

## Platea Pro

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### Product configuration: P815

P815: Platea Pro



### Product code

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### 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 ±30° adjustment. High visual comfort. Polymer optic lenses offering high yield and even light distribution. Complete with circuit fitted with Warm 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

### 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 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

Im system:	4449	Life Time LED 2:	87,000h - L80 - B10 (Ta 40°C)
W system:	55.4	Lamp code:	LED
Im source:	6450	Number of lamps for optical assembly:	1
W source:	51	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	80.3	Number of optical assemblies:	1
Im in emergency mode:	-	Intervalllo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	69	Inrush current:	62 A / 202 µs
Beam angle [°]:	58° / 12°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
CRI (minimum):	80	Minimum dimming %:	10
Colour temperature [K]:	3000	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	3	Control:	DALI-2
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		

### Polar

Imax=16351 cd C0-180		Lux				
90°	180°	90°	h	d1	d2	Em Emax
			8	8.9	1.7	179 255
			16	17.7	3.4	45 64
			24	26.6	5	20 28
			32	35.5	6.7	11 16
$\alpha = 58^\circ / 12^\circ$						

# Isolux

