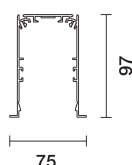


Last information update: March 2025

#### Product configuration: RU30.01+RV69.12

RU30.01: Linear module - recessed Frame Down - for MMO/Space/Wall Washer versions - L=3576 - White

RV69.12: Plate with LED - MMO Downlight - UGR<19 - HO - DALI - L=1192 - 27.7W 3834.6lm - 3500K - Aluminium



#### Product code

RU30.01: Linear module - recessed Frame Down - for MMO/Space/Wall Washer versions - L=3576 - 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

RV69.12: Plate with LED - MMO Downlight - UGR<19 - HO - DALI - L=1192 - 27.7W 3834.6lm - 3500K - Aluminium

#### Technical description

3500K LED plate with direct (Down) light emission in MMO version. High Output (HO) version with controlled luminance down emission  $L \leq 3000 \text{ cd/m}^2 - \alpha > 65^\circ$ , for use in environments with video monitors 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)

#### 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



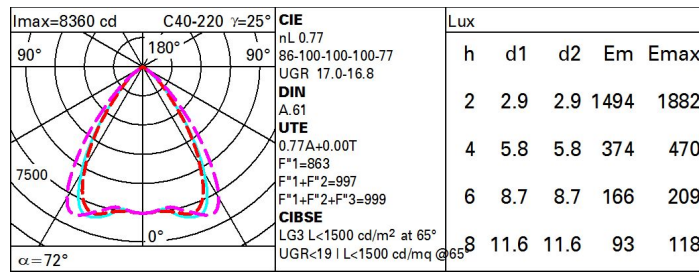
IP20



#### Technical data

|  |       |                                       |                                 |
|--|-------|---------------------------------------|---------------------------------|
| Im system:   | 11496 | Colour temperature [K]:               | 3500                            |
| W system:  | 82.9  | MacAdam Step:                         | 3                               |
| Im source:   | 14930 | Life Time LED 1:                      | > 50,000h - L90 - B10 (Ta 25°C) |
| W source:  | 73    | Lamp code:                            | LED                             |
| Luminous efficiency (Im/W, real value):            | 138.7 | 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):                                     | 80    | Control:                              | DALI-2                          |

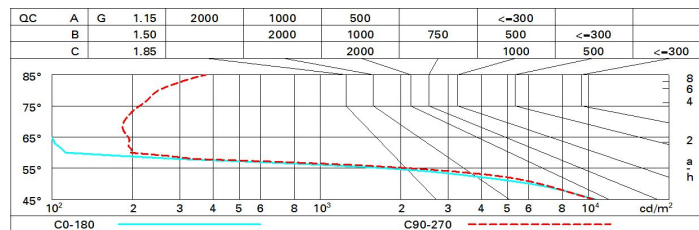
# Polar



## 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 14930 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                | 18.2        | 17.8 | 18.4 | 18.7 | 17.4              | 18.0 | 17.7 | 18.3 | 18.5 |      |
|  | 3H  | 17.4                | 18.0        | 17.7 | 18.3 | 18.5 | 17.3              | 17.9 | 17.6 | 18.1 | 18.4 |      |
|  | 4H  | 17.3                | 17.9        | 17.7 | 18.2 | 18.5 | 17.2              | 17.8 | 17.5 | 18.0 | 18.3 |      |
|  | 6H  | 17.3                | 17.8        | 17.6 | 18.1 | 18.4 | 17.1              | 17.6 | 17.5 | 17.9 | 18.3 |      |
|  | 8H  | 17.2                | 17.7        | 17.6 | 18.0 | 18.4 | 17.1              | 17.6 | 17.5 | 17.9 | 18.2 |      |
|  | 12H | 17.2                | 17.6        | 17.6 | 18.0 | 18.3 | 17.1              | 17.5 | 17.4 | 17.9 | 18.2 |      |
| 4H   | 2H  | 17.4                | 17.9        | 17.7 | 18.2 | 18.5 | 17.2              | 17.7 | 17.5 | 18.0 | 18.3 |      |
|  | 3H  | 17.2                | 17.7        | 17.6 | 18.0 | 18.4 | 17.1              | 17.5 | 17.4 | 17.9 | 18.2 |      |
|  | 4H  | 17.1                | 17.5        | 17.5 | 17.9 | 18.3 | 17.0              | 17.4 | 17.4 | 17.7 | 18.1 |      |
|  | 6H  | 17.0                | 17.4        | 17.5 | 17.8 | 18.2 | 16.9              | 17.2 | 17.3 | 17.6 | 18.1 |      |
|  | 8H  | 17.0                | 17.3        | 17.4 | 17.7 | 18.2 | 16.8              | 17.2 | 17.3 | 17.6 | 18.0 |      |
|  | 12H | 16.9                | 17.2        | 17.4 | 17.7 | 18.1 | 16.8              | 17.1 | 17.3 | 17.5 | 18.0 |      |
| 8H   | 4H  | 17.0                | 17.3        | 17.4 | 17.7 | 18.2 | 16.8              | 17.2 | 17.3 | 17.6 | 18.0 |      |
|  | 6H  | 16.9                | 17.2        | 17.4 | 17.6 | 18.1 | 16.8              | 17.0 | 17.2 | 17.5 | 17.9 |      |
|  | 8H  | 16.9                | 17.1        | 17.3 | 17.5 | 18.0 | 16.7              | 16.9 | 17.2 | 17.4 | 17.9 |      |
|  | 12H | 16.8                | 17.0        | 17.3 | 17.5 | 18.0 | 16.7              | 16.8 | 17.2 | 17.3 | 17.9 |      |
| 12H  | 4H  | 16.9                | 17.2        | 17.4 | 17.7 | 18.1 | 16.8              | 17.1 | 17.3 | 17.5 | 18.0 |      |
|  | 6H  | 16.9                | 17.1        | 17.3 | 17.5 | 18.0 | 16.7              | 16.9 | 17.2 | 17.4 | 17.9 |      |
|  | 8H  | 16.8                | 17.0        | 17.3 | 17.5 | 18.0 | 16.7              | 16.9 | 17.2 | 17.3 | 17.9 |      |
| 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       |      |      |      |      |      |