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**Product configuration: P814** 

P814: Platea Pro



Product code

P814: Platea Pro

## 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  $\pm 30^{\circ}$  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)

8.55



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 nickelplated 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



Technical data













Control:







Im system: 4967 W system: 55.4 7200 Im source: W source: 51 Luminous efficiency (lm/W, 89.6 real value): Im in emergency mode: Total light flux at or above 0 an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 69 [%]: 58° / 12° Beam angle [°]: CRI (minimum): 80 Colour temperature [K]: 4000 MacAdam Step: 3

Life Time LED 2: 87,000h - L80 - B10 (Ta 40°C) Lamp code: LED Number of lamps for optical assembly: ZVEI Code: LED Number of optical assemblies from -30°C to 50°C. Intervallo temperatura ambiente: Power factor: See installation instructions Inrush current: 62 A / 202 μs Maximum number of B10A: 6 luminaires luminaires of this type per miniature circuit breaker: B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires Minimum dimming %: 10kV Common mode & 6kV Overvoltage protection: Differential mode

DALI-2

## Polar

Life Time LED 1:

Imax=18252 cd	C0-180 Lux				
90°	90° h	d1	d2	Em	Emax
	10	11.1	2.1	128	183
	20	22.2	4.2	32	46
20000	30	33.3	6.3	14	20
α=58° / 12°	40	44.3	8.4	8	11

100,000h - L80 - B10 (Ta 25°C)

