

iN60 Evo System

Design iGuzzini

iGuzzini

Last information update: March 2025

Product configuration: RU27.01+PI28.12

RU27.01: Linear module - recessed Frame Down - for MMO/Space/Wall Washer versions - L=2384 - White

PI28.12: Plate with Warm White LED - MMO Downlight - UGR<19 - LO - DALI - L=2384 - 35.6W 4335.1lm - 3000K - CRI 90 - Aluminium



Product code

RU27.01: Linear module - recessed Frame Down - for MMO/Space/Wall Washer versions - L=2384 - White

Technical description

Frame version extruded aluminium initial profile with contact frame, designed to house a specific LED plate in an MMO, Space and Wall Washer version.

Installation

Recessed using the brackets on the profile.

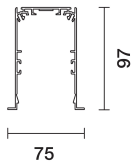
Colour

White (01)

Wiring

Designed to house the LED modules that can be used by the system.

Complies with EN60598-1 and pertinent regulations



IP20



Product code

PI28.12: Plate with Warm White LED - MMO Downlight - UGR<19 - LO - DALI - L=2384 - 35.6W 4335.1lm - 3000K - CRI 90 - Aluminium

Technical description

Warm White LED plate with direct (Down) emission in an MMO version. Low Output (LO) version with controlled luminance down emission $L \leq 3000 \text{ cd/m}^2 - \alpha > 65^\circ$, for use in environments with video monitors (UGR<19) in compliance with EN 12464-1. The module optic and structural fittings allow high luminous flux and system efficiency values. DALI dimmable power supply integrated in the luminaire. Extruded aluminium heat sink and "Halogen Free" electric cables. Moulded and metallised polycarbonate raster.

Installation

Module insertion on profiles facilitated by a quick coupling system.

Colour

Aluminium (12)

Weight (Kg)

1.76

Wiring

Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated dimmable DALI power supply.

Notes

TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations



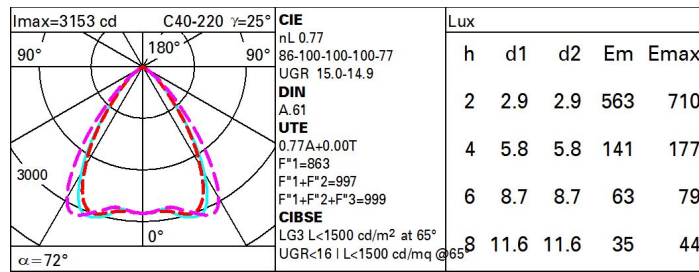
IP20



Technical data

| | | | |
|--|-------|---------------------------------------|---------------------------------|
| Im system: | 4335 | Colour temperature [K]: | 3000 |
| W system: | 35.6 | MacAdam Step: | 3 |
| Im source: | 5630 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W source: | 32 | Lamp code: | LED |
| Luminous efficiency (Im/W, real value): | 121.8 | 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.) [%]: | 77 | Number of optical assemblies: | 1 |
| CRI (minimum): | 90 | Control: | DALI-2 |

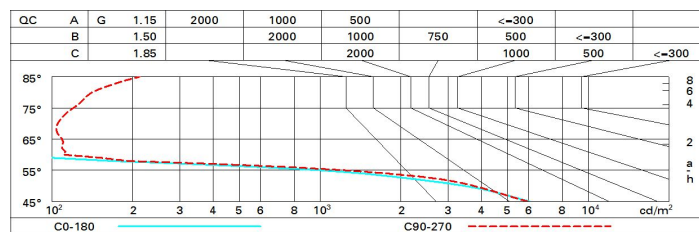
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 65 | 60 | 56 | 54 | 59 | 56 | 56 | 53 | 68 |
| 1.0 | 69 | 64 | 61 | 59 | 63 | 61 | 60 | 57 | 74 |
| 1.5 | 74 | 70 | 68 | 66 | 69 | 67 | 67 | 64 | 83 |
| 2.0 | 77 | 74 | 72 | 71 | 73 | 71 | 71 | 68 | 88 |
| 2.5 | 78 | 76 | 75 | 74 | 75 | 74 | 73 | 71 | 92 |
| 3.0 | 79 | 78 | 77 | 76 | 77 | 76 | 75 | 72 | 94 |
| 4.0 | 81 | 79 | 78 | 78 | 78 | 77 | 76 | 74 | 96 |
| 5.0 | 81 | 80 | 79 | 79 | 79 | 78 | 77 | 75 | 97 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 5630 lm bare lamp luminous flux) | | | | | | | | | | | | |
|--|-----|---------------------|-------------|------|------|------|-------------------|------|------|------|------|------|
| Reflect.: ceiling/cav 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 | 0.30 |
| | | 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 crosswise | | | | | viewed endwise | | | | | |
| 2H | 2H | 15.6 | 16.2 | 15.9 | 16.5 | 16.7 | 15.4 | 16.1 | 15.7 | 16.3 | 16.5 | |
| | 3H | 15.4 | 16.0 | 15.8 | 16.3 | 16.6 | 15.3 | 15.9 | 15.6 | 16.2 | 16.4 | |
| | 4H | 15.4 | 15.9 | 15.7 | 16.2 | 16.5 | 15.2 | 15.8 | 15.6 | 16.1 | 16.4 | |
| | 6H | 15.3 | 15.8 | 15.6 | 16.1 | 16.4 | 15.2 | 15.7 | 15.5 | 16.0 | 16.3 | |
| | 8H | 15.2 | 15.7 | 15.6 | 16.0 | 16.4 | 15.1 | 15.6 | 15.5 | 15.9 | 16.3 | |
| | 12H | 15.2 | 15.7 | 15.6 | 16.0 | 16.4 | 15.1 | 15.5 | 15.5 | 15.9 | 16.2 | |
| 4H | 2H | 15.4 | 15.9 | 15.7 | 16.2 | 16.5 | 15.2 | 15.7 | 15.5 | 16.0 | 16.3 | |
| | 3H | 15.2 | 15.7 | 15.6 | 16.0 | 16.4 | 15.1 | 15.5 | 15.5 | 15.9 | 16.2 | |
| | 4H | 15.2 | 15.6 | 15.6 | 15.9 | 16.3 | 15.0 | 15.4 | 15.4 | 15.8 | 16.2 | |
| | 6H | 15.1 | 15.4 | 15.5 | 15.8 | 16.2 | 14.9 | 15.3 | 15.3 | 15.7 | 16.1 | |
| | 8H | 15.0 | 15.3 | 15.5 | 15.8 | 16.2 | 14.9 | 15.2 | 15.3 | 15.6 | 16.0 | |
| | 12H | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 | 14.8 | 15.1 | 15.3 | 15.5 | 16.0 | |
| 8H | 4H | 15.0 | 15.3 | 15.5 | 15.8 | 16.2 | 14.9 | 15.2 | 15.3 | 15.6 | 16.0 | |
| | 6H | 14.9 | 15.2 | 15.4 | 15.6 | 16.1 | 14.8 | 15.0 | 15.2 | 15.5 | 16.0 | |
| | 8H | 14.9 | 15.1 | 15.4 | 15.6 | 16.1 | 14.7 | 15.0 | 15.2 | 15.4 | 15.9 | |
| | 12H | 14.8 | 15.0 | 15.3 | 15.5 | 16.0 | 14.7 | 14.9 | 15.2 | 15.4 | 15.9 | |
| 12H | 4H | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 | 14.8 | 15.1 | 15.3 | 15.5 | 16.0 | |
| | 6H | 14.9 | 15.1 | 15.4 | 15.6 | 16.1 | 14.7 | 15.0 | 15.2 | 15.4 | 15.9 | |
| | 8H | 14.8 | 15.0 | 15.3 | 15.5 | 16.0 | 14.7 | 14.9 | 15.2 | 15.4 | 15.9 | |
| Variations with the observer position at spacing: | | | | | | | | | | | | |
| S = | | 1.0H | 3.6 / -10.1 | | | | 3.6 / -8.7 | | | | | |
| | | 1.5H | 5.2 / -22.0 | | | | 5.1 / -18.4 | | | | | |
| | | 2.0H | 7.2 / -22.4 | | | | 7.1 / -18.5 | | | | | |