

Laser Blade XS

Design iGuzzini

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Product configuration: Q801

Q801: Frame sections 2 x 5 LEDs - Wall Washer - Tunable White



Product code

Q801: Frame sections 2 x 5 LEDs - Wall Washer - Tunable White

Technical description

Linear recessed miniaturised luminaire. Using LED lamps with a high colour rendering index and a different colour temperature allows dynamic light modulation to be obtained. The variation is achieved by mixing an emission of 5 x 2700K LEDs and 5 x 5700K LEDs. The colour temperature remains constant and uniform even when products of different sizes with different numbers of warm and cold LEDs are used. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Specialised asymmetrical optic system (patented) for obtaining homogeneous and efficient wall lighting, despite its extra-compact size. Flux enhancer - superpure aluminium reflector - asymmetrical textured PMMA screen - black polycarbonate internal perimeter frame. The product is designed to be used together with code 6170 to obtain a solution suitable for small to medium systems that can be programmed with a DALI protocol via a simple and intuitive user touch-panel. Other management systems are also available with a separate code for larger systems that require the intervention of a specialised technician to programme them: the MH97 + MH93 + MI02 group offers a DALI / KNX programmable solution, and the MH97 + MH93 + M618 group allows the system management to be extended to remote devices like tablet and smartphones too.

Installation

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 24 x 186.

Colour

Black / Black (43) | Black / White (47) | Grey / Black (74)*

Weight (Kg)

0.68

* Colours on request

Mounting

ceiling recessed

Wiring

DALI control gear units included. Different management systems are available with a separate code. For technical details, properties and connection procedures see the instruction sheet.

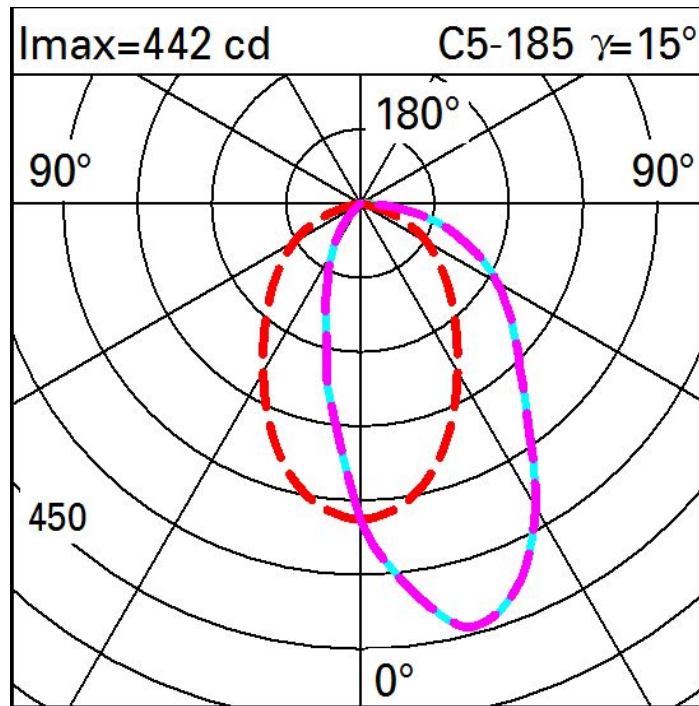
Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|--|---------------------------------|--|--|
| Im system: | 589 | Lamp code: | LED |
| W system: | 18.9 | Number of lamps for optical assembly: | 1 |
| Im source: | 1550 | ZVEI Code: | LED |
| W source: | 15 | Number of optical assemblies: | 1 |
| Luminous efficiency (Im/W, real value): | 31.2 | Power factor: | See installation instructions |
| Im in emergency mode: | - | Inrush current: | 5 A / 50 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: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires |
| Light Output Ratio (L.O.R.) [%]: | 38 | Minimum dimming %: | 1 |
| CRI (minimum): | 90 | Overvoltage protection: | 2kV Common mode & 1kV Differential mode |
| Colour temperature [K]: | Tunable white 2700 - 5700 | Control: | DALI-2 |
| Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) | | |

Polar



Illuminances

| Lux | | | | | | | | | | | Wall distance = 1m | |
|-----|---|----|----|----|----|-----|----|----|----|---|--------------------|--|
| 3 | | | | | | | | | | | | |
| | 1 | 3 | 8 | 23 | 61 | 101 | 61 | 23 | 8 | 3 | 1 | |
| 2 | 3 | 6 | 13 | 29 | 60 | 83 | 60 | 29 | 13 | 6 | 3 | |
| | 4 | 7 | 13 | 26 | 44 | 55 | 44 | 26 | 13 | 7 | 4 | |
| 1 | 4 | 6 | 11 | 20 | 30 | 36 | 30 | 20 | 11 | 6 | 4 | |
| | 3 | 6 | 9 | 14 | 20 | 23 | 20 | 14 | 9 | 6 | 3 | |
| 0 | | | | | | | | | | | | |
| | m | -2 | -1 | 0 | 1 | 2 | 3 | | | | | |