

Last information update: May 2025

Product configuration: RU32.12+RW42.83

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

RW42.83: Plate with LED - Space optic - Downlight - UGR<19 - LO - DALI - L=1192 - 21.9W 2832.1lm - 3500K - Black 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.

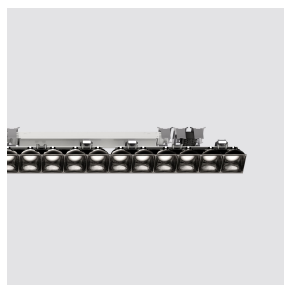
Colour

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

RW42.83: Plate with LED - Space optic - Downlight - UGR<19 - LO - DALI - L=1192 - 21.9W 2832.1lm - 3500K - 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)

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



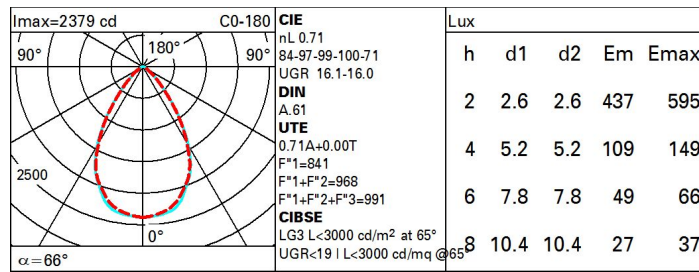
IP20



Technical data

lm system:	2832	Colour temperature [K]:	3500
W system:	21.9	MacAdam Step:	3
lm source:	3990	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	19	Lamp code:	LED
Luminous efficiency (lm/W, real value):	129.3	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):	80	Control:	DALI-2

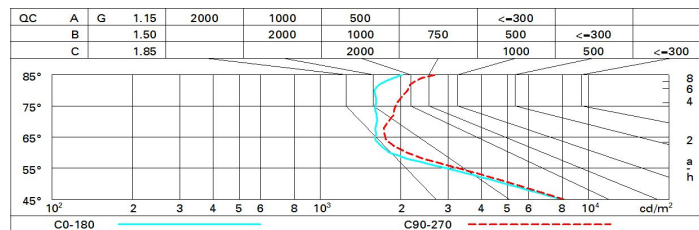
Polar



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 3990 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	16.5	16.0	16.7	17.0	15.7	16.4	15.9	16.6	16.9	16.9
	3H	15.8	16.5	16.1	16.8	17.0	15.6	16.3	15.9	16.5	16.8	16.8
	4H	15.9	16.5	16.2	16.8	17.1	15.6	16.2	15.9	16.5	16.8	16.8
	6H	15.9	16.5	16.3	16.8	17.2	15.5	16.1	15.8	16.4	16.7	16.7
	8H	16.0	16.5	16.4	16.9	17.2	15.5	16.0	15.8	16.3	16.7	16.7
	12H	16.0	16.6	16.4	16.9	17.3	15.4	16.0	15.8	16.3	16.7	16.7
4H	2H	15.6	16.3	16.0	16.6	16.9	15.9	16.5	16.2	16.8	17.1	17.1
	3H	15.8	16.3	16.2	16.6	17.0	16.0	16.5	16.3	16.8	17.2	17.2
	4H	15.9	16.4	16.3	16.7	17.1	16.0	16.4	16.4	16.8	17.2	17.2
	6H	16.0	16.5	16.5	16.9	17.3	16.0	16.4	16.4	16.8	17.2	17.2
	8H	16.1	16.5	16.6	16.9	17.4	16.0	16.3	16.4	16.7	17.2	17.2
	12H	16.2	16.5	16.7	17.0	17.4	15.9	16.3	16.4	16.7	17.2	17.2
8H	4H	15.9	16.2	16.3	16.7	17.1	16.4	16.8	16.9	17.2	17.7	17.7
	6H	16.1	16.4	16.6	16.9	17.3	16.5	16.9	17.0	17.3	17.8	17.8
	8H	16.2	16.5	16.7	17.0	17.5	16.6	16.9	17.1	17.3	17.8	17.8
	12H	16.4	16.6	16.9	17.1	17.6	16.6	16.9	17.1	17.4	17.9	17.9
12H	4H	15.8	16.2	16.3	16.6	17.1	16.6	16.9	17.0	17.4	17.8	17.8
	6H	16.1	16.4	16.6	16.8	17.3	16.8	17.0	17.2	17.5	18.0	18.0
	8H	16.3	16.5	16.8	17.0	17.5	16.9	17.1	17.4	17.6	18.1	18.1
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							