

Last information update: July 2025

**Product configuration: RU44.12+RW48.83**

RU44.12: Minimal Down linear module - Surface or Pendant-mounted - for MMO/Space/Wall Washer versions - L=3576 - Aluminium  
RW48.83: Plate with Neutral White LED - Space optic - Up/Down - UGR<19 - LO - DALI - L=1192 - 32.9W 4665.6lm - 4000K - Black Transparent



**Product code**

RU44.12: Minimal Down linear module - Surface or Pendant-mounted - for MMO/Space/Wall Washer versions - L=3576 - Aluminium

**Technical description**

Minimal (Frameless) version with extruded aluminium profile for surface or pendant-mounted application. Designed for use with LED plates in MMO, Space and Wall Washer versions. Version with direct light (Down) and indirect light (Up) option.

**Installation**

Can be surface or pendant-mounted using accessories to be ordered separately.

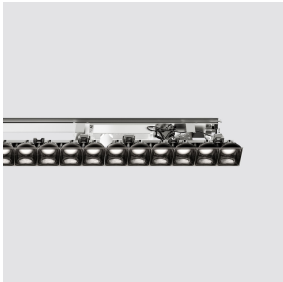
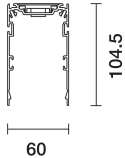
**Colour**  
Aluminium (12)

**Weight (Kg)**  
5.76

**Wiring**

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

Complies with EN60598-1 and pertinent regulations



**Product code**

RW48.83: Plate with Neutral White LED - Space optic - Up/Down - UGR<19 - LO - DALI - L=1192 - 32.9W 4665.6lm - 4000K - Black Transparent

**Technical description**

Neutral White LED plate with direct (Down) and indirect (Up) 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)**  
1.64

**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

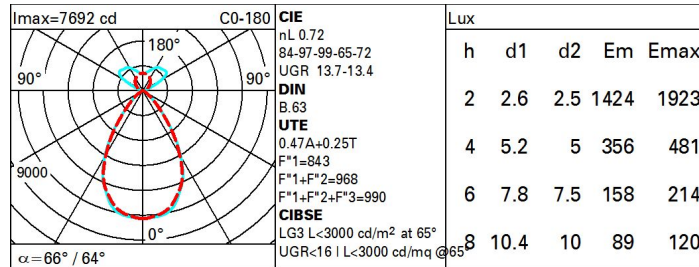
Complies with EN60598-1 and pertinent regulations



### Technical data

Im system:	14004	Colour temperature [K]:	4000
W system:	98.7	MacAdam Step:	3
Im source:	19450	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	89	Lamp code:	LED
Luminous efficiency (Im/W, real value):	141.9	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	4939	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	72	Number of optical assemblies:	1
CRI (minimum):	80	Control:	DALI-2

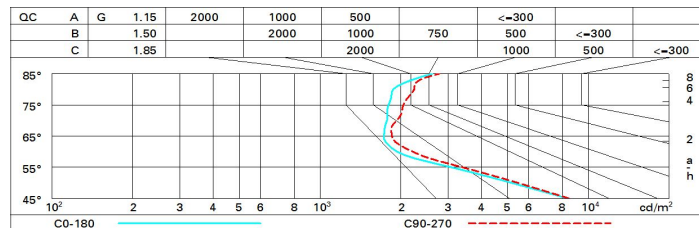
### Polar



### Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	50	45	41	39	41	39	36	31	67
1.0	53	49	45	43	45	42	40	34	73
1.5	58	55	52	49	50	48	44	38	81
2.0	61	58	56	54	53	52	47	40	87
2.5	63	61	59	57	55	54	49	42	90
3.0	64	62	61	59	57	55	51	43	92
4.0	66	64	63	61	58	57	52	44	95
5.0	66	65	64	63	59	58	53	45	96

### Luminance curve limit



# UGR diagram

Corrected UGR values (at 19450 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	13.5	14.1	14.2	14.8	15.7	13.4	13.9	14.1	14.7	15.5	
	3H	13.5	14.0	14.3	14.8	15.7	13.2	13.7	14.0	14.5	15.4	
	4H	13.5	14.0	14.3	14.8	15.7	13.1	13.6	13.9	14.4	15.3	
	6H	13.6	14.0	14.4	14.8	15.8	13.0	13.5	13.8	14.3	15.2	
	8H	13.6	14.0	14.5	14.8	15.8	13.0	13.4	13.8	14.2	15.2	
	12H	13.7	14.1	14.5	14.9	15.9	12.9	13.3	13.8	14.1	15.1	
4H	2H	13.3	13.7	14.1	14.5	15.5	13.5	14.0	14.3	14.8	15.7	
	3H	13.3	13.7	14.2	14.5	15.5	13.5	13.9	14.3	14.7	15.7	
	4H	13.4	13.8	14.3	14.6	15.6	13.5	13.8	14.3	14.6	15.7	
	6H	13.6	13.9	14.5	14.7	15.8	13.4	13.7	14.3	14.6	15.6	
	8H	13.7	13.9	14.6	14.8	15.9	13.4	13.7	14.3	14.5	15.6	
	12H	13.8	14.0	14.7	14.9	16.0	13.3	13.6	14.2	14.5	15.6	
8H	4H	13.4	13.6	14.2	14.5	15.6	13.8	14.1	14.7	15.0	16.1	
	6H	13.6	13.8	14.5	14.7	15.8	13.9	14.2	14.8	15.1	16.2	
	8H	13.8	13.9	14.7	14.9	16.0	14.0	14.2	14.9	15.1	16.2	
	12H	14.0	14.1	14.9	15.1	16.2	14.0	14.2	14.9	15.1	16.2	
12H	4H	13.3	13.6	14.2	14.4	15.5	14.0	14.2	14.9	15.1	16.2	
	6H	13.6	13.8	14.5	14.7	15.8	14.1	14.3	15.0	15.2	16.3	
	8H	13.8	14.0	14.7	14.9	16.0	14.2	14.4	15.1	15.3	16.4	
Variations with the observer position at spacing:												
S =		1.0H	1.8 / -2.2		1.6 / -1.8							
		1.5H	3.8 / -3.0		3.4 / -2.5							
		2.0H	5.5 / -3.1		5.1 / -2.7							