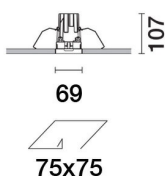
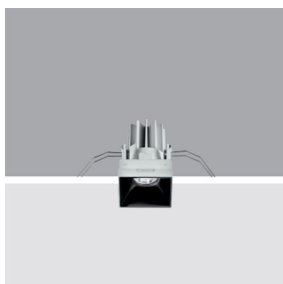


Last information update: May 2018



Fixed, Recessed luminaire - Minimal - Warm LED - Electronic control gear included - Medium optic Beam

Product code
P952

Technical description

Fixed optic, recessed luminaire for a warm white LED lamp with a high color rendering index. Flush with ceiling version (frameless). Passive heat dissipation system. Lamp body with radiant surface made of die-cast aluminum. False ceiling adapter with bracket system that adapts to the thickness of the panels. Metallised, thermoplastic, high definition optic, integrated in a rear position in the anti-glare screen. Glass cover for LED lamp. The structure of the optical system produces light emission with controlled luminance (UGR < 19). Equipped with an electronic ballast connected to the luminaire.

Installation

recessed with steel wire springs on the specific adapter (included) which allows flush-mounting with the ceiling. Adapter fixed to false ceiling (between 12.5 mm and 25 mm thick) with self-tapping screws; subsequent filling and smoothing operations; insertion of luminaire body and aesthetic finishing. Preparation slot 75 x 75. Installation permitted in either a horizontal or vertical position.

Dimension (mm)

72x72x107

Colour

White (01) | Black (04)

Weight (Kg)

0.56

Mounting

wall recessed|ceiling recessed

Wiring

on the control gear box with quick-coupling connections.

Notes

The product with its white finish (01) includes an optic ring for limiting luminance; a feature that renders a performance of UGR < 19 and determines slight variations in the opening of the optic (32°) and yield (0.73).

Complies with EN60598-1 and pertinent regulations



Product configuration: P952.01

Product characteristics

Total lighting output [Lm]: 692.8
Total power [W]: 11
Luminous efficacy [Lm/W]: 63
Life Time: 50,000h - L80 - B10 (Ta 25°C)

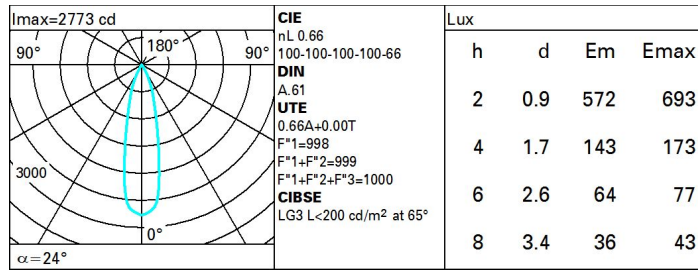
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: 230
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 66
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 8.5
Nominal luminous [Lm]: 1050
Lamp maximum intensity [cd]: /
Beam angle [°]: 24°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.5
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 60 | 57 | 54 | 53 | 56 | 54 | 54 | 52 | 78 |
| 1.0 | 62 | 59 | 57 | 56 | 59 | 57 | 57 | 55 | 83 |
| 1.5 | 65 | 63 | 62 | 60 | 62 | 61 | 60 | 58 | 89 |
| 2.0 | 67 | 66 | 65 | 64 | 65 | 64 | 63 | 61 | 93 |
| 2.5 | 68 | 67 | 66 | 66 | 66 | 66 | 65 | 63 | 96 |
| 3.0 | 69 | 69 | 68 | 67 | 67 | 67 | 66 | 64 | 98 |
| 4.0 | 70 | 70 | 69 | 69 | 68 | 68 | 67 | 66 | 99 |
| 5.0 | 71 | 70 | 70 | 70 | 69 | 69 | 68 | 66 | 100 |

Luminance curve limit

