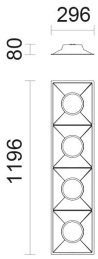
Light Shed 30

Design iGuzzini **iGuzzini**

Last information update: May 2025

Product configuration: R912
R912: 1196X296 - neutral white - UGR<19 MPO screen - DALI



Product code
R912: 1196X296 - neutral white - UGR<19 MPO screen - DALI **Attention! Code no longer in production**

Technical description
1196x296 mm luminaire for surface-mounting on modular panels in a 4000K neutral white colour. Body made of an ABS material derived from 45% of recycled materials - 100% recyclable PMMA screen. Product with high efficiency LED complete with MPO screen for UGR<19 L<3000 cd/mq α > 65° emission, for use in environments with video monitors in compliance with EN 12464-1. The DALI driver is free to be placed inside the the installation compartment as shown on the instruction sheet. Option of recessed installation in plasterboard ceilings using a frame to be ordered as an accessory.

Installation
Surface-mounted on 1200x300 mm modular panels. Recessed in plasterboard false ceilings using a frame accessory to be ordered separately.

Colour	**Weight (Kg)**
White (01)	2.15

Wiring
Product complete with DALI components. The electrical cables used are made of a “halogen free” material. (This means that the cables do not contain any halogen materials that in the event of a fire do not emit toxic or corrosive gases and only a small quantity of opaque fumes).

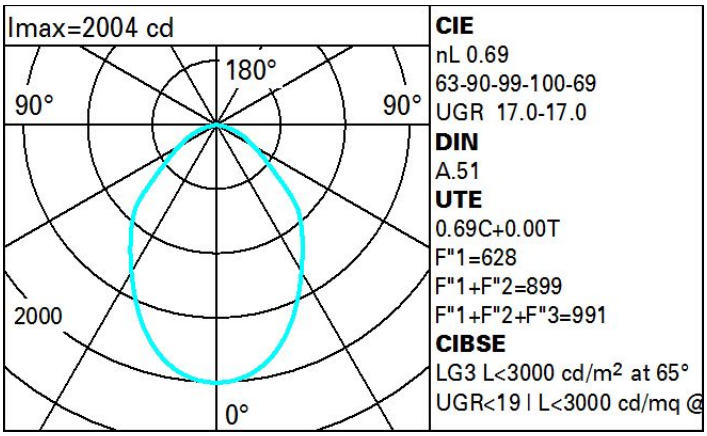
Complies with EN60598-1 and pertinent regulations

IP20 IP43 On the visible part of the product once installed

Technical data

lm system:	3519	Colour temperature [K]:	4000
W system:	31.8	MacAdam Step:	3
lm source:	5100	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	29	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	110.7	Lamp code:	LED
lm in emergency mode:	-	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.) [%]:	69	Number of optical assemblies:	1
CRI (minimum):	90	Control:	DALI-2

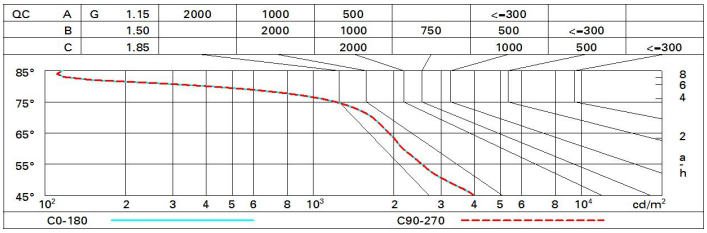
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	50	44	40	37	43	39	39	35	51
1.0	55	49	45	42	48	44	44	40	58
1.5	61	57	53	50	56	52	52	48	70
2.0	65	61	58	56	60	58	57	53	77
2.5	67	64	62	60	63	61	60	57	82
3.0	68	66	64	62	65	63	62	59	86
4.0	70	68	67	65	67	65	64	62	89
5.0	71	69	68	67	68	67	66	63	91

Luminance curve limit



UGR diagram

Corrected UGR values (at 5100 lm bare lamp luminous flux)

Riflect.: ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed crosswise					viewed endwise		
x	y										
2H	2H	15.3	16.3	15.7	16.6	16.8	15.3	16.3	15.7	16.6	16.8
	3H	16.2	17.0	16.5	17.3	17.6	15.6	16.5	16.0	16.8	17.1
	4H	16.4	17.2	16.7	17.5	17.8	15.7	16.5	16.1	16.8	17.1
	6H	16.4	17.1	16.8	17.5	17.8	15.7	16.5	16.1	16.8	17.1
	8H	16.4	17.1	16.7	17.4	17.8	15.7	16.4	16.1	16.7	17.1
	12H	16.3	17.0	16.7	17.4	17.7	15.7	16.3	16.0	16.7	17.0
4H	2H	15.7	16.5	16.1	16.8	17.1	16.4	17.2	16.7	17.5	17.8
	3H	16.7	17.4	17.1	17.7	18.1	16.8	17.5	17.2	17.8	18.2
	4H	17.0	17.6	17.4	17.9	18.3	17.0	17.6	17.4	17.9	18.3
	6H	17.0	17.5	17.4	17.9	18.4	17.0	17.6	17.5	18.0	18.4
	8H	17.0	17.4	17.4	17.9	18.3	17.0	17.5	17.5	17.9	18.4
	12H	16.9	17.4	17.4	17.8	18.3	17.0	17.4	17.4	17.8	18.3
8H	4H	17.0	17.5	17.5	17.9	18.4	17.0	17.4	17.4	17.9	18.3
	6H	17.1	17.5	17.5	17.9	18.4	17.0	17.4	17.5	17.9	18.4
	8H	17.0	17.4	17.5	17.8	18.3	17.0	17.4	17.5	17.8	18.3
	12H	17.0	17.3	17.5	17.8	18.3	17.0	17.3	17.5	17.8	18.3
12H	4H	17.0	17.4	17.4	17.8	18.3	16.9	17.4	17.4	17.8	18.3
	6H	17.0	17.4	17.5	17.8	18.3	17.0	17.3	17.5	17.8	18.3
	8H	17.0	17.3	17.5	17.8	18.3	17.0	17.3	17.5	17.8	18.3

Variations with the observer position at spacing:

S =	1.0H	0.5 / -0.6	0.5 / -0.6
	1.5H	0.9 / -1.4	0.9 / -1.4
	2.0H	1.8 / -1.9	1.8 / -1.9