

Last information update: June 2025

### Product configuration: RU27.01+RW45.D8

RU27.01: Linear module - recessed Frame Down - for MMO/Space/Wall Washer versions - L=2384 - White  
RW45.D8: Plate with LED - Space optic - Downlight - UGR<19 - LO - DALI - L=2384 - 43.9W 4904.7lm - 3500K - CRI 90 - 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.

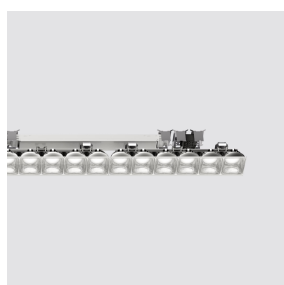
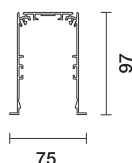
### Colour

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

RW45.D8: Plate with LED - Space optic - Downlight - UGR<19 - LO - DALI - L=2384 - 43.9W 4904.7lm - 3500K - CRI 90 - White 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

White Transparent (D8)

### 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.

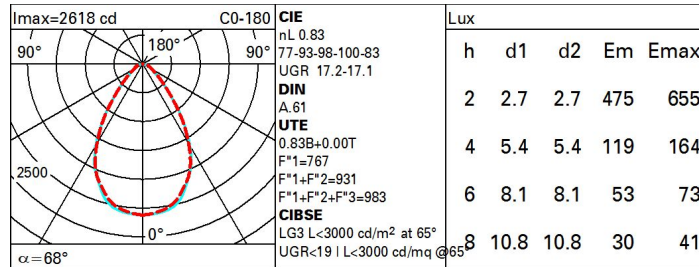
Complies with EN60598-1 and pertinent regulations



# Technical data

Im system:	3510	Colour temperature [K]:	3500
W system:	26.1	MacAdam Step:	3
Im source:	4230	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	23	Lamp code:	LED
Luminous efficiency (Im/W, real value):	134.5	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.) [%]:	83	Number of optical assemblies:	1
CRI (minimum):	90	Control:	DALI-2

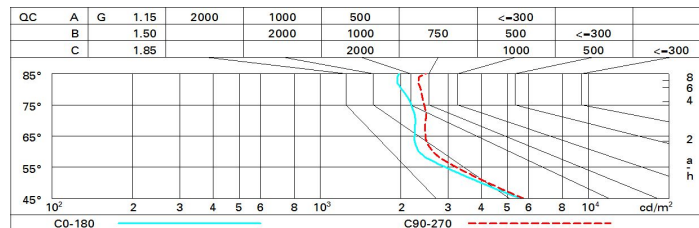
# Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	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 4230 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	
		0.50	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 crosswise					viewed endwise					
2H	2H	15.2	15.9	15.5	16.2	16.4	15.3	16.0	15.6	16.3	16.5	
	3H	15.8	16.5	16.1	16.8	17.1	15.4	16.1	15.7	16.4	16.6	
	4H	16.1	16.8	16.5	17.1	17.4	15.4	16.1	15.8	16.4	16.7	
	6H	16.4	17.0	16.8	17.3	17.7	15.4	16.0	15.8	16.3	16.7	
	8H	16.5	17.1	16.9	17.4	17.8	15.4	16.0	15.8	16.3	16.7	
	12H	16.6	17.2	17.0	17.5	17.9	15.4	15.9	15.7	16.3	16.6	
4H	2H	15.3	16.0	15.7	16.3	16.6	16.4	17.0	16.7	17.3	17.7	
	3H	16.2	16.7	16.5	17.1	17.4	16.8	17.3	17.2	17.7	18.0	
	4H	16.6	17.1	17.0	17.5	17.9	16.9	17.4	17.3	17.8	18.2	
	6H	17.0	17.5	17.5	17.9	18.3	17.0	17.5	17.5	17.9	18.3	
	8H	17.2	17.6	17.6	18.0	18.5	17.1	17.5	17.5	17.9	18.3	
	12H	17.3	17.7	17.8	18.1	18.6	17.1	17.4	17.5	17.8	18.3	
8H	4H	16.8	17.2	17.2	17.6	18.0	17.7	18.1	18.1	18.5	18.9	
	6H	17.3	17.7	17.8	18.1	18.6	17.9	18.2	18.4	18.7	19.2	
	8H	17.5	17.8	18.0	18.3	18.8	18.0	18.3	18.5	18.8	19.3	
	12H	17.7	18.0	18.2	18.5	19.0	18.1	18.3	18.6	18.8	19.4	
12H	4H	16.8	17.1	17.2	17.6	18.0	17.8	18.2	18.3	18.6	19.1	
	6H	17.4	17.7	17.9	18.1	18.6	18.1	18.4	18.6	18.9	19.4	
	8H	17.6	17.9	18.1	18.4	18.9	18.3	18.5	18.8	19.0	19.5	
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							