

## iN60 Evo System

Design iGuzzini

iGuzzini

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### Product configuration: RU25.01+PI24.12

RU25.01: Linear module - recessed Frame Down - for MMO/Space/Wall Washer versions - L=1192 - White

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

RU25.01: Linear module - recessed Frame Down - for MMO/Space/Wall Washer versions - L=1192 - 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.

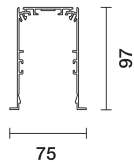
### Colour

White (01)

### Wiring

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

Complies with EN60598-1 and pertinent regulations



### 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

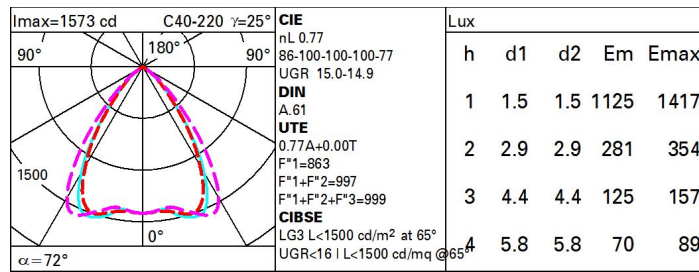
Complies with EN60598-1 and pertinent regulations



### Technical data

lm system:	2164	Colour temperature [K]:	3000
W system:	18.4	MacAdam Step:	3
lm source:	2810	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	16	Lamp code:	LED
Luminous efficiency (lm/W, real value):	117.6	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

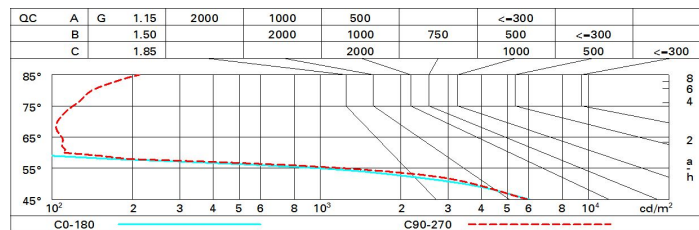
# Polar



# 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 2810 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	16.4	16.7	15.4	16.1	15.7	16.3	16.5	16.5
	3H	15.4	16.0	15.7	16.3	16.6	15.3	15.9	15.6	16.2	16.4	16.4
	4H	15.4	15.9	15.7	16.2	16.5	15.2	15.8	15.6	16.1	16.4	16.4
	6H	15.3	15.8	15.6	16.1	16.4	15.2	15.6	15.5	16.0	16.3	16.3
	8H	15.2	15.7	15.6	16.0	16.4	15.1	15.6	15.5	15.9	16.3	16.3
	12H	15.2	15.7	15.6	16.0	16.4	15.1	15.5	15.5	15.9	16.2	16.2
4H	2H	15.4	15.9	15.7	16.2	16.5	15.2	15.7	15.5	16.0	16.3	16.3
	3H	15.2	15.7	15.6	16.0	16.4	15.1	15.5	15.5	15.9	16.2	16.2
	4H	15.1	15.5	15.5	15.9	16.3	15.0	15.4	15.4	15.8	16.1	16.1
	6H	15.1	15.4	15.5	15.8	16.2	14.9	15.3	15.3	15.7	16.1	16.1
	8H	15.0	15.3	15.5	15.7	16.2	14.9	15.2	15.3	15.6	16.0	16.0
	12H	15.0	15.3	15.4	15.7	16.1	14.8	15.1	15.3	15.5	16.0	16.0
8H	4H	15.0	15.3	15.5	15.7	16.2	14.9	15.2	15.3	15.6	16.0	16.0
	6H	14.9	15.2	15.4	15.6	16.1	14.8	15.0	15.2	15.5	16.0	16.0
	8H	14.9	15.1	15.4	15.6	16.1	14.7	14.9	15.2	15.4	15.9	15.9
	12H	14.8	15.0	15.3	15.5	16.0	14.7	14.9	15.2	15.4	15.9	15.9
12H	4H	15.0	15.3	15.4	15.7	16.1	14.8	15.1	15.3	15.5	16.0	16.0
	6H	14.9	15.1	15.4	15.6	16.1	14.7	14.9	15.2	15.4	15.9	15.9
	8H	14.8	15.0	15.3	15.5	16.0	14.7	14.9	15.2	15.4	15.9	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				