

Laser Blade

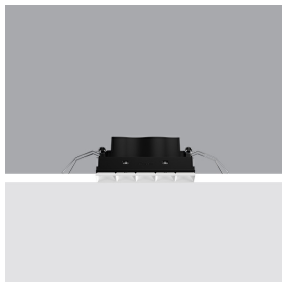
Design iGuzzini

iGuzzini

Last information update: February 2025

Product configuration: QK99.01

QK99.01: Minimal 5 cells - Spot - LED - White



Product code

QK99.01: Minimal 5 cells - Spot - LED - White

Technical description

Linear miniaturised recessed luminaire with 5 optical elements for LED lamps - fixed optic. Die-cast aluminium body, minimal version (frameless) installed flush with ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Metallised thermoplastic high definition OptiBeam reflector, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with a dimmable DALI power supply unit connected to the luminaire.

Installation

The recess body is inserted in the specific adapter installed previously by means of a steel wire spring - check the thickness of the false ceiling and use a compatible frame available with a separate item code.

Colour

White (01)

Weight (Kg)

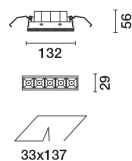
0.28

Mounting

wall recessed/ceiling recessed

Wiring

Quick-coupling connections on the ballast unit.



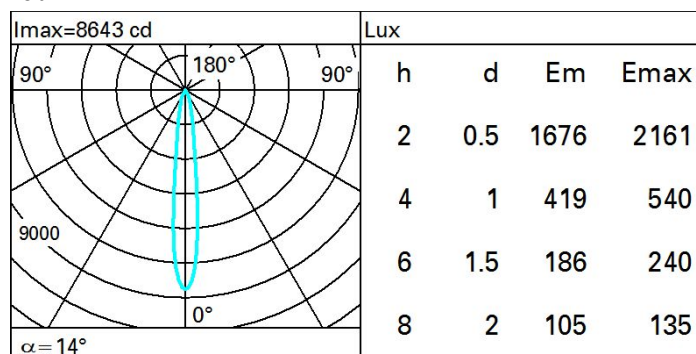
Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|--|------|---------------------------------------|---------------------------------|
| lm system: | 902 | CRI (typical): | 92 |
| W system: | 13 | Colour temperature [K]: | 3000 |
| lm source: | 1100 | MacAdam Step: | 3 |
| W source: | 9.9 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (lm/W, real value): | 69.4 | Lamp code: | LED |
| lm 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.) [%]: | 82 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 14° | Control: | DALI-2 |
| CRI (minimum): | 90 | | |

Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 74 | 70 | 68 | 66 | 70 | 67 | 67 | 64 | 78 |
| 1.0 | 77 | 74 | 72 | 70 | 73 | 71 | 71 | 68 | 83 |
| 1.5 | 81 | 79 | 77 | 75 | 78 | 76 | 75 | 73 | 89 |
| 2.0 | 84 | 82 | 80 | 79 | 81 | 79 | 78 | 76 | 93 |
| 2.5 | 85 | 84 | 83 | 82 | 83 | 82 | 81 | 79 | 96 |
| 3.0 | 86 | 85 | 84 | 84 | 84 | 83 | 82 | 80 | 98 |
| 4.0 | 87 | 86 | 86 | 85 | 85 | 85 | 83 | 82 | 99 |
| 5.0 | 88 | 87 | 87 | 87 | 86 | 85 | 84 | 82 | 100 |
