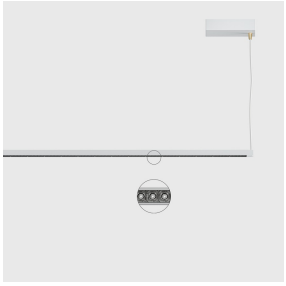
Libera System

Design Artec Studio **iGuzzini**

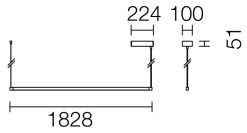
Last information update: December 2025

Product configuration: PS69.G0
PS69.G0: Luminaire with Up/Down emission L=1828 mm - GL - HO - BLE Casambi - Space Frameless optic – - 38.9W 5065.5lm - 3500K - CRI 90 - White/White Transparent



Product code
PS69.G0: Luminaire with Up/Down emission L=1828 mm - GL - HO - BLE Casambi - Space Frameless optic – - 38.9W 5065.5lm - 3500K - CRI 90 - White/White Transparent

Technical description
Direct (70%) / Indirect (30%) emission luminaire with 3500K CRI90 monochrome LED lamps. Opti-Diamond (High Output) Down General Light Space optic available in a White Cover (Transparent white) or Black Cover (Transparent black) version. Frameless version extruded aluminium profile with die-cast zamak end caps. Complete with power and pendant cable L=3000. Steel pendant mount cable with millimetric adjustment system and brass component. Ceiling-mounted base in painted aluminium with galvanised steel wall plate. Body complete with dimmable power supply unit and Casambi protocol positioned inside the extruded aluminium base. The components used allow the Libera products to be controlled with the Casambi system app and components, enabling on-off, dimming and scene recall functions and allowing multiple luminaires to operate in a Casambi mesh network. 2.4 GHz bluetooth frequency. The app is available on the Apple Store and Google Play Store. Integrated Beacon that can be activated via an app (iBeacon) that enables smart functions for third party applications and the Jiminy Push Notification app. Power supply features include overvoltage protection, short circuit protection, overcurrent and overtemperature protection.



Installation
Pendant-mounted. Complete with power and pendant cables L=3000 with brass ceiling-fixing component

Colour	**Weight (Kg)**
White/White Transparent (G0)	1.81

Mounting
ceiling pendant

Notes
Max distance between smartphone and product 8 m.
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The maximum distance is affected by physical obstacles, like walls, metal panels and the layout of the system.

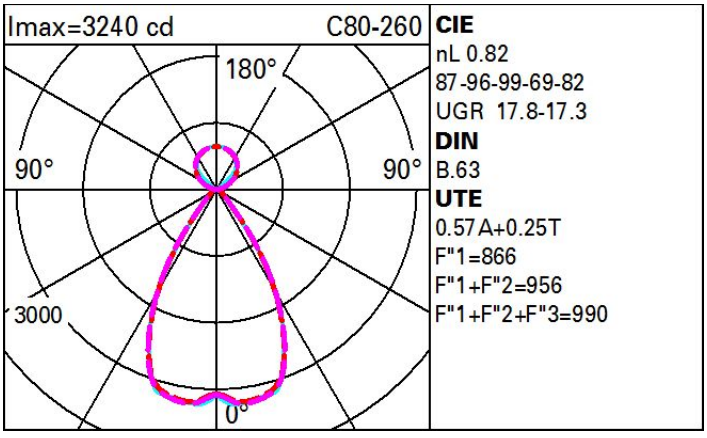
Complies with EN60598-1 and pertinent regulations

IP20

Technical data

lm system:	5066	Rf (Colour Fidelity Index):	89
W system:	38.9	Rg (Gamut Index):	95
lm source:	6140	Colour temperature [K]:	3500
W source:	35	MacAdam Step:	3
Luminous efficiency (lm/W, real value):	130.2	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	1551	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	83	ZVEI Code:	LED
CRI (minimum):	90	Number of optical assemblies:	1

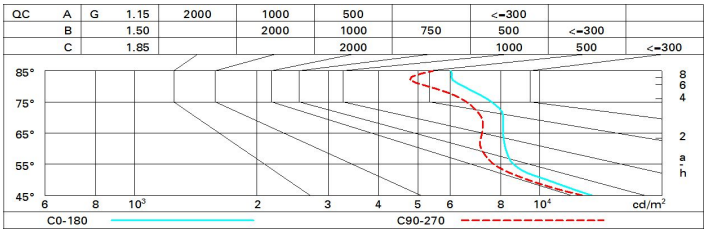
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	59	54	50	47	50	47	45	39	68
1.0	63	58	54	51	54	51	48	42	74
1.5	69	64	61	59	60	57	54	47	82
2.0	72	69	66	64	63	61	57	50	87
2.5	74	71	69	67	66	64	59	52	90
3.0	75	73	71	69	67	66	61	53	93
4.0	77	75	74	72	69	68	63	55	95
5.0	78	76	75	74	70	69	64	55	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 6140 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	16.3	16.8	17.0	17.5	18.3	16.3	16.8	17.0	17.5	18.3
	3H	16.8	17.3	17.6	18.1	18.9	16.3	16.8	17.0	17.5	18.3
	4H	17.1	17.6	17.9	18.3	19.2	16.2	16.7	17.0	17.4	18.3
	6H	17.3	17.8	18.1	18.5	19.4	16.2	16.6	17.0	17.4	18.3
	8H	17.4	17.8	18.2	18.6	19.5	16.2	16.6	16.9	17.3	18.2
	12H	17.4	17.8	18.2	18.6	19.5	16.1	16.5	16.9	17.3	18.2
4H	2H	16.2	16.7	17.0	17.4	18.3	17.0	17.4	17.7	18.2	19.0
	3H	17.0	17.4	17.8	18.1	19.1	17.2	17.6	17.9	18.3	19.2
	4H	17.4	17.7	18.2	18.5	19.5	17.2	17.6	18.0	18.4	19.3
	6H	17.7	18.0	18.5	18.8	19.8	17.3	17.6	18.1	18.4	19.4
	8H	17.8	18.1	18.7	18.9	19.9	17.3	17.6	18.1	18.4	19.4
	12H	17.9	18.1	18.7	19.0	20.0	17.3	17.5	18.1	18.4	19.4
8H	4H	17.5	17.7	18.3	18.6	19.6	17.6	17.9	18.4	18.7	19.7
	6H	17.9	18.1	18.8	19.0	20.0	17.8	18.0	18.6	18.9	19.9
	8H	18.1	18.3	18.9	19.1	20.2	17.9	18.1	18.7	18.9	20.0
	12H	18.2	18.4	19.1	19.2	20.3	17.9	18.1	18.8	19.0	20.1
12H	4H	17.4	17.7	18.3	18.5	19.5	17.7	17.9	18.5	18.7	19.8
	6H	17.9	18.1	18.8	19.0	20.0	17.9	18.1	18.8	18.9	20.0
	8H	18.1	18.3	19.0	19.2	20.2	18.0	18.2	18.9	19.1	20.1

Variations with the observer position at spacing:

S =			
	1.0H	1.6 / -1.1	1.7 / -1.2
	1.5H	3.3 / -1.4	3.5 / -1.6
	2.0H	4.8 / -1.5	5.1 / -1.7