

Last information update: June 2025

Product configuration: RU27.01+RW45.83

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

RW45.83: Plate with LED - Space optic - Downlight - UGR<19 - LO - DALI - L=2384 - 43.9W 4904.7lm - 3500K - CRI 90 - Black 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.

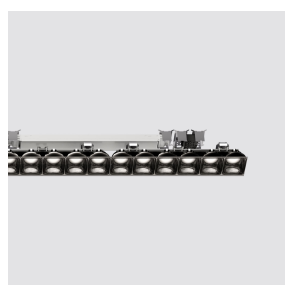
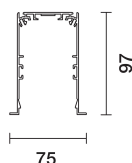
Colour

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

RW45.83: Plate with LED - Space optic - Downlight - UGR<19 - LO - DALI - L=2384 - 43.9W 4904.7lm - 3500K - CRI 90 - Black Transparent

Technical description

3500K LED plate with a direct (Down) light 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

Black Transparent (83)

Weight (Kg)

1.85

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.

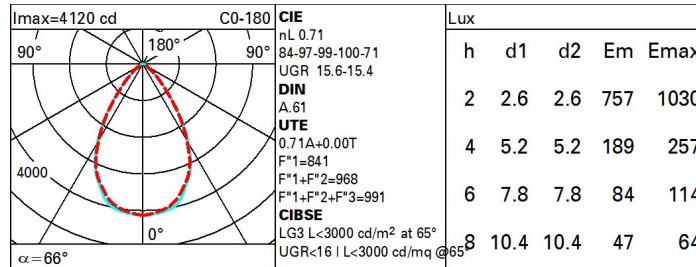
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	4905	Colour temperature [K]:	3500
W system:	43.9	MacAdam Step:	3
Im source:	6910	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	39	Lamp code:	LED
Luminous efficiency (Im/W, real value):	111.7	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.) [%]:	71	Number of optical assemblies:	1
CRI (minimum):	90	Control:	DALI-2

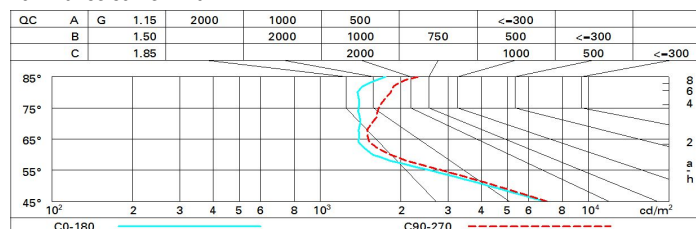
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	59	54	51	49	54	51	50	47	67
1.0	62	58	55	53	57	55	54	51	72
1.5	67	64	61	59	63	61	60	57	81
2.0	70	68	66	64	66	65	64	61	86
2.5	72	70	68	67	69	67	66	64	90
3.0	73	71	70	69	70	69	68	66	92
4.0	74	73	72	71	71	71	69	67	95
5.0	74	74	73	72	72	71	70	68	96

Luminance curve limit



UGR diagram

Corrected UGR values (at 6910 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	15.2	16.0	15.5	16.2	16.5	15.2	15.9	15.4	16.1	16.4	16.4
	3H	15.3	16.0	15.6	16.3	16.5	15.1	15.8	15.4	16.0	16.3	16.3
	4H	15.4	16.0	15.7	16.3	16.6	15.0	15.7	15.4	16.0	16.3	16.3
	6H	15.4	16.0	15.8	16.3	16.7	15.0	15.6	15.3	15.9	16.2	16.2
	8H	15.5	16.0	15.9	16.4	16.7	15.0	15.5	15.3	15.8	16.2	16.2
	12H	15.5	16.1	15.9	16.4	16.8	14.9	15.5	15.3	15.8	16.2	16.2
4H	2H	15.1	15.8	15.5	16.1	16.4	15.4	16.0	15.7	16.3	16.6	16.6
	3H	15.3	15.8	15.6	16.1	16.5	15.5	16.0	15.8	16.3	16.7	16.7
	4H	15.4	15.9	15.8	16.2	16.6	15.5	15.9	15.9	16.3	16.7	16.7
	6H	15.5	16.0	16.0	16.4	16.8	15.5	15.9	15.9	16.3	16.7	16.7
	8H	15.6	16.0	16.1	16.4	16.9	15.4	15.8	15.9	16.2	16.7	16.7
	12H	15.7	16.0	16.2	16.5	16.9	15.4	15.8	15.9	16.2	16.7	16.7
8H	4H	15.4	15.7	15.8	16.2	16.6	15.9	16.3	16.4	16.7	17.2	17.2
	6H	15.6	15.9	16.1	16.4	16.8	16.0	16.4	16.5	16.8	17.3	17.3
	8H	15.7	16.0	16.2	16.5	17.0	16.1	16.4	16.6	16.8	17.3	17.3
	12H	15.9	16.1	16.4	16.6	17.1	16.1	16.4	16.6	16.9	17.4	17.4
12H	4H	15.3	15.7	15.8	16.1	16.6	16.1	16.4	16.5	16.9	17.3	17.3
	6H	15.6	15.9	16.1	16.3	16.8	16.3	16.5	16.7	17.0	17.5	17.5
	8H	15.8	16.0	16.3	16.5	17.0	16.4	16.6	16.9	17.1	17.6	17.6
Variations with the observer position at spacing:												
S =		1.0H	1.9 / -2.4		1.6 / -1.8							
		1.5H	3.9 / -3.3		3.4 / -2.5							
		2.0H	5.7 / -3.5		5.1 / -2.7							