

## Reflex

Design iGuzzini

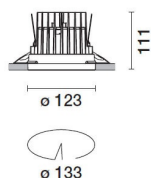
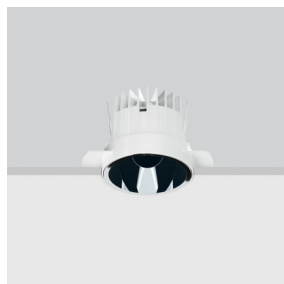
iGuzzini

Last information update: April 2024

### Product configuration: Q970+PA55.01

Q970: Fixed circular recessed luminaire - Ø125 mm - warm white - flood optic - UGR<19

PA55.01: Minimal flange - White



### Product code

Q970: Fixed circular recessed luminaire - Ø125 mm - warm white - flood optic - UGR<19 **Attention! Code no longer in production**

### Technical description

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version without rim for mounting flush with ceiling. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with LED lamp in warm white colour tone CRI 90 (2700K). General light emission, with controlled luminance UGR<19 1500 cd/m2  $\alpha > 65^\circ$  flood optic.

### Installation

Installation flush with the ceiling is for false ceilings 12.5 mm thick

### Colour

Aluminium (12)

### Weight (Kg)

1.08

### Mounting

ceiling recessed

### Wiring

product complete with DALI components

Complies with EN60598-1 and pertinent regulations



IP20

IP54



pending

### Accessory code

PA55.01: Minimal flange - White **Attention! Code no longer in production**

### Technical description

Adapter for plasterboard false ceilings and rapid flush with ceiling installations, specifically for fixed and wall washer Reflex recessed luminaires. Made of plastic with a border for limiting plaster and holes for installation with screws and anchors suitable for plasterboard (included). Fastening the adapter to the installation surface does not require predefined panel thicknesses.

### Installation

Preparation hole Ø 133 mm. Fastening the perforated perimeter rim to the installation surface (fixing screws included) - subsequent operations including filling, smoothing to the reference border and finishing - final insertion of the recessed luminaire (separate code) in the adapter.

### Colour

White (01)

### Weight (Kg)

0.06

### Mounting

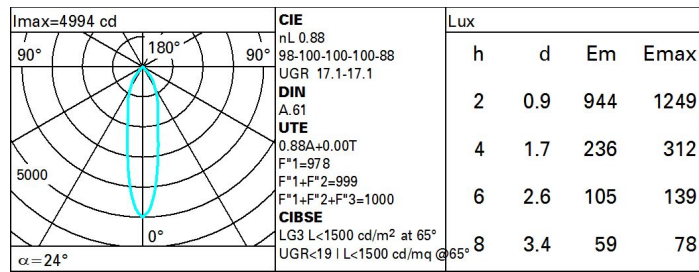
ceiling recessed

Complies with EN60598-1 and pertinent regulations

### Technical data

|  |      |                                       |                                 |
|--|------|---------------------------------------|---------------------------------|
| Im system:   | 1845 | CRI (minimum):                        | 90                              |
| W system:  | 18.9 | Colour temperature [K]:               | 2700                            |
| Im source:   | 2100 | MacAdam Step:                         | 2                               |
| W source:  | 17   | Life Time LED 1:                      | > 50,000h - L80 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value):            | 97.6 | 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.) [%]:                   | 88   | Number of optical assemblies:         | 1                               |
| Beam angle [°]:                                    | 24°  | Control:                              | DALI                            |

# Polar



# UGR diagram

| Corrected UGR values (at 2100 lm bare lamp luminous flux)        |     |                     |             |      |      |      |                   |      |      |      |      |      |
|--|-----|---------------------|-------------|------|------|------|-------------------|------|------|------|------|------|
| Reflect.:<br>ceiling/cav<br>walls<br>work pl.<br>Room dim<br>x y |     | 0.70                | 0.70        | 0.50 | 0.50 | 0.30 | 0.70              | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 |
|  |     | 0.50                | 0.30        | 0.50 | 0.30 | 0.30 | 0.50              | 0.30 | 0.50 | 0.30 | 0.30 | 0.30 |
|  |     | 0.20                | 0.20        | 0.20 | 0.20 | 0.20 | 0.20              | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
|  |     | viewed<br>crosswise |             |      |      |      | viewed<br>endwise |      |      |      |      |      |
| 2H   | 2H  | 17.6                | 18.3        | 17.9 | 18.5 | 18.8 | 17.6              | 18.3 | 17.9 | 18.5 | 18.8 |      |
|  | 3H  | 17.5                | 18.1        | 17.8 | 18.4 | 18.6 | 17.5              | 18.1 | 17.8 | 18.4 | 18.6 |      |
|  | 4H  | 17.4                | 18.0        | 17.8 | 18.3 | 18.6 | 17.4              | 18.0 | 17.8 | 18.3 | 18.6 |      |
|  | 6H  | 17.3                | 17.9        | 17.7 | 18.2 | 18.5 | 17.3              | 17.9 | 17.7 | 18.2 | 18.5 |      |
|  | 8H  | 17.3                | 17.8        | 17.7 | 18.1 | 18.5 | 17.3              | 17.8 | 17.7 | 18.1 | 18.5 |      |
|  | 12H | 17.3                | 17.7        | 17.7 | 18.1 | 18.4 | 17.3              | 17.7 | 17.7 | 18.1 | 18.4 |      |
| 4H   | 2H  | 17.4                | 18.0        | 17.8 | 18.3 | 18.6 | 17.4              | 18.0 | 17.8 | 18.3 | 18.6 |      |
|  | 3H  | 17.3                | 17.7        | 17.7 | 18.1 | 18.4 | 17.3              | 17.7 | 17.7 | 18.1 | 18.4 |      |
|  | 4H  | 17.2                | 17.6        | 17.6 | 18.0 | 18.3 | 17.2              | 17.6 | 17.6 | 18.0 | 18.3 |      |
|  | 6H  | 17.1                | 17.5        | 17.5 | 17.9 | 18.3 | 17.1              | 17.5 | 17.5 | 17.9 | 18.3 |      |
|  | 8H  | 17.1                | 17.4        | 17.5 | 17.8 | 18.2 | 17.1              | 17.4 | 17.5 | 17.8 | 18.2 |      |
|  | 12H | 17.0                | 17.3        | 17.5 | 17.7 | 18.2 | 17.0              | 17.3 | 17.5 | 17.7 | 18.2 |      |
| 8H   | 4H  | 17.1                | 17.4        | 17.5 | 17.8 | 18.2 | 17.1              | 17.4 | 17.5 | 17.8 | 18.2 |      |
|  | 6H  | 17.0                | 17.2        | 17.4 | 17.7 | 18.1 | 17.0              | 17.2 | 17.4 | 17.7 | 18.1 |      |
|  | 8H  | 16.9                | 17.1        | 17.4 | 17.6 | 18.1 | 16.9              | 17.1 | 17.4 | 17.6 | 18.1 |      |
|  | 12H | 16.9                | 17.1        | 17.4 | 17.5 | 18.1 | 16.9              | 17.1 | 17.4 | 17.5 | 18.1 |      |
| 12H  | 4H  | 17.0                | 17.3        | 17.5 | 17.7 | 18.2 | 17.0              | 17.3 | 17.5 | 17.7 | 18.2 |      |
|  | 6H  | 16.9                | 17.1        | 17.4 | 17.6 | 18.1 | 16.9              | 17.1 | 17.4 | 17.6 | 18.1 |      |
|  | 8H  | 16.9                | 17.1        | 17.4 | 17.5 | 18.1 | 16.9              | 17.1 | 17.4 | 17.5 | 18.1 |      |
| Variations with the observer position at spacing:                |     |                     |             |      |      |      |                   |      |      |      |      |      |
| S =  |     | 1.0H                | 4.4 / -24.6 |      |      |      | 4.4 / -24.6       |      |      |      |      |      |
|  |     | 1.5H                | 7.2 / -25.8 |      |      |      | 7.2 / -25.8       |      |      |      |      |      |
|  |     | 2.0H                | 9.2 / -26.2 |      |      |      | 9.2 / -26.2       |      |      |      |      |      |