# Platea Pro

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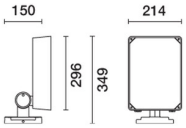



**Platea Pro**

**Product code**
P844

**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. Spike accessory for ground installation.

**Dimension (mm)**
296x214

**Colour**
Grey (15)

**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 and a spike for ground installation.

Complies with EN60598-1 and pertinent regulations

IK08 IP66

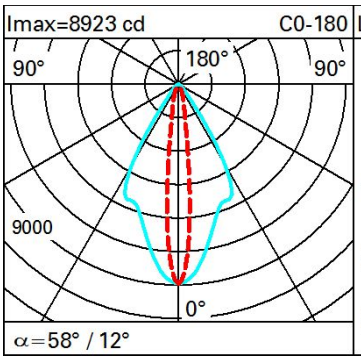
**Product configuration: P844**

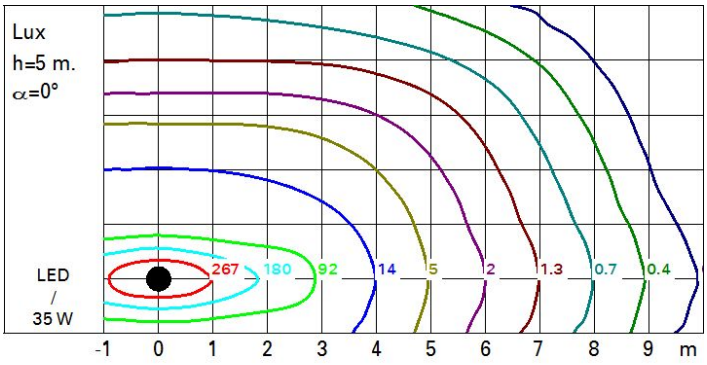
**Product characteristics**
Total lighting output [Lm]: 2428
Total power [W]: 35
Luminous efficacy [Lm/W]: 69.4
Life Time: 74,000h - L80 - B10 (Ta 25°C)
Ambient temperature range: from -20°C to +35°C. (*)
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Life Time: 74,000h - L80 - B10 (Ta 40°C)
Number of optical assemblies: 1

* Preliminary data

**Optical assembly Characteristics Type 1**
Light Output Ratio (L.O.R.) [%]: 69
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 31
Nominal luminous [Lm]: 3520
Lamp maximum intensity [cd]: /
Beam angle [°]: 58° / 12°
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 4
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 3

**Polar**




| Lux | | | | |
|---|---|---|---|---|
| h | d1 | d2 | Em | Emax |
| 8 | 8.9 | 1.7 | 98 | 139 |
| 16 | 17.7 | 3.4 | 24 | 35 |
| 24 | 26.6 | 5 | 11 | 15 |
| 32 | 35.5 | 6.7 | 6 | 9 |

**Isolux**