Allure

Design iGuzzini   **iGuzzini**
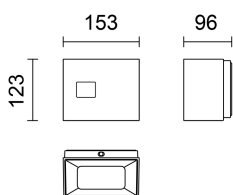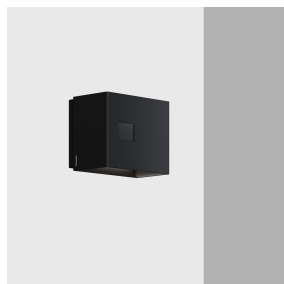
Last information update: July 2025

Product configuration: 698D

698D: Surface-mounted luminaire with integrated HF presence and twilight sensor – Warm White – Integrated power supply – AS (up) optic – On/Off – Plug&Play

Product code

698D: Surface-mounted luminaire with integrated HF presence and twilight sensor – Warm White – Integrated power supply – AS (up) optic – On/Off – Plug&Play

Technical description

Surface-mounted luminaire with Warm White LED lamps fitted with an integrated HF presence and twilight sensor and AS (up) optic. Consists of an optical assembly, a top glass, a bottom glass and a cover raster to be purchased separately. The optical assembly is made of an aluminium alloy, subjected to a multi-step, pre-treatment process in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The tempered sodium-calcium upper cover glass has black serigraphy on the edge and is 5mm thick. The tempered sodium-calcium lower cover glass has black serigraphy on the edge and is 4mm thick. The product is supplied with a flush-mounted aluminium optic for the upper optical assembly to obtain maximum efficiency. The presence and twilight sensor operates with plug&play default values that allow the product to be switched on and off (the installed power supply is On/Off). The product is equipped with an opening at the front to help sensor operation and is closed with a transparent PMMA cover. It is fitted with a PG13.5 cable gland for Ø8.5mm to Ø12.5mm diameter cables. All external screws used are made of A2 stainless steel.

Installation

The product is fixed to the wall by opening the plate on the back of it, securing it to the wall and then rapidly fixing the luminaire to it.

Colour	Weight (Kg)
White (01) | Black (04) | Green (07) | Grey (15) | Rust Brown (F5)	1.66

Mounting

wall surface

Notes

The raster (whether flush-mounted, with a visible border or a PMMA screen) must be fitted and can be purchased separately. The sensor operates with default Plug&Play values: • Maximum light level (with presence): 100% • Wait before shifting to a minimum light level: 5min • Minimum light level (without presence): 0% The product does not switch on if natural light is present.

Complies with EN60598-1 and pertinent regulations

IK07   IP66   CE   UKCA

Technical data

lm system:	733.2	Life Time LED 2:	100,000h - L80 - B10 (Ta 40C)
W system:	7.7	Voltage [Vin]:	230
lm source:	1040	Lamp code:	LED
W source:	5.5	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	95.22		
		ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	733.2		
		Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	71		
		Power factor:	See installation instructions
Beam angle [°]:	170° / 126°	Inrush current:	5 A / 50 μs
CRI:	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires
Colour temperature [K]:	3000		B16A: 50 luminaires
MacAdam Step:	3		C10A: 52 luminaires
Life Time LED 1:	100,000h - L80 - B10 (Ta 25C)		C16A: 85 luminaires
		Minimum dimming %:	1
		Overvoltage protection:	0kV Common mode & 0kV Differential mode
		Control:	HF Motion