Platea Pro

Design Jean-Michel Wilmotte   **iGuzzini**

Last information update: May 2024

Product configuration: P866
P866: Platea Pro

Product code
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Technical description
Outdoor luminaire with an Elliptical optic, designed to use LED lamps. Made up of an optical assembly, base and all glass finish with black serigraphy to add extra style 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 Neutral 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
Grey (15)

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 .
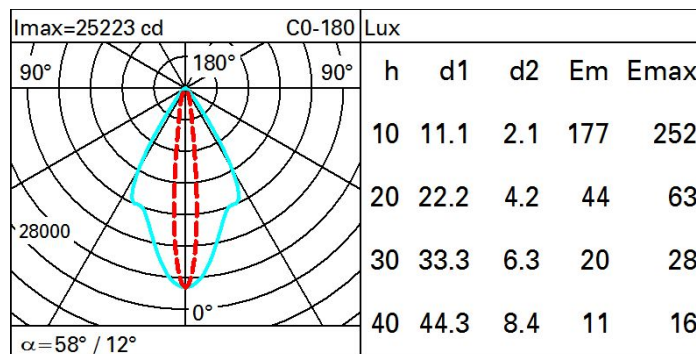
Complies with EN60598-1 and pertinent regulations

IK08   IP66   CE

Technical data

lm system:	6864		Colour temperature [K]:	4000
W system:	83.5		MacAdam Step:	3
lm source:	9950		Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W source:	76		Life Time LED 2:	76,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (lm/W, real value):	82.2		Lamp code:	LED
lm in emergency mode:	-		Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0		ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	69		Number of optical assemblies:	1
Beam angle [°]:	58° / 12°		Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80		Control:	DALI

Polar

Imax=25223 cd   C0-180

α=58° / 12°

h	d1	d2	Em	Emax
10	11.1	2.1	177	252
20	22.2	4.2	44	63
30	33.3	6.3	20	28
40	44.3	8.4	11	16

Isolux

Lux
h=5 m.
α=0°

LED
/
83.5 W

754 509 261 40 14 7 4 2 1.2

-1 0 1 2 3 4 5 6 7 8 9 m