

Libera Stand-alone

Design Artec
Studio

iGuzzini

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Product configuration: RQ15.P2

RQ15.P2: Wall-mounted luminaire H=1131 mm - General Light - DALI - Frameless optic with microtextured screen -- 16.4W
1819.5lm - 3500K - CRI 90 - White/Micro textured

Product code

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Technical description

Indirect emission wall-mounted indoor luminaire H=1131. Module with 3500K CRI90 monochrome LED lamps. General Light (High Output) luminaire with a Microtextured Opal version methacrylate diffusing screen. Frameless version extruded aluminium body profile complete with die-cast zamak cover end caps. Body complete with DALI power supply unit positioned inside the rectangular aluminium base. Wall-mounting is allowed by an aluminium base, with a galvanised sheet steel inner supporting plate.

Installation

Wall-mounted. The luminaire is mounted using an aluminium base with a galvanised sheet steel inner fixing plate.

Colour

White/Micro textured (P2)

Weight (Kg)

1.38

Mounting

wall arm|wall surface|ceiling surface

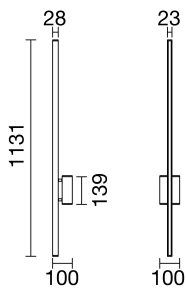
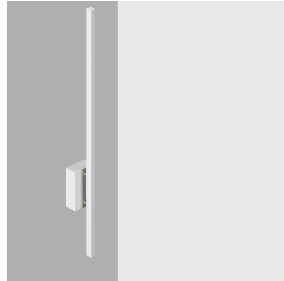
Wiring

Body complete with DALI power supply unit positioned inside the aluminium base

Complies with EN60598-1 and pertinent regulations



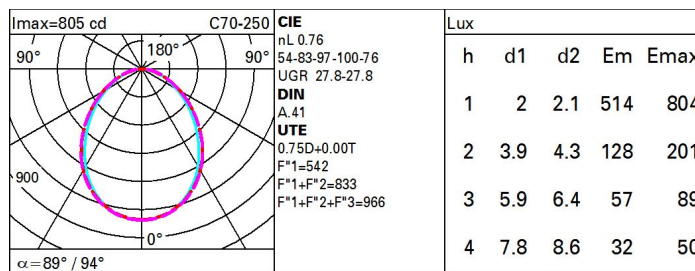
IP20



Technical data

| | | | |
|--|-------|---------------------------------------|---------------------------------|
| lm system: | 1820 | Colour temperature [K]: | 3500 |
| W system: | 16.4 | MacAdam Step: | 3 |
| lm source: | 2410 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W source: | 14 | Lamp code: | LED |
| Luminous efficiency (lm/W, real value): | 110.9 | Number of lamps for optical assembly: | 1 |
| lm in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 76 | Control: | DALI-2 |
| CRI (minimum): | 90 | | |

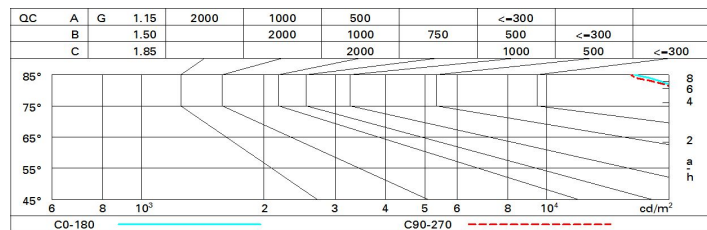
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 52 | 44 | 39 | 35 | 43 | 39 | 38 | 33 | 44 |
| 1.0 | 57 | 50 | 45 | 41 | 49 | 44 | 44 | 39 | 52 |
| 1.5 | 64 | 59 | 54 | 51 | 57 | 53 | 53 | 48 | 64 |
| 2.0 | 69 | 64 | 60 | 57 | 63 | 59 | 58 | 54 | 72 |
| 2.5 | 71 | 67 | 64 | 62 | 66 | 63 | 62 | 58 | 77 |
| 3.0 | 73 | 70 | 67 | 65 | 68 | 66 | 65 | 61 | 81 |
| 4.0 | 75 | 73 | 70 | 68 | 71 | 69 | 68 | 64 | 85 |
| 5.0 | 76 | 74 | 72 | 71 | 73 | 71 | 70 | 67 | 88 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 2410 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.: ceiling 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 |
| | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| | | 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 | 24.6 | 25.7 | 24.9 | 25.9 | 26.2 | 25.0 | 26.1 | 25.4 | 26.4 | 26.7 |
| | 3H | 25.8 | 26.8 | 26.1 | 27.1 | 27.4 | 25.4 | 26.4 | 25.8 | 26.7 | 27.0 |
| | 4H | 26.2 | 27.2 | 26.6 | 27.5 | 27.8 | 25.6 | 26.5 | 25.9 | 26.8 | 27.1 |
| | 6H | 26.6 | 27.4 | 27.0 | 27.8 | 28.1 | 25.6 | 26.5 | 26.0 | 26.8 | 27.2 |
| | 8H | 26.7 | 27.5 | 27.1 | 27.9 | 28.2 | 25.6 | 26.4 | 26.0 | 26.8 | 27.1 |
| | 12H | 26.8 | 27.6 | 27.2 | 27.9 | 28.3 | 25.6 | 26.4 | 26.0 | 26.7 | 27.1 |
| 4H | 2H | 25.2 | 26.1 | 25.6 | 26.5 | 26.8 | 26.7 | 27.6 | 27.0 | 27.9 | 28.2 |
| | 3H | 26.6 | 27.4 | 27.0 | 27.7 | 28.1 | 27.3 | 28.1 | 27.7 | 28.5 | 28.8 |
| | 4H | 27.2 | 27.9 | 27.6 | 28.3 | 28.7 | 27.6 | 28.3 | 28.0 | 28.7 | 29.1 |
| | 6H | 27.6 | 28.3 | 28.1 | 28.7 | 29.1 | 27.8 | 28.4 | 28.2 | 28.8 | 29.3 |
| | 8H | 27.8 | 28.4 | 28.2 | 28.8 | 29.2 | 27.8 | 28.4 | 28.3 | 28.8 | 29.3 |
| | 12H | 27.9 | 28.4 | 28.3 | 28.8 | 29.3 | 27.8 | 28.4 | 28.3 | 28.8 | 29.3 |
| 8H | 4H | 27.5 | 28.0 | 27.9 | 28.5 | 28.9 | 28.2 | 28.8 | 28.7 | 29.2 | 29.6 |
| | 6H | 28.1 | 28.5 | 28.5 | 29.0 | 29.5 | 28.6 | 29.1 | 29.1 | 29.5 | 30.0 |
| | 8H | 28.3 | 28.7 | 28.8 | 29.2 | 29.7 | 28.8 | 29.2 | 29.2 | 29.6 | 30.1 |
| | 12H | 28.4 | 28.8 | 28.9 | 29.3 | 29.8 | 28.8 | 29.2 | 29.4 | 29.7 | 30.2 |
| 12H | 4H | 27.5 | 28.0 | 28.0 | 28.5 | 28.9 | 28.3 | 28.8 | 28.8 | 29.3 | 29.7 |
| | 6H | 28.1 | 28.5 | 28.6 | 29.0 | 29.5 | 28.7 | 29.2 | 29.2 | 29.6 | 30.1 |
| | 8H | 28.4 | 28.7 | 28.9 | 29.2 | 29.8 | 29.0 | 29.3 | 29.5 | 29.8 | 30.3 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 0.1 / -0.2 | | | | | 0.1 / -0.1 | | | | |
| | 1.5H | 0.3 / -0.5 | | | | | 0.3 / -0.4 | | | | |
| | 2.0H | 0.5 / -0.8 | | | | | 0.5 / -0.7 | | | | |