Platea Pro

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Last information update: October 2024

Product configuration: P802
P802: 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 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 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
White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)
5.32

Mounting
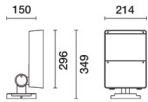wall arm|wall surface|ground anchored

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 14mm 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 UKCA 03 ⑧ EHC QCERT NOM F5 RAM Ⓢ

Technical data

lm system:	2828	Life Time LED 2:	74,000h - L80 - B10 (Ta 40°C)
W system:	34.7	Lamp code:	LED
lm source:	4100	Number of lamps for optical assembly:	1
W source:	31		
Luminous efficiency (lm/W, real value):	81.5	ZVEI Code:	LED
		Number of optical assemblies:	1
lm in emergency mode:	-		
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	69	Power factor:	See installation instructions
		Inrush current:	31 A / 186 µs
Beam angle [°]:	58° / 12°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
CRI (minimum):	80		
Colour temperature [K]:	4000		
MacAdam Step:	3		
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)	Minimum dimming %:	10
		Overvoltage protection:	10kV Common mode & 6kV Differential mode
		Control:	DALI-2

Polar

Imax=10393 cd   C0-180

α=58° / 12°

h	d1	d2	Em	Emax
8	8.9	1.7	114	162
16	17.7	3.4	28	41
24	26.6	5	13	18
32	35.5	6.7	7	10

Isolux

Lux
h=5 m.
α=0°

LED
/
34.7 W

311 210 107 17 6 3 1.5 0.8 0.5

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