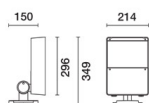


Last information update: May 2018



## Platea Pro

### Product code

P831

### Technical description

Flood optic outdoor luminaire, designed to use WNC (White 2700K, 4000K, 6000K) LED lamps and DMX512-RDM control. 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 multi-LED power plate with individual white 2700K, 4000K and 6000K LEDs (WNC). Extractable control gear connected with quick-coupling connectors. 220-240V ac 50/60Hz 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)

5.35

### 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 (1.5mm<sup>2</sup> 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



### Product configuration: P831

#### Product characteristics

Total lighting output [Lm]: 1267.4  
 Total power [W]: 17.9  
 Luminous efficacy [Lm/W]: 70.8  
 Life Time: 100,000h - 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]: 230  
 Life Time: 100,000h - L80 - B10 (Ta 40°C)  
 Number of optical assemblies: 1

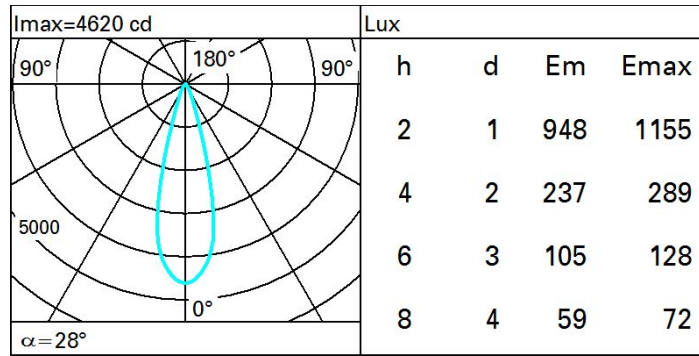
\* Preliminary data

#### Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 77  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 12  
 Nominal luminous [Lm]: 1650  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: 28°

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 5.9  
 Colour temperature [K]: /  
 CRI: /  
 Wavelength [Nm]: /  
 MacAdam Step: /

**Polar**



**Isolux**

