Light Shed 60 Linen

Design iGuzzini **iGuzzini**

Last information update: July 2025

Product configuration: PY72
PY72: 596X596 - Warm White - MPO screen - UGR<19 - CASAMBI

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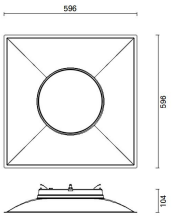
Technical description
596x596 mm luminaire for pendant installation or surface-mounted on a modular grille - LED lamp with high colour rendering index; 3000K warm white colour tone emission. NFPP (Natural Fiber Polypropylene) unit produced with Bio-Based material (material of biological origin whose key advantage is it comes from renewable sources). 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. Luminaire complete with power supply and CASAMBI Bluetooth technology, frequency 2.4 GHz. The luminaire can be controlled with the Casambi system app and components that enable on-off, dimming and scene recall functions. The app is available on the Apple Store and Google Play Store. It can be integrated in the system's mesh network that allows multiple luminaires to be controlled. Integrated Beacon that can be activated via an app (iBeacon) that enables smart functions for third party applications and the Jiminy Push Notification app.
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).



Installation
Surface-mounted on 600x600 mm modular panels.
Recessed in plasterboard false ceilings using a frame accessory to be ordered separately.
Pendant-mounted using accessories to be ordered separately.

Colour
Écru (S0)

Weight (Kg)
1.6

Mounting
ceiling recessed|ceiling pendant

Notes
Max Luminaire-Luminaire distance 8 m.
The maximum distance is affected by physical obstacles, like walls, metal panels and the layout of the system.
TPb rated

Complies with EN60598-1 and pertinent regulations

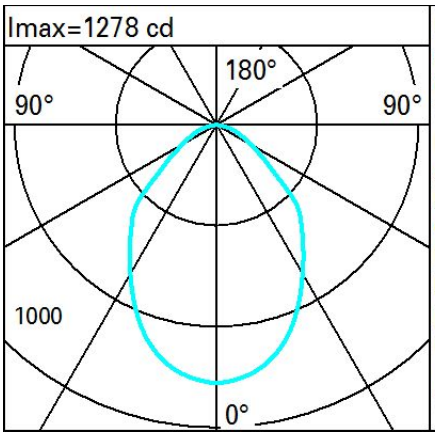
IP20 IP43 On the visible part of the product once installed

Technical data

lm system:	2237
W system:	24.4
lm source:	3550
W source:	21
Luminous efficiency (lm/W, real value):	91.7
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	63
CRI (minimum):	90
Colour temperature [K]:	3000
MacAdam Step:	3
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)

Voltage [Vin]:	230
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Power factor:	See installation instructions
Inrush current:	20 A / - µs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 50 luminaires B16A: 80 luminaires C10A: 83 luminaires C16A: 136 luminaires
Minimum dimming %:	1
Overvoltage protection:	2kV Common mode & 1kV Differential mode
Control:	Casambi

Polar

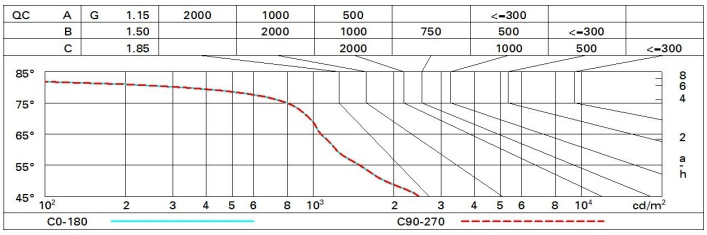


CIE
nL 0.63
64-90-99-100-63
UGR 15.1-15.1
DIN
A.51
UTE
0.63C+0.00T
F"1=636
F"1+F"2=903
F"1+F"2+F"3=990
CIBSE
LG3 L<1500 cd/m² at 65°
UGR<16 | L<1500 cd/mq @

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	46	41	37	34	40	36	36	32	51
1.0	50	45	41	39	44	41	41	37	59
1.5	56	52	49	46	51	48	48	44	70
2.0	59	56	54	51	55	53	52	49	78
2.5	61	59	56	55	57	56	55	52	83
3.0	62	60	59	57	59	58	57	54	86
4.0	64	62	61	60	61	60	59	56	89
5.0	65	63	62	61	62	61	60	58	92

Luminance curve limit



UGR diagram

Corrected UGR values (at 3550 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					viewed		
x	y			crosswise					endwise		
2H	2H	13.4	14.4	13.7	14.7	14.9	13.4	14.4	13.7	14.7	14.9
	3H	14.2	15.1	14.5	15.4	15.7	13.7	14.6	14.0	14.8	15.1
	4H	14.4	15.3	14.8	15.6	15.9	13.7	14.6	14.1	14.9	15.2
	6H	14.5	15.3	14.9	15.6	15.9	13.7	14.5	14.1	14.8	15.2
	8H	14.5	15.2	14.8	15.6	15.9	13.7	14.5	14.1	14.8	15.1
	12H	14.4	15.1	14.8	15.5	15.9	13.7	14.4	14.1	14.7	15.1
4H	2H	13.7	14.6	14.1	14.9	15.2	14.4	15.3	14.8	15.6	15.9
	3H	14.7	15.4	15.1	15.7	16.1	14.9	15.6	15.2	15.9	16.3
	4H	15.0	15.6	15.4	16.0	16.4	15.0	15.6	15.4	16.0	16.4
	6H	15.1	15.7	15.6	16.1	16.5	15.1	15.7	15.5	16.1	16.5
	8H	15.1	15.6	15.5	16.0	16.5	15.1	15.6	15.6	16.0	16.5
	12H	15.0	15.5	15.5	15.9	16.4	15.1	15.5	15.5	16.0	16.4
8H	4H	15.1	15.6	15.6	16.0	16.5	15.1	15.6	15.5	16.0	16.5
	6H	15.2	15.6	15.7	16.1	16.6	15.2	15.6	15.7	16.1	16.5
	8H	15.2	15.5	15.7	16.0	16.5	15.2	15.5	15.7	16.0	16.5
	12H	15.2	15.5	15.7	15.9	16.5	15.2	15.5	15.7	16.0	16.5
12H	4H	15.1	15.5	15.5	16.0	16.4	15.0	15.5	15.5	15.9	16.4
	6H	15.2	15.6	15.7	16.0	16.5	15.1	15.5	15.6	16.0	16.5
	8H	15.2	15.5	15.7	16.0	16.5	15.2	15.5	15.7	15.9	16.5

Variations with the observer position at spacing:

S =	1.0H	0.6 / -0.6	0.6 / -0.6
	1.5H	1.0 / -1.4	1.0 / -1.4
	2.0H	2.0 / -1.9	2.0 / -1.9