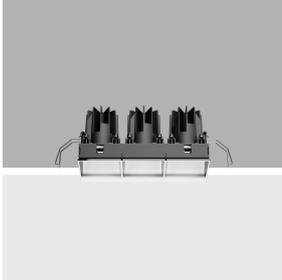


Last information update: October 2024

Product configuration: QK28.01

QK28.01: Minimal 3 cells - Wall Washer - LED - White



Product code

QK28.01: Minimal 3 cells - Wall Washer - LED - White

Technical description

Recessed luminaire with a three compartment fixed wall washer optic for an LED lamp. Passive heat dissipation system. Lamp body with die-cast aluminium radiant surface, flush with ceiling version (frameless). For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Specialised asymmetrical optic system designed to achieve a highly defined light distribution on walls and eliminate any shadow zones. The adjacent position of the asymmetrical units creates a substantial reduction of direct glare. Reflectors - superpure aluminium flux enhancers - PMMA screens-refractors and a thermoplastic case. Supplied with a dimmable DALI electronic ballast connected to the luminaire.

Installation

The luminaire is recessed in the specific adapter (QK51) by means of a steel wire spring, previously installed on the ceiling that can be between 12.5 and 25 mm thick. To light walls correctly check the installation distances and centre-to-centre distances indicated on the instructions sheet.

Weight (Kg)

1.24

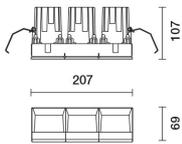
Mounting

ceiling recessed

Wiring

Quick-coupling connections on the ballast unit. Digital electronic cabling that allows dimming to be performed with DALI protocol or a pushbutton switch (read the indications on the instruction sheet carefully).

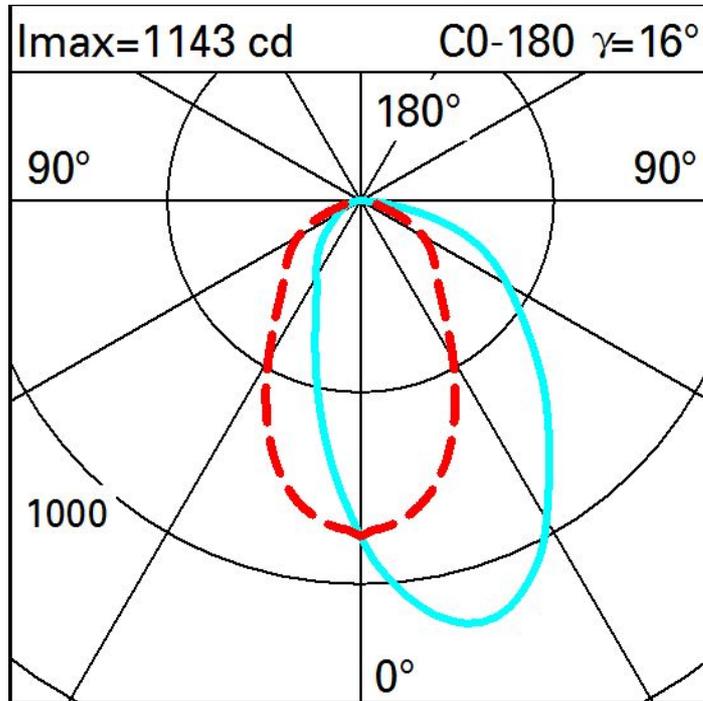
Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|--|---------------------------------|--|--|
| Im system: | 1643 | Voltage [Vin]: | 230 |
| W system: | 28.3 | Lamp code: | LED |
| Im source: | 3100 | Number of lamps for optical assembly: | 1 |
| W source: | 25 | ZVEI Code: | LED |
| Luminous efficiency (Im/W, real value): | 58 | Number of optical assemblies: | 1 |
| Im in emergency mode: | - | Power factor: | See installation instructions |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Inrush current: | 10 A / 200 µs |
| Light Output Ratio (L.O.R.) [%]: | 53 | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires |
| CRI (minimum): | 90 | Minimum dimming %: | 1 |
| Colour temperature [K]: | 2700 | Overvoltage protection: | 5kV Common mode & 4kV Differential mode |
| MacAdam Step: | 2 | Dimming mode: | CCR |
| Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) | Control: | DALI |

Polar



Illuminances

| Lux | | Wall distance = 1m | | | | | | | | | | |
|-----|---|--------------------|----|----|----|-----|-----|-----|----|----|----|---|
| 3 | | | | | | | | | | | | |
| | | 2 | 6 | 17 | 54 | 161 | 278 | 161 | 54 | 17 | 6 | 2 |
| 2 | | 6 | 14 | 31 | 70 | 164 | 241 | 164 | 70 | 31 | 14 | 6 |
| | | 8 | 15 | 28 | 61 | 121 | 156 | 121 | 61 | 28 | 15 | 8 |
| 1 | | 8 | 13 | 24 | 49 | 81 | 98 | 81 | 49 | 24 | 13 | 8 |
| | | 7 | 12 | 21 | 36 | 52 | 60 | 52 | 36 | 21 | 12 | 7 |
| 0 | | | | | | | | | | | | |
| | m | -2 | -1 | 0 | 1 | 2 | 3 | | | | | |