

Laser Blade XS

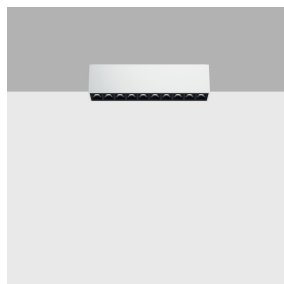
Design iGuzzini

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Last information update: May 2025

Product configuration: Q882

Q882: Ceiling-mounted LB XS Linear HC - 10 cells - Flood beam - remote driver



Product code

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Technical description

Ceiling-mounted luminaire with 10 optic elements for LED lamps - fixed optics with metallised thermoplastic high definition Opti-Beam reflectors. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient luminous flux and a high level of controlled glare visual comfort. Extruded aluminium main body and technical dissipation unit - shaped steel fixing plate. Ballast not included, available with separate code.

Installation

Ceiling-mounted with surface fixing plate (screws and screw anchors not included) - external locking system.

Colour

White (01) | Black / Black (43) | Black / White (47) | White/Gold (41)* | Black/gold (44)* | White / burnished chrome (E7)* | Black/burnished chrome (F1)*

Weight (Kg)

0.3

* Colours on request

Mounting

ceiling surface

Wiring

Cables supplied with quick-coupling terminals for connecting to power supply line.

Complies with EN60598-1 and pertinent regulations



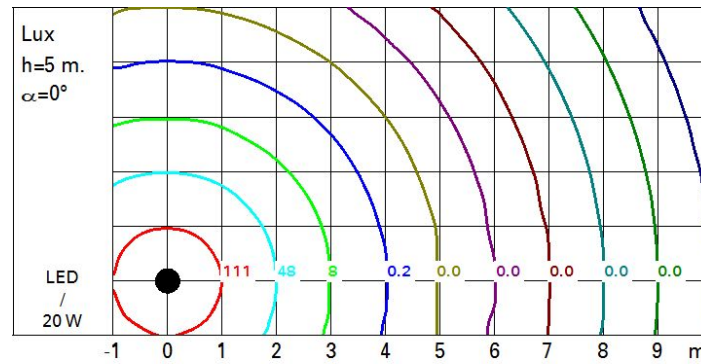
Technical data

| | | | |
|--|------|---------------------------------------|---------------------------------|
| Im system: | 1536 | CRI (minimum): | 90 |
| W system: | 20 | Colour temperature [K]: | 3000 |
| Im source: | 1850 | MacAdam Step: | 2 |
| W source: | 20 | Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value): | 76.8 | 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.) [%]: | 83 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 43° | LED current [mA]: | 700 |

Polar

| Imax=3154 cd | | Lux | | | | |
|--------------|-------------------|-----|---|-----|-----|------|
| 90° | 180° | 90° | h | d | Em | Emax |
| | | | 2 | 1.5 | 642 | 783 |
| | | | 4 | 3.1 | 160 | 196 |
| | | | 6 | 4.6 | 71 | 87 |
| | | | 8 | 6.1 | 40 | 49 |
| | $\alpha=42^\circ$ | | | | | |

Isolux



UGR diagram

| Corrected UGR values (at 1850 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 | 7.2 | 7.7 | 7.5 | 7.9 | 8.1 | 7.2 | 7.7 | 7.5 | 7.9 | 8.1 |
| | 3H | 7.1 | 7.5 | 7.4 | 7.8 | 8.0 | 7.1 | 7.5 | 7.4 | 7.8 | 8.0 |
| | 4H | 7.0 | 7.4 | 7.3 | 7.7 | 8.0 | 7.0 | 7.4 | 7.3 | 7.7 | 8.0 |
| | 6H | 6.9 | 7.3 | 7.3 | 7.6 | 7.9 | 6.9 | 7.3 | 7.3 | 7.6 | 7.9 |
| | 8H | 6.9 | 7.3 | 7.3 | 7.6 | 7.9 | 6.9 | 7.3 | 7.2 | 7.6 | 7.9 |
| | 12H | 6.9 | 7.2 | 7.2 | 7.5 | 7.9 | 6.9 | 7.2 | 7.2 | 7.5 | 7.9 |
| 4H | 2H | 7.0 | 7.4 | 7.3 | 7.7 | 8.0 | 7.0 | 7.4 | 7.3 | 7.7 | 8.0 |
| | 3H | 6.9 | 7.2 | 7.2 | 7.5 | 7.9 | 6.9 | 7.2 | 7.2 | 7.5 | 7.9 |
| | 4H | 6.8 | 7.1 | 7.2 | 7.4 | 7.8 | 6.8 | 7.1 | 7.2 | 7.4 | 7.8 |
| | 6H | 6.7 | 6.9 | 7.1 | 7.3 | 7.8 | 6.7 | 6.9 | 7.1 | 7.3 | 7.8 |
| | 8H | 6.6 | 6.9 | 7.1 | 7.3 | 7.7 | 6.6 | 6.9 | 7.1 | 7.3 | 7.7 |
| | 12H | 6.6 | 6.8 | 7.0 | 7.2 | 7.7 | 6.6 | 6.8 | 7.0 | 7.2 | 7.7 |
| 8H | 4H | 6.6 | 6.9 | 7.1 | 7.3 | 7.7 | 6.6 | 6.9 | 7.1 | 7.3 | 7.7 |
| | 6H | 6.5 | 6.7 | 7.0 | 7.2 | 7.7 | 6.5 | 6.8 | 7.0 | 7.2 | 7.7 |
| | 8H | 6.5 | 6.7 | 7.0 | 7.1 | 7.6 | 6.5 | 6.7 | 7.0 | 7.1 | 7.6 |
| | 12H | 6.5 | 6.6 | 7.0 | 7.1 | 7.6 | 6.4 | 6.6 | 6.9 | 7.1 | 7.6 |
| 12H | 4H | 6.6 | 6.8 | 7.0 | 7.2 | 7.7 | 6.6 | 6.8 | 7.0 | 7.2 | 7.7 |
| | 6H | 6.5 | 6.7 | 7.0 | 7.1 | 7.6 | 6.5 | 6.7 | 7.0 | 7.1 | 7.6 |
| | 8H | 6.4 | 6.6 | 6.9 | 7.1 | 7.6 | 6.5 | 6.6 | 7.0 | 7.1 | 7.6 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | | 1.0H | 7.0 | / -14.5 | | | | 7.0 | / -14.5 | | |
| | | 1.5H | 9.8 | / -14.7 | | | | 9.8 | / -14.7 | | |
| | | 2.0H | 11.8 | / -14.8 | | | | 11.8 | / -14.8 | | |