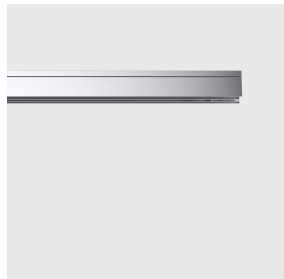


Last information update: March 2025

**Product configuration: RU37.12+PI24.12**

RU37.12: Linear module - recessed Minimal Down - for MMO/Space/Wall Washer versions - L=3576 - Aluminium

PI24.12: Plate with Warm White LED - MMO Downlight - UGR<19 - LO - DALI - L=1192 - 18.4W 2163.7lm - 3000K - CRI 90 - Aluminium

**Product code**

RU37.12: Linear module - recessed Minimal Down - for MMO/Space/Wall Washer versions - L=3576 - Aluminium

**Technical description**

Recessed Minimal (Frameless) version with extruded aluminium profile installed flush with ceiling. Designed for use with an LED plate in MMO, Space and Wall Washer versions.

**Installation**

Can be recess-mounted.

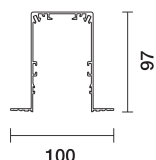
**Colour**

Aluminium (12)

**Wiring**

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

Complies with EN60598-1 and pertinent regulations

**Product code**

PI24.12: Plate with Warm White LED - MMO Downlight - UGR<19 - LO - DALI - L=1192 - 18.4W 2163.7lm - 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)**

0.93

**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

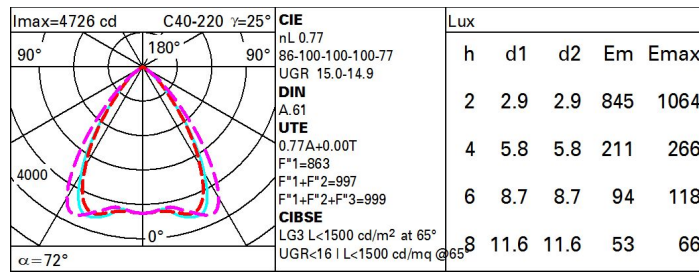


IP20

**Technical data**

|  |       |                                       |                                 |
|--|-------|---------------------------------------|---------------------------------|
| lm system:   | 6499  | Colour temperature [K]:               | 3000                            |
| W system:  | 55.2  | MacAdam Step:                         | 3                               |
| lm source:   | 8440  | Life Time LED 1:                      | > 50,000h - L90 - B10 (Ta 25°C) |
| W source:  | 48    | Lamp code:                            | LED                             |
| Luminous efficiency (lm/W, real value):            | 117.7 | 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):                                     | 90    | Control:                              | DALI-2                          |

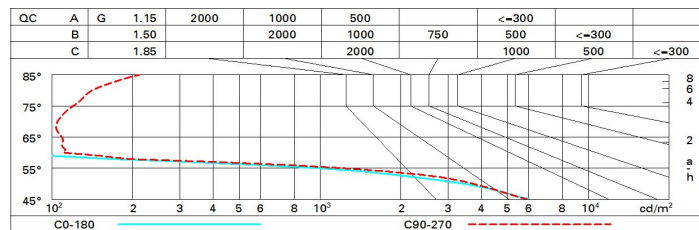
# Polar



# 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 8440 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 |  |
|  |     | 0.50                | 0.30        | 0.50 | 0.30 | 0.30 | 0.50              | 0.30 | 0.50 | 0.30 | 0.30 |  |
|  |     | 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  | 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        | 15.7 | 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              | 15.6 | 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  | 15.1                | 15.5        | 15.5 | 15.9 | 16.3 | 15.0              | 15.4 | 15.4 | 15.8 | 16.1 |  |
|  | 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 | 15.7 | 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 | 15.7 | 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              | 14.9 | 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       |      |      |      |      |  |