Last information update: October 2025

**Product configuration: P824** 

P824: Platea Pro



Product code

# P824: 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 ±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.

 Colour
 Weight (Kg)

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

IK08 IP66









Control:





Im system: 7381 W system: 82.7 10700 Im source: W source: 76 Luminous efficiency (lm/W, 89.2 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: 76,000h - L80 - B10 (Ta 40°C) Lamp code: 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: 70 A / - μs Maximum number of B10A: 6 luminaires luminaires of this type per B16A: 11 luminaires miniature circuit breaker: C10A: 11 luminaires C16A: 18 luminaires Minimum dimming %: 10kV Common mode & 6kV Overvoltage protection:

Differential mode

DALI-2

## Polar

Life Time LED 1:

Imax=27124 cd C0-180	Lux				
90° 180° 90°	h	d1	d2	Em	Emax
	12	13.3	2.5	132	188
	24	26.6	5	33	47
28000	36	39.9	7.6	15	21
α=58° / 12°	48	53.2	10.1	8	12

100,000h - L80 - B10 (Ta 25°C)

