Platea Pro

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Last information update: October 2024

Product configuration: P804
P804: Platea Pro

Product code
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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 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

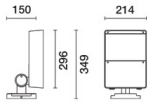## Mounting
wall arm|wall surface|ground anchored

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 .
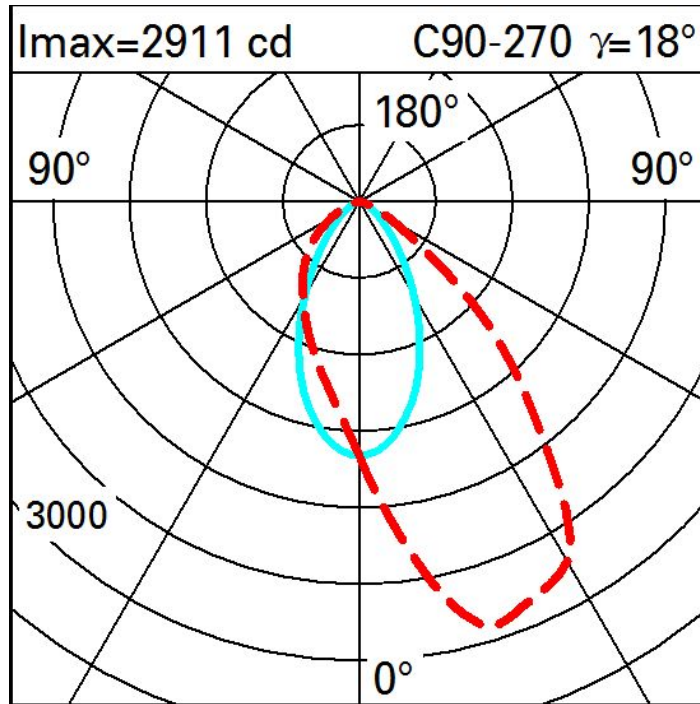
Complies with EN60598-1 and pertinent regulations

IK08   IP66   CE   UKCA   03   [S]   EHI   QCERT   NOM   RAM   (S)

Technical data

lm system:	2665	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):	76.8	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.
		Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	65	Inrush current:	26 A / 180 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 17 luminaires
Colour temperature [K]:	4000		B16A: 28 luminaires
MacAdam Step:	3		C10A: 29 luminaires
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		C16A: 47 luminaires
		Overvoltage protection:	10kV Common mode & 6kV Differential mode
		Control:	DALI-2

Polar

Imax=2911 cd   C90-270 γ=18°

180°

90°   90°

3000

0°

Illuminances

Lux   Wall distance = 1m

3

0.1 0.4   2   10   50   94   50   10   2   0.4 0.1

2 — 1 — 4 — 13 — 54 — 210 · 418 · 210 — 54 — 13 — 4 — 1 —

3   8   26   92   266 419 266 92   26   8   3

1 — 5 — 12 — 32 — 90 — 196 · 266 · 196 — 90 — 32 — 12 — 5 —

6   15   35   74   125 154 125 74   35   15   6

0

m   -2   -1   0   1   2   3