.8 | 10.0 | 10.2 | 10.7 |
| | 12H | 9.9 | 10.2 | 10.4 | 10.6 | 11.0 | 9.5 | 9.8 | 10.0 | 10.2 | 10.7 |
| 8H | 4H | 9.4 | 9.6 | 9.8 | 10.0 | 10.5 | 10.1 | 10.3 | 10.5 | 10.8 | 11.2 |
| | 6H | 10.0 | 10.2 | 10.4 | 10.6 | 11.1 | 10.3 | 10.5 | 10.8 | 11.0 | 11.4 |
| | 8H | 10.2 | 10.3 | 10.6 | 10.8 | 11.3 | 10.4 | 10.6 | 10.9 | 11.0 | 11.5 |
| | 12H | 10.3 | 10.4 | 10.8 | 10.9 | 11.5 | 10.4 | 10.6 | 10.9 | 11.1 | 11.6 |
| 12H | 4H | 9.4 | 9.6 | 9.8 | 10.0 | 10.5 | 10.2 | 10.4 | 10.6 | 10.8 | 11.3 |
| | 6H | 10.0 | 10.2 | 10.5 | 10.6 | 11.1 | 10.4 | 10.6 | 10.9 | 11.1 | 11.6 |
| | 8H | 10.2 | 10.4 | 10.7 | 10.9 | 11.4 | 10.5 | 10.7 | 11.0 | 11.2 | 11.7 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = 1.0H | | 3.2 / -1.7 | | | | | 3.1 / -1.7 | | | | |
| 1.5H | | 5.4 / -1.9 | | | | | 5.4 / -1.8 | | | | |
| 2.0H | | 7.2 / -1.9 | | | | | 7.2 / -1.8 | | | | |