

Last information update: May 2025

Product configuration: QB78+QC05.12+INCA

QB78: Initial module Minimal Up / Down UGR < 19 / Office / Working L 3596

QC05.12: Up / Down plate - ON-OFF - Working UGR < 19 - LED Neutral - L 3588 - 41W 8300lm - 4000K - Aluminium

INCA: Recessed

Product codeQB78: Initial module Minimal Up / Down UGR < 19 / Office / Working L 3596 **Attention! Code no longer in production****Technical description**

Initial profile in extruded aluminium - Minimal (frameless) version for flush with ceiling mounting available for direct and indirect lighting (luminous flux split into approx. 70% down / 30% up.); microprismatic PMMA lower screen for controlled luminance emission UGR < 19 - 3000 cd/m² (working lighting); screen set up for connecting several lengths by overlapping. Methacrylate diffusing screen for upper emission.

Installation

Installation can be 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 - L 3588.

Colour

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

Weight (Kg)

7

Mounting

ceiling pendant

Wiring

Set up exclusively to house L 3588 triple-length LED modules.

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.

Complies with EN60598-1 and pertinent regulations

**Product code**

QC05.12: Up / Down plate - ON-OFF - Working UGR < 19 - LED Neutral - L 3588 - 41W 8300lm - 4000K - Aluminium **Attention! Code no longer in production**

Technical description

LED module set up for housing in intermediate system profiles, ideal for particularly long light lines. High efficiency up + down emission for Working profiles (with a controlled luminance micro-prismatic lower screen). Electronic 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)

4.8

Wiring

Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated ON-OFF - non-dimmable control gear.

Notes

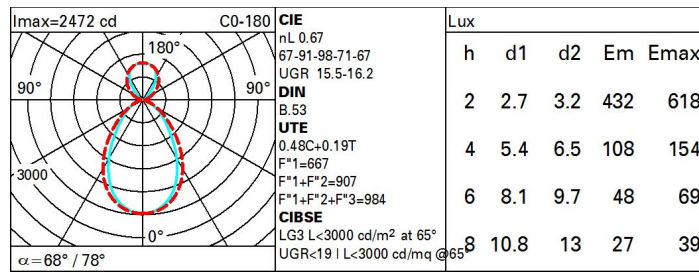
Important: the triple length intermediate luminous module can be used for both initial profiles - L 3594 - for stand-alone applications, and intermediate profiles - L 3594 - for continuous line applications.

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|-------|---------------------------------------|---------------------------------|
| Im system: | 5561 | CRI: | 80 |
| W system: | 43.4 | Colour temperature [K]: | 4000 |
| Im source: | 8300 | MacAdam Step: | 3 |
| W source: | 41 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value): | 128.1 | 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]: | 1592 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 67 | Number of optical assemblies: | 1 |

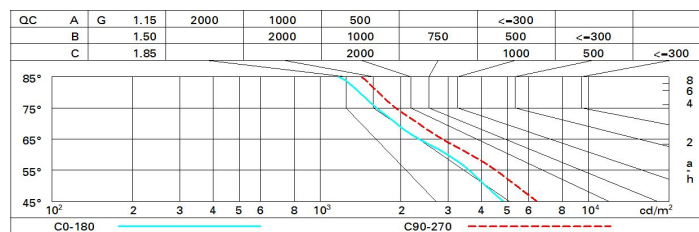
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 44 | 38 | 35 | 32 | 36 | 33 | 31 | 26 | 54 |
| 1.0 | 48 | 43 | 39 | 36 | 40 | 37 | 34 | 29 | 61 |
| 1.5 | 54 | 49 | 46 | 44 | 46 | 43 | 40 | 34 | 72 |
| 2.0 | 57 | 53 | 51 | 48 | 49 | 47 | 44 | 38 | 79 |
| 2.5 | 59 | 56 | 54 | 52 | 52 | 50 | 46 | 40 | 83 |
| 3.0 | 60 | 58 | 56 | 54 | 53 | 52 | 48 | 41 | 86 |
| 4.0 | 62 | 60 | 58 | 57 | 55 | 54 | 50 | 43 | 90 |
| 5.0 | 62 | 61 | 60 | 58 | 56 | 55 | 51 | 44 | 92 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 8300 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 | 0.30 |
| | | 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 crosswise | | | | | viewed endwise | | | | | |
| 2H | 2H | 14.0 | 14.7 | 14.7 | 15.4 | 16.2 | 15.2 | 15.9 | 15.9 | 16.6 | 17.4 | 17.4 |
| | 3H | 14.6 | 15.2 | 15.3 | 15.9 | 16.7 | 15.3 | 16.0 | 16.0 | 16.7 | 17.5 | 17.5 |
| | 4H | 14.7 | 15.3 | 15.5 | 16.1 | 16.9 | 15.3 | 15.9 | 16.1 | 16.6 | 17.5 | 17.5 |
| | 6H | 14.8 | 15.4 | 15.6 | 16.1 | 17.0 | 15.3 | 15.8 | 16.0 | 16.5 | 17.4 | 17.4 |
| | 8H | 14.9 | 15.4 | 15.6 | 16.1 | 17.0 | 15.2 | 15.7 | 16.0 | 16.5 | 17.4 | 17.4 |
| | 12H | 14.9 | 15.4 | 15.6 | 16.1 | 17.0 | 15.2 | 15.7 | 15.9 | 16.4 | 17.3 | 17.3 |
| 4H | 2H | 14.3 | 14.9 | 15.1 | 15.6 | 16.5 | 15.9 | 16.5 | 16.6 | 17.2 | 18.1 | 18.1 |
| | 3H | 15.0 | 15.5 | 15.8 | 16.2 | 17.2 | 16.2 | 16.7 | 16.9 | 17.4 | 18.3 | 18.3 |
| | 4H | 15.2 | 15.7 | 16.0 | 16.5 | 17.4 | 16.2 | 16.7 | 17.0 | 17.4 | 18.4 | 18.4 |
| | 6H | 15.4 | 15.8 | 16.3 | 16.6 | 17.6 | 16.2 | 16.6 | 17.0 | 17.4 | 18.4 | 18.4 |
| | 8H | 15.5 | 15.9 | 16.3 | 16.7 | 17.6 | 16.2 | 16.6 | 17.0 | 17.4 | 18.4 | 18.4 |
| | 12H | 15.5 | 15.8 | 16.4 | 16.7 | 17.7 | 16.2 | 16.5 | 17.0 | 17.3 | 18.3 | 18.3 |
| 8H | 4H | 15.3 | 15.7 | 16.1 | 16.5 | 17.4 | 16.5 | 16.8 | 17.3 | 17.6 | 18.6 | 18.6 |
| | 6H | 15.6 | 15.9 | 16.4 | 16.7 | 17.7 | 16.5 | 16.8 | 17.4 | 17.7 | 18.7 | 18.7 |
| | 8H | 15.7 | 15.9 | 16.6 | 16.8 | 17.8 | 16.6 | 16.8 | 17.4 | 17.7 | 18.7 | 18.7 |
| | 12H | 15.8 | 16.0 | 16.6 | 16.8 | 17.9 | 16.6 | 16.8 | 17.4 | 17.6 | 18.7 | 18.7 |
| 12H | 4H | 15.3 | 15.6 | 16.1 | 16.4 | 17.4 | 16.5 | 16.8 | 17.3 | 17.6 | 18.6 | 18.6 |
| | 6H | 15.6 | 15.8 | 16.4 | 16.7 | 17.7 | 16.6 | 16.8 | 17.4 | 17.7 | 18.7 | 18.7 |
| | 8H | 15.7 | 15.9 | 16.6 | 16.8 | 17.8 | 16.6 | 16.9 | 17.5 | 17.7 | 18.8 | 18.8 |
| Variations with the observer position at spacing: | | | | | | | | | | | | |
| S = | | 1.0H | 0.5 / -0.5 | | 0.3 / -0.5 | | | | | | | |
| | | 1.5H | 0.6 / -1.2 | | 0.8 / -1.2 | | | | | | | |
| | | 2.0H | 1.2 / -1.9 | | 1.8 / -1.8 | | | | | | | |