

Last information update: April 2025

Product configuration: PS68.G0

PS68.G0: Luminaire with Up/Down emission L=1828 mm - GL - HO - BLE Casambi - Space Frameless optic - Warm White -- 42.5W 5172.8lm - 3000K - CRI 90 - White/White Transparent

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Technical description

Direct (70%) / Indirect (30%) emission luminaire with Warm White 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

White/White Transparent (G0)

Weight (Kg)

1.81

Mounting

ceiling pendant

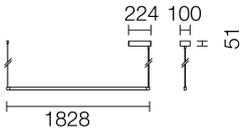
Notes

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



Technical data

| | | | |
|--|-------|--|--|
| Im system: | 5173 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W system: | 42.5 | Lamp code: | LED |
| Im source: | 6270 | Number of lamps for optical assembly: | 1 |
| W source: | 37 | ZVEI Code: | LED |
| Luminous efficiency (lm/W, real value): | 121.7 | Number of optical assemblies: | 1 |
| Im in emergency mode: | - | Power factor: | See installation instructions |
| Total light flux at or above an angle of 90° [Lm]: | 1584 | Inrush current: | 20 A / 25 µs |
| Light Output Ratio (L.O.R.) [%]: | 83 | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 34 luminaires B16A: 55 luminaires C10A: 57 luminaires C16A: 93 luminaires |
| CRI (minimum): | 90 | Minimum dimming %: | 1 |
| Colour temperature [K]: | 3000 | Overvoltage protection: | 2kV Common mode & 1kV Differential mode |
| MacAdam Step: | 3 | Control: | Casambi |

Polar

