**Platea Pro**

| | |
|---|---|
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Last information update: April 2024

**Product configuration: P816**
P816: Platea Pro

**Product code**
P816: Platea Pro

**Technical description**
Outdoor luminaire with a Wall Washer 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 .
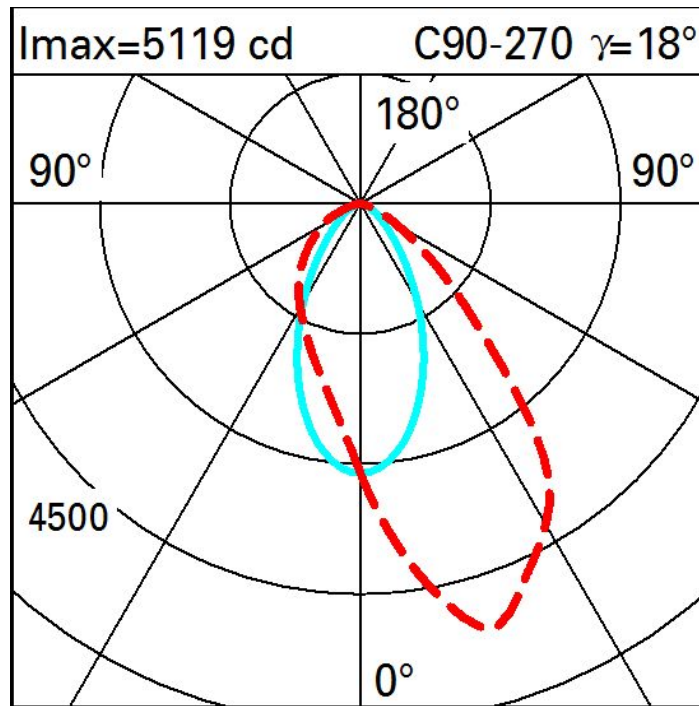
Complies with EN60598-1 and pertinent regulations

IK08    IP66    CE

**Technical data**

| | | | |
|---|---|---|---|
| lm system: | 4751 | Life Time LED 2: | 87,000h - L80 - B10 (Ta 40°C) |
| W system: | 55.4 | Lamp code: | LED |
| lm source: | 7200 | Number of lamps for optical assembly: | 1 |
| W source: | 51 | | |
| Luminous efficiency (lm/W, real value): | 85.8 | ZVEI Code: | LED |
| lm in emergency mode: | - | Number of optical assemblies: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Intervallo temperatura ambiente: | from -30°C to 50°C. |
| Light Output Ratio (L.O.R.) [%]: | 66 | Power factor: | See installation instructions |
| | | Inrush current: | 62 A / 202 µs |
| CRI (minimum): | 80 | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires |
| Colour temperature [K]: | 4000 | | |
| MacAdam Step: | 3 | | |
| Life Time LED 1: | 100,000h - L80 - B10 (Ta 25°C) | | |
| | | Minimum dimming %: | 10 |
| | | Overvoltage protection: | 10kV Common mode & 6kV Differential mode |
| | | Control: | DALI-2 |

**Polar**

Imax=5119 cd    C90-270 γ=18°

180°

90°                    90°

4500

0°

**Illuminances**

| Lux | | | | | | | | | | Wall distance = 1m |
|---|---|---|---|---|---|---|---|---|---|---|

| m | -2 | | -1 | | 0 | | 1 | | 2 | 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 1 | 5 | 24 | 97 | 186 | 97 | 24 | 5 | 1 | 0.2 |
| 3 | 8 | 25 | 91 | 303 | 623 | 303 | 91 | 25 | 8 | 3 |
| 6 | 16 | 46 | 151 | 435 | 683 | 435 | 151 | 46 | 16 | 6 |
| 10 | 22 | 56 | 151 | 318 | 426 | 318 | 151 | 56 | 22 | 10 |
| 12 | 27 | 61 | 128 | 213 | 262 | 213 | 128 | 61 | 27 | 12 |