

Last information update: November 2024

**Product configuration: QB71+QC02.12**

QB71: Initial module Minimal DownUGR < 19 / Office / WorkingL 1208

QC02.12: Down plate - DALI - Working UGR < 19 - LED Warm - L 1196 - 11W 1195lm - 3000K - Aluminium

**Product code**

QB71: Initial module Minimal DownUGR < 19 / Office / WorkingL 1208

**Technical description**

Initial profile in extruded aluminium - Minimal (frameless) version for flush with ceiling mounting; 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**

Installation can be recessed, surface, ceiling and pendant-mounted using suitable accessories to be ordered separately. The initial modules can be used individually for various applications if completed with accessory caps and the required LED module.

**Colour**

White (01) | Black (04) | Aluminium (12)

**Weight (Kg)**

2.35

**Mounting**

ceiling recessed | ceiling surface | ceiling pendant

**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



**Product code**

QC02.12: Down plate - DALI - Working UGR < 19 - LED Warm - L 1196 - 11W 1195lm - 3000K - Aluminium

**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. Warm 3000K 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.

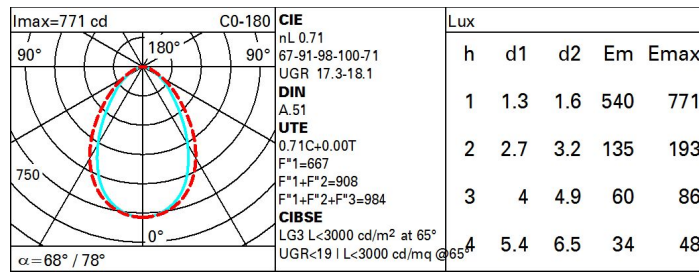
Complies with EN60598-1 and pertinent regulations



**Technical data**

|  |      |                                       |                                 |
|--|------|---------------------------------------|---------------------------------|
| Im system:   | 1243 | CRI (minimum):                        | 80                              |
| W system:  | 11   | Colour temperature [K]:               | 3000                            |
| Im source:   | 1750 | MacAdam Step:                         | 3                               |
| W source:  | 9    | Life Time LED 1:                      | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value):            | 113  | 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.) [%]:                   | 71   | Number of optical assemblies:         | 1                               |

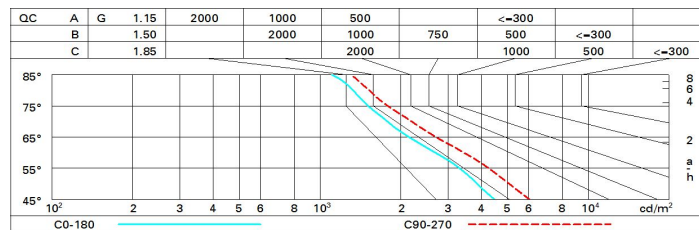
# Polar



# 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 1750 lm bare lamp luminous flux)        |     |                     |            |      |            |      |                   |      |      |      |      |      |
|--|-----|---------------------|------------|------|------------|------|-------------------|------|------|------|------|------|
| Reflect.:<br>ceiling/cav<br>walls<br>work pl.<br>Room dim<br>x y |     | 0.70                | 0.70       | 0.50 | 0.50       | 0.30 | 0.70              | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 |
|  |     | 0.50                | 0.30       | 0.50 | 0.30       | 0.30 | 0.50              | 0.30 | 0.50 | 0.30 | 0.30 | 0.30 |
|  |     | 0.20                | 0.20       | 0.20 | 0.20       | 0.20 | 0.20              | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
|  |     | viewed<br>crosswise |            |      |            |      | viewed<br>endwise |      |      |      |      |      |
| 2H   | 2H  | 15.6                | 16.6       | 15.9 | 16.8       | 17.1 | 16.9              | 17.9 | 17.2 | 18.1 | 18.4 | 18.4 |
|  | 3H  | 16.2                | 17.1       | 16.5 | 17.3       | 17.6 | 17.1              | 18.0 | 17.4 | 18.2 | 18.5 | 18.5 |
|  | 4H  | 16.4                | 17.2       | 16.8 | 17.5       | 17.8 | 17.1              | 17.9 | 17.5 | 18.2 | 18.5 | 18.5 |
|  | 6H  | 16.6                | 17.3       | 16.9 | 17.6       | 18.0 | 17.1              | 17.8 | 17.4 | 18.1 | 18.5 | 18.5 |
|  | 8H  | 16.6                | 17.3       | 17.0 | 17.7       | 18.0 | 17.0              | 17.8 | 17.4 | 18.1 | 18.5 | 18.5 |
|  | 12H | 16.6                | 17.3       | 17.0 | 17.7       | 18.0 | 17.0              | 17.7 | 17.4 | 18.1 | 18.5 | 18.4 |
| 4H   | 2H  | 16.0                | 16.8       | 16.3 | 17.1       | 17.4 | 17.7              | 18.5 | 18.0 | 18.8 | 19.1 | 19.1 |
|  | 3H  | 16.7                | 17.4       | 17.1 | 17.8       | 18.1 | 18.0              | 18.7 | 18.4 | 19.0 | 19.4 | 19.4 |
|  | 4H  | 17.0                | 17.6       | 17.4 | 18.0       | 18.4 | 18.1              | 18.7 | 18.5 | 19.1 | 19.5 | 19.5 |
|  | 6H  | 17.3                | 17.8       | 17.7 | 18.2       | 18.6 | 18.2              | 18.7 | 18.6 | 19.1 | 19.5 | 19.5 |
|  | 8H  | 17.3                | 17.8       | 17.8 | 18.2       | 18.7 | 18.1              | 18.6 | 18.6 | 19.1 | 19.5 | 19.5 |
|  | 12H | 17.4                | 17.8       | 17.8 | 18.3       | 18.7 | 18.1              | 18.6 | 18.6 | 19.0 | 19.5 | 19.5 |
| 8H   | 4H  | 17.1                | 17.6       | 17.6 | 18.0       | 18.5 | 18.4              | 18.9 | 18.8 | 19.3 | 19.7 | 19.7 |
|  | 6H  | 17.5                | 17.9       | 17.9 | 18.3       | 18.8 | 18.5              | 18.9 | 19.0 | 19.4 | 19.8 | 19.8 |
|  | 8H  | 17.6                | 18.0       | 18.1 | 18.4       | 18.9 | 18.5              | 18.9 | 19.0 | 19.4 | 19.9 | 19.9 |
|  | 12H | 17.7                | 18.0       | 18.2 | 18.5       | 19.0 | 18.6              | 18.9 | 19.1 | 19.4 | 19.9 | 19.9 |
| 12H  | 4H  | 17.1                | 17.6       | 17.6 | 18.0       | 18.5 | 18.4              | 18.9 | 18.9 | 19.3 | 19.8 | 19.8 |
|  | 6H  | 17.5                | 17.8       | 18.0 | 18.3       | 18.8 | 18.6              | 18.9 | 19.1 | 19.4 | 19.9 | 19.9 |
|  | 8H  | 17.6                | 17.9       | 18.2 | 18.4       | 19.0 | 18.6              | 18.9 | 19.1 | 19.4 | 19.9 | 19.9 |
| 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 |      |                   |      |      |      |      |      |