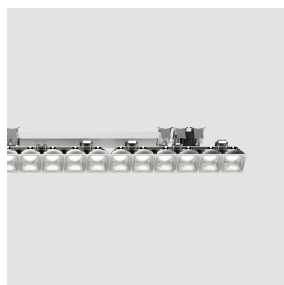


Last information update: May 2025

Product configuration: RU32.12+RW42.D8

RU32.12: Linear module - recessed Minimal Down - for MMO/Space/Wall Washer versions - L=1192 - Aluminium

RW42.D8: Plate with LED - Space optic - Downlight - UGR<19 - LO - DALI - L=1192 - 21.9W 2832.1lm - 3500K - White Transparent

**Product code**

RU32.12: Linear module - recessed Minimal Down - for MMO/Space/Wall Washer versions - L=1192 - 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**

RW42.D8: Plate with LED - Space optic - Downlight - UGR<19 - LO - DALI - L=1192 - 21.9W 2832.1lm - 3500K - 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)

0.91

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:	2025	Colour temperature [K]:	3500
W system:	13.3	MacAdam Step:	3
lm source:	2440	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	11	Lamp code:	LED
Luminous efficiency (lm/W, real value):	152.2	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):	80	Control:	DALI-2

	Imax =1510 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 <table border="1"> <thead> <tr> <th>h</th> <th>d1</th> <th>d2</th> <th>Em</th> <th>Emax</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.3</td> <td>1.3</td> <td>1096</td> <td>1510</td> </tr> <tr> <td>2</td> <td>2.7</td> <td>2.7</td> <td>274</td> <td>378</td> </tr> <tr> <td>3</td> <td>4</td> <td>4</td> <td>122</td> <td>168</td> </tr> <tr> <td>4</td> <td>5.4</td> <td>5.4</td> <td>68</td> <td>94</td> </tr> </tbody> </table>	h	d1	d2	Em	Emax	1	1.3	1.3	1096	1510	2	2.7	2.7	274	378	3	4	4	122	168	4	5.4	5.4	68	94
	h	d1	d2	Em	Emax																						
	1	1.3	1.3	1096	1510																						
	2	2.7	2.7	274	378																						
	3	4	4	122	168																						
4	5.4	5.4	68	94																							
α =68°																											

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

The graph shows the relationship between luminance (cd/m²) and viewing angle (αh) for different surface conditions. The table above the graph provides luminance values for various surface conditions (QC, A, G, 1.15, 2000, 1000, 500, <-300, <-300). The plot shows luminance (cd/m²) on the x-axis (logarithmic scale from 10⁻³ to 10¹) versus viewing angle (αh) on the y-axis (linear scale from 45° to 85°). The plot includes curves for different surface conditions: C0-180 (solid blue line), C90-270 (dashed red line), and cd/m² (solid black line). The curves show that luminance decreases as the viewing angle increases, and that the C90-270 condition generally results in higher luminance values than the C0-180 condition.

UGR diagram

Corrected UGR values (at 2440 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	15.7	16.4	16.0	16.7	16.9	15.8	16.5	16.1	16.8	17.0	
	3H	16.3	17.0	16.6	17.3	17.6	15.9	16.6	16.2	16.9	17.1	
	4H	16.6	17.3	17.0	17.6	17.9	15.9	16.6	16.3	16.9	17.2	
	6H	16.9	17.5	17.3	17.8	18.2	15.9	16.5	16.3	16.8	17.2	
	8H	17.0	17.6	17.4	17.9	18.3	15.9	16.5	16.3	16.8	17.1	
	12H	17.1	17.7	17.5	18.0	18.4	15.9	16.4	16.2	16.8	17.1	
4H	2H	15.8	16.5	16.2	16.8	17.1	16.9	17.5	17.2	17.8	18.1	
	3H	16.7	17.2	17.0	17.6	17.9	17.3	17.8	17.6	18.2	18.5	
	4H	17.1	17.6	17.5	18.0	18.4	17.4	17.9	17.8	18.3	18.7	
	6H	17.5	18.0	18.0	18.4	18.8	17.5	18.0	18.0	18.4	18.8	
	8H	17.7	18.1	18.1	18.5	18.9	17.6	18.0	18.0	18.4	18.8	
	12H	17.8	18.2	18.3	18.6	19.1	17.6	17.9	18.0	18.3	18.8	
8H	4H	17.3	17.7	17.7	18.1	18.5	18.2	18.6	18.6	19.0	19.4	
	6H	17.8	18.2	18.3	18.6	19.1	18.4	18.7	18.9	19.2	19.7	
	8H	18.0	18.3	18.5	18.8	19.3	18.5	18.8	19.0	19.3	19.8	
	12H	18.2	18.5	18.7	19.0	19.5	18.6	18.8	19.1	19.3	19.8	
12H	4H	17.3	17.6	17.7	18.1	18.5	18.3	18.7	18.8	19.1	19.6	
	6H	17.9	18.2	18.4	18.6	19.1	18.6	18.9	19.1	19.4	19.9	
	8H	18.1	18.4	18.6	18.9	19.4	18.8	19.0	19.3	19.5	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							