

Light Shed 60

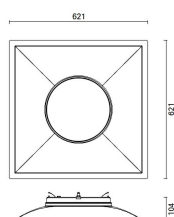
Design iGuzzini

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Last information update: December 2025

Product configuration: R922.01

R922.01: 621 x 621 - neutral white - General Lighting - DALI - 29.2W 3976lm - 4000K - White



Product code

R922.01: 621 x 621 - neutral white - General Lighting - DALI - 29.2W 3976lm - 4000K - White

Technical description

621 x 621 mm luminaire for pendant installation or surface-mounted on a modular grille - LED lamp with a 4000K colour tone. Body with a white finish in an ABS material derived from 45% of recycled materials. Coloured body versions are made of transparent polycarbonate coated with successive serigraph treatments that determine its surface finish. High efficiency LED lighting unit complete with diffuser screen - in 100% recyclable PMMA - for high flux light emission for general lighting. DALI dimmable power supply driver included that can be positioned anywhere inside the installation compartment or on the pendant structure (consult the instruction sheet). Option of recessed installation in plasterboard surfaces using a frame to be ordered as an accessory. Pendant installation using a system of accessories to be ordered separately.

Installation

Surface-mounted on 625x625 mm modular grille. Recessed in plasterboard false ceilings using a frame accessory to be ordered separately.

Colour

White (01)

Weight (Kg)

1.61

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).

Notes

White finish: ABS + PMMA (45% recycled) - coloured finishes: Serigraphed polycarbonate.

Complies with EN60598-1 and pertinent regulations



IP20

IP43

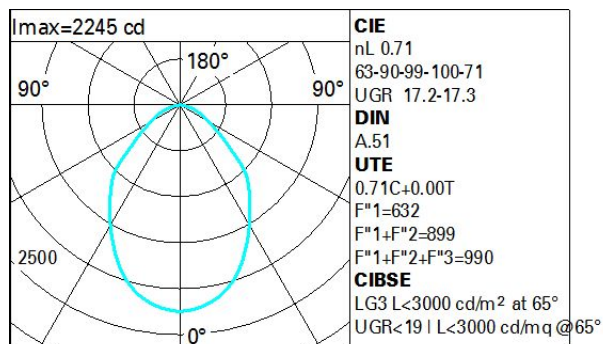
On the visible part of the product once installed



Technical data

Im system:	3976	Rg (Gamut Index):	93
W system:	29.2	Colour temperature [K]:	4000
Im source:	5600	MacAdam Step:	3
W source:	26	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	136.2	Voltage [Vin]:	230
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	71	ZVEI Code:	LED
CRI (minimum):	80	Number of optical assemblies:	1
Rf (Colour Fidelity Index):	83	Control:	DALI-2

Polar

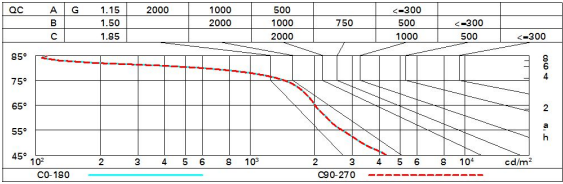


CIE
nL 0.71
63-90-99-100-71
UGR 17.2-17.3
DIN
A.51
UTE
0.71C+0.00T
F*1=632
F*1+F*2=899
F*1+F*2+F*3=990
CIBSE
LG3 L<3000 cd/m² at 65°
UGR<19 | L<3000 cd/mq @65°

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	52	46	41	38	45	41	40	36	51
1.0	56	51	46	43	50	46	45	41	58
1.5	63	58	55	52	57	54	53	50	70
2.0	67	63	60	58	62	59	58	55	78
2.5	69	66	64	61	65	62	62	58	82
3.0	70	68	66	64	67	65	64	61	86
4.0	72	70	69	67	69	67	66	63	89
5.0	73	71	70	69	70	69	68	65	91

Luminance curve limit



UGR diagram

Corrected UGR values (at 5600 lm bare lamp luminous flux)												
Reflect.:												
ceiling		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	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	0.20
Room dim		viewed crosswise					viewed endwise					
x	y											
2H	2H	15.5	16.5	15.8	16.2	17.0	15.5	16.5	15.8	16.2	17.0	17.0
	3H	16.3	17.2	16.6	17.5	17.8	15.8	16.7	16.1	17.0	17.3	17.3
	4H	16.6	17.4	16.9	17.7	18.0	15.8	16.7	16.2	17.0	17.3	17.3
	6H	16.6	17.4	17.0	17.7	18.1	15.8	16.6	16.2	17.0	17.3	17.3
	8H	16.6	17.4	17.0	17.7	18.0	15.8	16.6	16.2	16.9	17.3	17.3
	12H	16.6	17.3	17.0	17.6	18.0	15.8	16.5	16.2	16.9	17.2	17.2
4H	2H	15.8	16.7	16.2	17.0	17.3	16.6	17.4	16.9	17.7	18.0	18.0
	3H	16.8	17.6	17.2	17.9	18.3	17.0	17.7	17.4	18.1	18.4	18.4
	4H	17.2	17.8	17.6	18.2	18.6	17.2	17.8	17.6	18.2	18.6	18.6
	6H	17.3	17.8	17.7	18.2	18.7	17.3	17.8	17.7	18.2	18.7	18.7
	8H	17.2	17.8	17.7	18.2	18.6	17.3	17.8	17.7	18.2	18.6	18.6
	12H	17.2	17.7	17.7	18.1	18.6	17.2	17.7	17.7	18.1	18.6	18.6
8H	4H	17.3	17.8	17.7	18.2	18.6	17.2	17.8	17.7	18.2	18.6	18.6
	6H	17.4	17.8	17.9	18.3	18.7	17.4	17.8	17.8	18.2	18.7	18.7
	8H	17.4	17.7	17.8	18.2	18.7	17.4	17.7	17.8	18.2	18.7	18.7
	12H	17.3	17.6	17.8	18.1	18.6	17.3	17.6	17.8	18.1	18.6	18.6
12H	4H	17.2	17.7	17.7	18.1	18.6	17.2	17.7	17.7	18.1	18.6	18.6
	6H	17.4	17.7	17.8	18.2	18.7	17.3	17.7	17.8	18.1	18.6	18.6
	8H	17.3	17.6	17.8	18.1	18.6	17.3	17.6	17.8	18.1	18.6	18.6
Variations with the observer position at spacing:												
S =	1.0H	0.5 / -0.6					0.5 / -0.6					
	1.5H	0.9 / -1.3					0.9 / -1.3					
	2.0H	1.9 / -1.7					1.9 / -1.7					