Last information update: April 2024

Product configuration: P802

P802: Platea Pro



Product code P802: 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 solts 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.

Weight (Kg)

5.32

Installation

The luminaire can be installed at ground level or on walls using the standard base.

ColourWhite (01) | Black (04) | Grey (15) | Rust Brown (F5)

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 .

Control:

Technical data	
Im system:	2828
W system:	34.7
Im source:	4100
W source:	31
Luminous efficiency (lm/W, real value):	81.5
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	69
Beam angle [°]:	58° / 12°
CRI (minimum):	80
Colour temperature [K]:	4000
MacAdam Step:	3
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)

Life Time LED 2: 74,000h - 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: 31 A / 186 μs Maximum number of B10A: 18 luminaires luminaires of this type per B16A: 30 luminaires miniature circuit breaker: C10A: 31 luminaires C16A: 51 luminaires Minimum dimming %: 10kV Common mode & 6kV Overvoltage protection: Differential mode

DALI-2

Polar

Imax=10393 cd	C0-180 Lux				
90° 180°	90° h	d1	d2	Em	Emax
	// 8	8.9	1.7	114	162
	// 16	17.7	3.4	28	41
10000	24	26.6	5	13	18
α=58° / 12°	32	35.5	6.7	7	10

