

Platea Pro

Design Jean-Michel
Wilmotte

iGuzzini

Last information update: April 2024

Product configuration: P827

P827: Platea Pro



Product code

P827: Platea Pro

Technical description

Outdoor luminaire with a Wall Washer optic, designed to use LED lamps. Made up of an optical assembly with a base and an aluminium alloy frame. The 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. With a 5 mm thick colourless transparent tempered sodium-calcium glass cover. The product can be tilted by +5°/-90° around the vertical plane with a 10° step graduated gauge and fitted with mechanical blocks that guarantee stable aiming of the beam of light. Horizontal aiming is performed using the slots in the base, which allow an ±30° adjustment. High visual comfort. Polymer optic lenses offering high yield and even light distribution. Complete with circuit fitted with Warm White monochrome power LEDs. Extractable control gear connected with quick-coupling connectors. 220-240V ac 50/60Hz DALI electronic ballast. Replaceable control gear. All the screws used are made of A2 stainless steel.

Installation

The luminaire can be installed at ground level or on walls using the standard base.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

8.55

Mounting

wall arm|wall surface|ground anchored

Wiring

Luminaire ready for pass-through wiring. Product perfect watertightness at the power cable entry point is guaranteed by 2 nickel-plated brass M24x1.5 cable clamps, suitable for cables with a max external 16mm ø (1.5mm² cross section). Push in terminal board.

Notes

Available accessories include: a refractor for elliptical light flow distribution, diffusing glass, visor, directional flaps, protective grille .

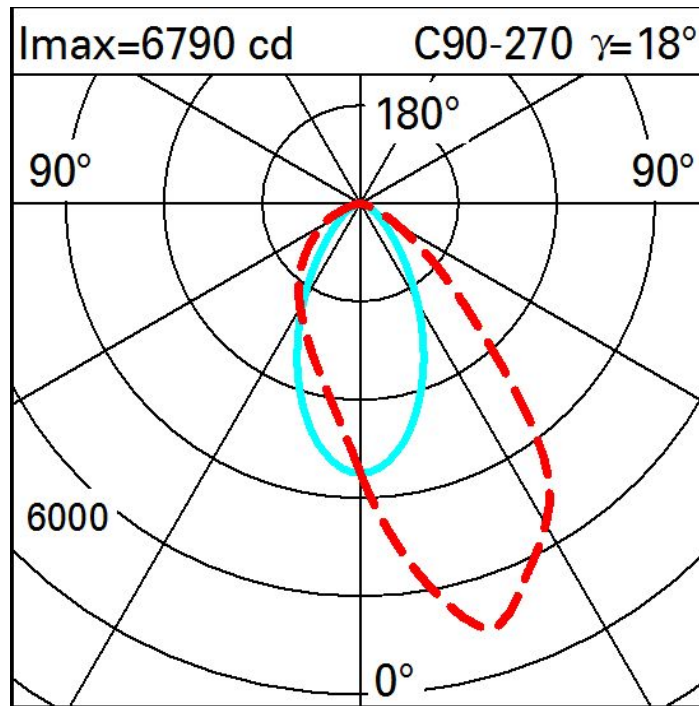
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	6301	Life Time LED 2:	76,000h - L80 - B10 (Ta 40°C)
W system:	82.7	Lamp code:	LED
Im source:	9550	Number of lamps for optical assembly:	1
W source:	76	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	76.2	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	66	Inrush current:	70 A / - µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 11 luminaires C10A: 11 luminaires C16A: 18 luminaires
Colour temperature [K]:	3000	Minimum dimming %:	10
MacAdam Step:	3	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)	Control:	DALI-2

Polar



Illuminances

Lux												Wall distance = 1m											
3																							
	0.3	1	6	31	129	247	129	31	6	1	0.3												
2	4	11	34	121	404	768	404	121	34	11	4												
	8	21	61	201	580	910	580	201	61	21	8												
1	13	29	75	200	423	567	423	200	75	29	13												
	15	36	82	170	283	349	283	170	82	36	15												
0																							
	m	-2	-1	0	1	2	3																