

Last information update: November 2024

Product configuration: QB94+QB65.01

QB94: Down plate - DALI - Working UGR < 19 - LED Neutral - L 1196

QB65.01: Initial module - Frame Down - UGR < 19 / Office / Working - L 1208 - White

Product code

QB94: Down plate - DALI - Working UGR < 19 - LED Neutral - L 1196

Technical description

LED module set up for housing in initial or intermediate system profiles. High efficiency down emission for Working profiles (with a controlled luminance micro-prismatic screen). DALI dimmable control gear integrated in the luminaire. Extruded aluminium heat sink; high emission yield flux enhancer. Neutral 4000K LED

Installation

Module insertion on profiles facilitated by a quick coupling system.

Colour

Indeterminate (00)

Weight (Kg)

1.28

Wiring

Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated dimmable digital DALI control gear.

Complies with EN60598-1 and pertinent regulations



Product code

QB65.01: Initial module - Frame Down - UGR < 19 / Office / Working - L 1208 - White

Technical description

Initial profile in extruded aluminium - Frame version with contact frame; micro-prismatic PMMA screen for controlled luminance emission UGR < 19 - 3000 cd/m2 (working lighting); screen set up for connecting several lengths by overlapping.

Installation

Recessed using the brackets on the profile. The initial modules can be used individually if completed with accessory caps and the required LED module.

Colour

White (01)

Weight (Kg)

2.55

Mounting

ceiling recessed

Wiring

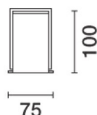
Set up to house the LED modules required by the system.

Notes

Take care with the system configuration. To make continuous lines of lighting, use the intermediate modules. To complete a continuous line correctly there must always be an initial module at the start or end of the composition.

TPb rated. TPa version available on request, contact iGuzzini for more info

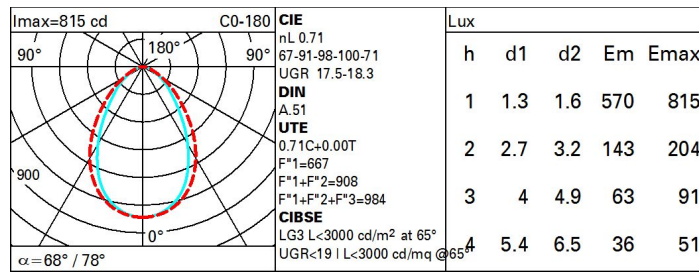
Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|--|-------|--|--|
| Im system: | 1314 | Lamp code: | LED |
| W system: | 9 | Number of lamps for optical assembly: | 1 |
| Im source: | 1850 | ZVEI Code: | LED |
| W source: | 9 | Number of optical assemblies: | 1 |
| Luminous efficiency (Im/W, real value): | 145.9 | Power factor: | See installation instructions |
| Im in emergency mode: | - | Inrush current: | 18 A / 250 µs |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires |
| Light Output Ratio (L.O.R.) [%]: | 71 | Minimum dimming %: | 1 |
| CRI (minimum): | 80 | Overvoltage protection: | 2kV Common mode & 1kV Differential mode |
| Colour temperature [K]: | 4000 | Control: | DALI-2 |
| MacAdam Step: | 3 | | |

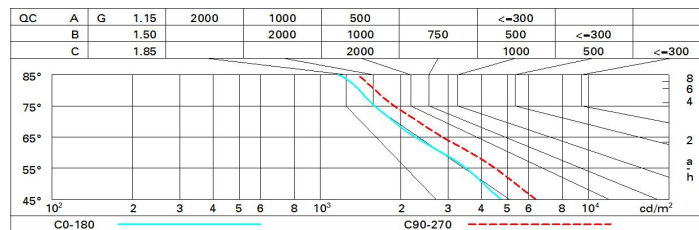
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 53 | 47 | 43 | 40 | 46 | 42 | 42 | 38 | 54 |
| 1.0 | 57 | 52 | 48 | 45 | 51 | 47 | 47 | 43 | 61 |
| 1.5 | 64 | 59 | 56 | 53 | 58 | 55 | 54 | 51 | 72 |
| 2.0 | 67 | 64 | 61 | 59 | 62 | 60 | 59 | 56 | 79 |
| 2.5 | 69 | 66 | 64 | 62 | 65 | 63 | 62 | 59 | 83 |
| 3.0 | 71 | 68 | 66 | 65 | 67 | 65 | 64 | 61 | 86 |
| 4.0 | 72 | 70 | 69 | 67 | 69 | 68 | 66 | 64 | 90 |
| 5.0 | 73 | 72 | 70 | 69 | 70 | 69 | 68 | 65 | 92 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 1850 lm bare lamp luminous flux) | | | | | | | | | | | | |
|--|-----|---------------------|------------|------|------------|------|-------------------|------|------|------|------|--|
| Reflect.: ceiling/cav 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 | 15.8 | 16.7 | 16.1 | 17.0 | 17.3 | 17.1 | 18.1 | 17.4 | 18.3 | 18.6 | |
| | 3H | 16.4 | 17.3 | 16.7 | 17.5 | 17.8 | 17.3 | 18.1 | 17.6 | 18.4 | 18.7 | |
| | 4H | 16.6 | 17.4 | 16.9 | 17.7 | 18.0 | 17.3 | 18.1 | 17.7 | 18.4 | 18.7 | |
| | 6H | 16.7 | 17.5 | 17.1 | 17.8 | 18.2 | 17.3 | 18.0 | 17.6 | 18.3 | 18.7 | |
| | 8H | 16.8 | 17.5 | 17.2 | 17.9 | 18.2 | 17.2 | 18.0 | 17.6 | 18.3 | 18.6 | |
| | 12H | 16.8 | 17.5 | 17.2 | 17.9 | 18.2 | 17.2 | 17.9 | 17.6 | 18.2 | 18.6 | |
| 4H | 2H | 16.2 | 17.0 | 16.5 | 17.3 | 17.6 | 17.9 | 18.7 | 18.2 | 19.0 | 19.3 | |
| | 3H | 16.9 | 17.6 | 17.3 | 17.9 | 18.3 | 18.2 | 18.9 | 18.6 | 19.2 | 19.6 | |
| | 4H | 17.2 | 17.8 | 17.6 | 18.2 | 18.6 | 18.3 | 18.9 | 18.7 | 19.3 | 19.7 | |
| | 6H | 17.5 | 18.0 | 17.9 | 18.4 | 18.8 | 18.3 | 18.9 | 18.8 | 19.3 | 19.7 | |
| | 8H | 17.5 | 18.0 | 18.0 | 18.4 | 18.9 | 18.3 | 18.8 | 18.8 | 19.2 | 19.7 | |
| | 12H | 17.6 | 18.0 | 18.0 | 18.5 | 18.9 | 18.3 | 18.8 | 18.8 | 19.2 | 19.7 | |
| 8H | 4H | 17.3 | 17.8 | 17.8 | 18.2 | 18.7 | 18.6 | 19.1 | 19.0 | 19.5 | 19.9 | |
| | 6H | 17.7 | 18.1 | 18.1 | 18.5 | 19.0 | 18.7 | 19.1 | 19.2 | 19.6 | 20.0 | |
| | 8H | 17.8 | 18.1 | 18.3 | 18.6 | 19.1 | 18.7 | 19.1 | 19.2 | 19.6 | 20.1 | |
| | 12H | 17.9 | 18.2 | 18.4 | 18.7 | 19.2 | 18.8 | 19.1 | 19.3 | 19.5 | 20.1 | |
| 12H | 4H | 17.3 | 17.7 | 17.8 | 18.2 | 18.6 | 18.6 | 19.1 | 19.1 | 19.5 | 20.0 | |
| | 6H | 17.7 | 18.0 | 18.2 | 18.5 | 19.0 | 18.8 | 19.1 | 19.3 | 19.6 | 20.1 | |
| | 8H | 17.8 | 18.1 | 18.3 | 18.6 | 19.2 | 18.8 | 19.1 | 19.3 | 19.6 | 20.1 | |
| Variations with the observer position at spacing: | | | | | | | | | | | | |
| S = | | 1.0H | 0.5 / -0.5 | | 0.3 / -0.5 | | | | | | | |
| | | 1.5H | 0.6 / -1.3 | | 0.8 / -1.2 | | | | | | | |
| | | 2.0H | 1.2 / -1.9 | | 1.8 / -1.8 | | | | | | | |