

Last information update: May 2025

Product configuration: RU27.01+PI42.D8

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

PI42.D8: Plate with Warm White LED - Space optic - Downlight - UGR<19 - LO - DALI - L=2384 - 43.9W 5671.3lm - 3000K - White Transparent

**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.

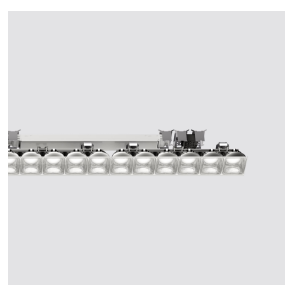
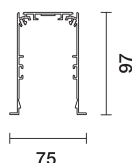
Colour

White (01)

Wiring

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

Complies with EN60598-1 and pertinent regulations

**Product code**

PI42.D8: Plate with Warm White LED - Space optic - Downlight - UGR<19 - LO - DALI - L=2384 - 43.9W 5671.3lm - 3000K - White Transparent

Technical description

Warm White LED plate with direct (Down) emission in a version with a Space optic available in a Transparent White and a Transparent Black version. Translucent textured thermoplastic raster, created with a catadioptric system (patented Opti Diamond optic) - with no galvanic treatments - combined with a PP cover with a gloss finish and an additional diffuser screen. The resulting optic system generates an extremely elegant and professional light emission. Low Output (LO) version luminaire with controlled luminance 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

White Transparent (D8)

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.

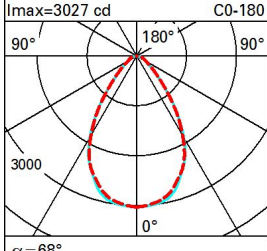
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	4058	Rg (Gamut Index):	95
W system:	26.1	Colour temperature [K]:	3000
Im source:	4890	MacAdam Step:	3
W source:	23	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	155.5	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	83	ZVEI Code:	LED
CRI (minimum):	80	Number of optical assemblies:	1
Rf (Colour Fidelity Index):	85	Control:	DALI-2

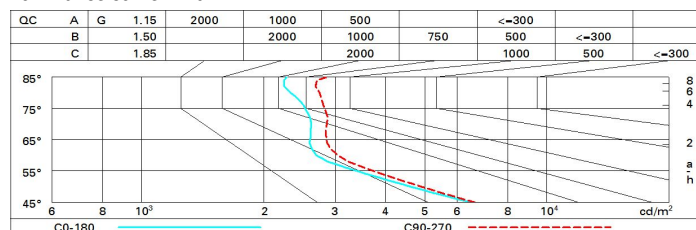
Polar

	Imax=3027 cd		C0-180		CIE nL 0.83 77-93-98-100-83 UGR 17.7-17.6 DIN A.61 UTE 0.83B+0.00T F*1=767 F*1+F*2=931 F*1+F*2+F*3=983 CIBSE LG3 L<3000 cd/m² at 65° UGR<19 L<3000 cd/mq @65°	Lux				
	h	d1	d2	Em	Emax					
	2	2.7	2.7	549	757					
	4	5.4	5.4	137	189					
	6	8.1	8.1	61	84					
	8	10.8	10.8	34	47					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	66	60	56	52	59	55	55	51	61
1.0	70	65	61	58	64	60	60	56	67
1.5	76	72	69	66	71	68	67	63	76
2.0	80	77	74	72	75	73	72	69	83
2.5	82	80	77	75	78	76	75	72	87
3.0	84	82	80	78	80	78	77	74	89
4.0	85	84	82	81	82	81	79	77	92
5.0	86	85	83	82	83	82	81	78	94

Luminance curve limit



UGR diagram

Corrected UGR values (at 4890 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	15.7	16.4	16.0	16.7	16.9	15.8	16.5	16.1	16.8	17.0	17.2
	3H	16.3	17.0	16.6	17.3	17.6	15.9	16.6	16.2	16.9	17.2	17.2
	4H	16.6	17.3	17.0	17.6	17.9	15.9	16.6	16.3	16.9	17.2	17.2
	6H	16.9	17.5	17.3	17.8	18.2	15.9	16.5	16.3	16.8	17.2	17.2
	8H	17.0	17.6	17.4	17.9	18.3	15.9	16.5	16.3	16.8	17.2	17.2
	12H	17.1	17.7	17.5	18.0	18.4	15.9	16.4	16.3	16.8	17.1	17.1
4H	2H	15.8	16.5	16.2	16.8	17.1	16.9	17.6	17.2	17.8	18.2	18.2
	3H	16.7	17.2	17.1	17.6	17.9	17.3	17.8	17.7	18.2	18.5	18.5
	4H	17.1	17.6	17.5	18.0	18.4	17.4	17.9	17.8	18.3	18.7	18.7
	6H	17.5	18.0	18.0	18.4	18.8	17.5	18.0	18.0	18.4	18.8	18.8
	8H	17.7	18.1	18.1	18.5	19.0	17.6	18.0	18.0	18.4	18.8	18.8
	12H	17.8	18.2	18.3	18.6	19.1	17.6	17.9	18.0	18.4	18.8	18.8
8H	4H	17.3	17.7	17.7	18.1	18.5	18.2	18.6	18.6	19.0	19.4	19.4
	6H	17.8	18.2	18.3	18.6	19.1	18.4	18.8	18.9	19.2	19.7	19.7
	8H	18.0	18.3	18.5	18.8	19.3	18.5	18.8	19.0	19.3	19.8	19.8
	12H	18.2	18.5	18.7	19.0	19.5	18.6	18.8	19.1	19.3	19.9	19.9
12H	4H	17.3	17.7	17.7	18.1	18.5	18.3	18.7	18.8	19.1	19.6	19.6
	6H	17.9	18.2	18.4	18.6	19.1	18.6	18.9	19.1	19.4	19.9	19.9
	8H	18.1	18.4	18.6	18.9	19.4	18.8	19.0	19.3	19.5	20.0	20.0
Variations with the observer position at spacing:												
S =		1.0H	0.8 / -0.8		0.6 / -0.6							
		1.5H	1.7 / -1.3		1.4 / -1.1							
		2.0H	2.9 / -1.4		2.5 / -1.2							