

## Platea Pro

Design Jean-Michel  
Wilmotte

iGuzzini

Last information update: December 2024

### Product configuration: ED65

ED65: Platea Pro



### Product code

ED65: Platea Pro

### Technical description

Flood optic outdoor luminaire, designed to use WNC (White 2700K, 4000K, 6000K) LED lamps and DMX512-RDM control. 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 multi-LED power plate with individual white 2700K, 4000K and 6000K LEDs (WNC). Extractable control gear connected with quick-coupling connectors. 220-240V ac 50/60Hz 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 14mm  $\varnothing$  (1.5mm<sup>2</sup> cross section). Push in terminal board.

Complies with EN60598-1 and pertinent regulations



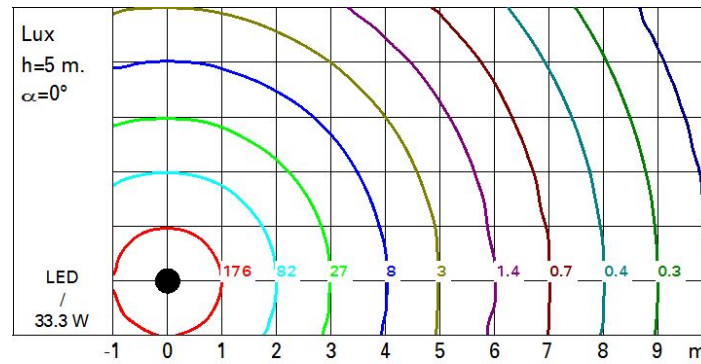
### Technical data

|  |                                |   |                                |
|--|--------------------------------|---|--------------------------------|
| lm system:   | 3227                           | Life Time LED 2:                        | 100,000h - L80 - B10 (Ta 40°C) |
| W system:  | 33.3                           | Voltage [Vin]:                          | 230                            |
| lm source:   | 4250                           | Lamp code:                              | LED                            |
| W source:  | 27                             | Number of lamps for optical 1 assembly: |                                |
| Luminous efficiency (lm/W, real value):            | 96.9                           | 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.) [%]:                   | 76                             | Power factor:                           | See installation instructions  |
| Beam angle [°]:                                    | 46°                            | Inrush current:                         | 40 A / - $\mu$ s               |
| Colour temperature [K]:                            | Tunable white 3000 - 5700      | Control:                                | DMX-RDM                        |
| Life Time LED 1:                                   | 100,000h - L80 - B10 (Ta 25°C) |   |                                |

### Polar

| Imax=4850 cd        |      | Lux |      |     |      |
|---------------------|------|-----|------|-----|------|
| 90°                 | 180° | h   | d    | Em  | Emax |
|                     |      | 4   | 3.4  | 243 | 303  |
|                     |      | 8   | 6.8  | 61  | 76   |
|                     |      | 12  | 10.2 | 27  | 34   |
|                     |      | 16  | 13.6 | 15  | 19   |
| $\alpha = 46^\circ$ |      |     |      |     |      |

### Isolux



### UGR diagram

| Corrected UGR values (at 4250 lm bare lamp luminous flux) |     |                  |            |      |      |      |                |      |      |      |      |
|---|-----|------------------|------------|------|------|------|----------------|------|------|------|------|
| Reflect.:   |     | viewed crosswise |            |      |      |      | viewed endwise |      |      |      |      |
| ceiling   |     | 0.70             | 0.70       | 0.50 | 0.50 | 0.30 | 0.70           | 0.70 | 0.50 | 0.50 | 0.30 |
| walls   |     | 0.50             | 0.30       | 0.50 | 0.30 | 0.30 | 0.50           | 0.30 | 0.50 | 0.30 | 0.30 |
| work pl.  |     | 0.20             | 0.20       | 0.20 | 0.20 | 0.20 | 0.20           | 0.20 | 0.20 | 0.20 | 0.20 |
| Room dim  |     | viewed crosswise |            |      |      |      | viewed endwise |      |      |      |      |
| x   | y   |                  |            |      |      |      |                |      |      |      |      |
| 2H  | 2H  | 14.9             | 15.5       | 15.2 | 15.8 | 16.0 | 14.9           | 15.5 | 15.2 | 15.8 | 16.0 |
|   | 3H  | 15.0             | 15.6       | 15.3 | 15.8 | 16.1 | 14.9           | 15.5 | 15.2 | 15.8 | 16.0 |
|   | 4H  | 15.0             | 15.5       | 15.3 | 15.8 | 16.1 | 14.9           | 15.4 | 15.2 | 15.7 | 16.0 |
|   | 6H  | 14.9             | 15.4       | 15.3 | 15.7 | 16.0 | 14.8           | 15.3 | 15.2 | 15.6 | 16.0 |
|   | 8H  | 14.9             | 15.4       | 15.2 | 15.7 | 16.0 | 14.8           | 15.3 | 15.2 | 15.6 | 15.9 |
|   | 12H | 14.8             | 15.3       | 15.2 | 15.6 | 16.0 | 14.8           | 15.2 | 15.1 | 15.5 | 15.9 |
| 4H  | 2H  | 14.9             | 15.4       | 15.2 | 15.7 | 16.0 | 15.0           | 15.5 | 15.3 | 15.8 | 16.1 |
|   | 3H  | 15.0             | 15.5       | 15.4 | 15.8 | 16.2 | 15.0           | 15.5 | 15.4 | 15.8 | 16.2 |
|   | 4H  | 15.0             | 15.4       | 15.4 | 15.8 | 16.2 | 15.0           | 15.4 | 15.4 | 15.8 | 16.2 |
|   | 6H  | 15.0             | 15.3       | 15.4 | 15.7 | 16.1 | 15.0           | 15.3 | 15.4 | 15.7 | 16.1 |
|   | 8H  | 14.9             | 15.2       | 15.4 | 15.7 | 16.1 | 14.9           | 15.3 | 15.4 | 15.7 | 16.1 |
|   | 12H | 14.9             | 15.2       | 15.3 | 15.6 | 16.1 | 14.9           | 15.2 | 15.3 | 15.6 | 16.1 |
| 8H  | 4H  | 14.9             | 15.3       | 15.4 | 15.7 | 16.1 | 14.9           | 15.2 | 15.4 | 15.7 | 16.1 |
|   | 6H  | 14.9             | 15.1       | 15.3 | 15.6 | 16.1 | 14.9           | 15.1 | 15.3 | 15.6 | 16.1 |
|   | 8H  | 14.8             | 15.0       | 15.3 | 15.5 | 16.0 | 14.8           | 15.0 | 15.3 | 15.5 | 16.0 |
|   | 12H | 14.8             | 15.0       | 15.3 | 15.5 | 16.0 | 14.8           | 15.0 | 15.3 | 15.5 | 16.0 |
| 12H   | 4H  | 14.9             | 15.2       | 15.3 | 15.6 | 16.1 | 14.9           | 15.2 | 15.3 | 15.6 | 16.1 |
|   | 6H  | 14.8             | 15.0       | 15.3 | 15.5 | 16.0 | 14.8           | 15.0 | 15.3 | 15.5 | 16.0 |
|   | 8H  | 14.8             | 15.0       | 15.3 | 15.5 | 16.0 | 14.8           | 15.0 | 15.3 | 15.5 | 16.0 |
| Variations with the observer position at spacing:         |     |                  |            |      |      |      |                |      |      |      |      |
| S =   |     | 1.0H             | 2.8 / -2.8 |      |      |      | 2.8 / -2.8     |      |      |      |      |
|   |     | 1.5H             | 5.1 / -4.3 |      |      |      | 5.1 / -4.3     |      |      |      |      |
|   |     | 2.0H             | 7.0 / -5.5 |      |      |      | 7.0 / -5.5     |      |      |      |      |

## Platea Pro

Design Jean-Michel  
Wilmotte

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Last information update: December 2024

### Product configuration: P833

P833: Platea Pro



### Product code

P833: Platea Pro

### Technical description

Outdoor luminaire with a Flood optic, designed to use RGBW 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. Circuit complete with single chip RGBW (Red, Green, Blue and White) LEDs and a DMX512-RDM electronic control driver. 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)

8.6

### 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 .

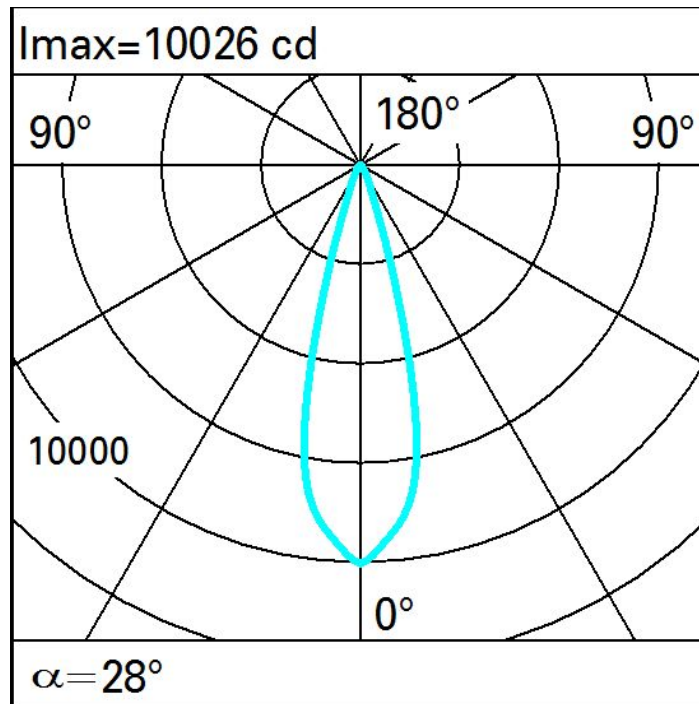
Complies with EN60598-1 and pertinent regulations



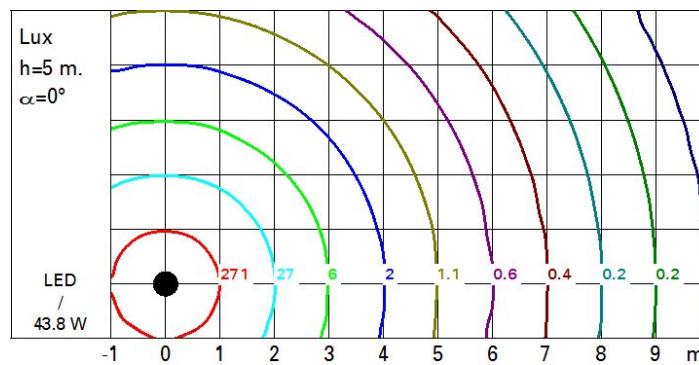
### Technical data

|  |              |                                       |                                |
|--|--------------|---------------------------------------|--------------------------------|
| lm system:   | 2477         | Life Time LED 1:                      | 100,000h - L80 - B10 (Ta 25°C) |
| W system:  | 43.8         | Voltage [Vin]:                        | 230                            |
| lm source:   | 3590         | Lamp code:                            | LED                            |
| W source:  | 37           | Number of lamps for optical assembly: | 1                              |
| Luminous efficiency (lm/W, real value):            | 56.5         | 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 35°C.            |
| Light Output Ratio (L.O.R.) [%]:                   | 69           | Power factor:                         | See installation instructions  |
| Beam angle [°]:                                    | 28°          | Inrush current:                       | 40 A / - µs                    |
| CRI (typical):                                     | 82           | Control:                              | DMX-RDM                        |
| Colour temperature [K]:                            | RGBW - 4000K |                                       |                                |

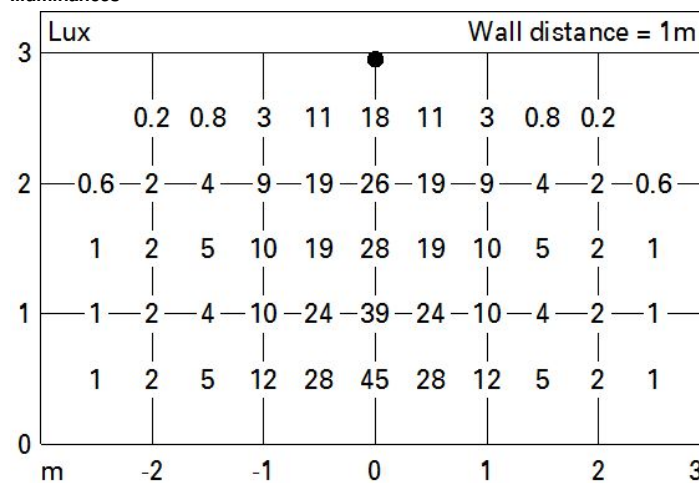
# Polar



# Isolux



# Illuminances



## Platea Pro

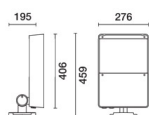
**Design Jean-Michel Wilmotte**

iGuzzini

Last information update: November 2024

**Product configuration: E803**

E803: Platea Pro

**Product code**

F803: Platea Pro

### Technical description

Outdoor luminaire with a SuperSpot 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**

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 (1.5mm<sup>2</sup> cross section). Push in terminal board.

## Notes

Available accessories include: a refractor for elliptical light flow distribution, diffusing glass, visor, directional flaps, protective grille.

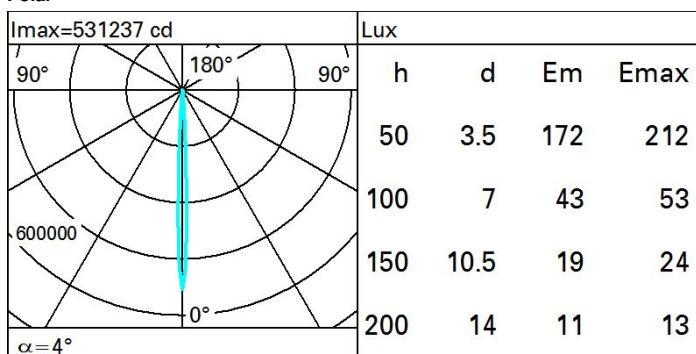
Complies with EN60598-1 and pertinent regulations



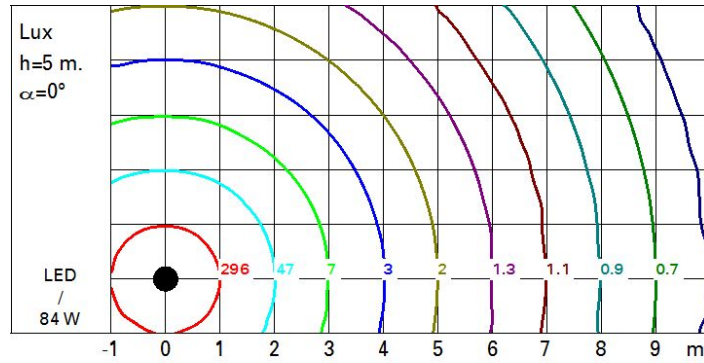
## Technical data

|  |                               |  |   |
|--|-------------------------------|--|---|
| Im system:   | 7449                          | Life Time LED 2:   | 60,000h - L80 - B10 (Ta 40°C)   |
| W system:  | 84                            | Lamp code:   | LED   |
| Im source:   | 9550                          | Number of lamps for optical assembly:                                    | 1   |
| W source:  | 77                            | ZVEI Code:   | LED   |
| Luminous efficiency (lm/W, real value):            | 88.7                          | Number of optical assemblies:  | 1   |
| Im in emergency mode:                              | -                             | Intervallo 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.) [%]:                   | 78                            | Inrush current:  | 70 A / - µs   |
| Beam angle [°]:                                    | 4°                            | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 6 luminaires<br>B16A: 11 luminaires<br>C10A: 11 luminaires<br>C16A: 18 luminaires |
| CRI (minimum):                                     | 80                            |  |   |
| Colour temperature [K]:                            | 4000                          |  |   |
| MacAdam Step:                                      | 2                             |  |   |
| Life Time LED 1:                                   | 60,000h - L80 - B10 (Ta 25°C) | Minimum dimming %:   | 10  |
|  |                               | Overvoltage protection:  | 10kV Common mode & 6kV Differential mode  |
|  |                               | Control:   | DALI-2  |

## Polar



### Isolux



### UGR diagram

| Corrected UGR values (at 9550 lm bare lamp luminous flux)        |     |                     |            |      |            |      |                   |      |      |      |      |  |
|--|-----|---------------------|------------|------|------------|------|-------------------|------|------|------|------|--|
| Reflect.:<br>ceiling/cav<br>walls<br>work pl.<br>Room dim<br>x y |     | 0.70                | 0.70       | 0.50 | 0.50       | 0.30 | 0.70              | 0.70 | 0.50 | 0.50 | 0.30 |  |
|  |     | 0.50                | 0.30       | 0.50 | 0.30       | 0.30 | 0.50              | 0.30 | 0.50 | 0.30 | 0.30 |  |
|  |     | 0.20                | 0.20       | 0.20 | 0.20       | 0.20 | 0.20              | 0.20 | 0.20 | 0.20 | 0.20 |  |
|  |     | viewed<br>crosswise |            |      |            |      | viewed<br>endwise |      |      |      |      |  |
| 2H   | 2H  | 11.2                | 13.2       | 11.5 | 13.5       | 13.8 | 11.2              | 13.2 | 11.5 | 13.5 | 13.8 |  |
|  | 3H  | 11.6                | 12.8       | 12.0 | 13.1       | 13.4 | 11.7              | 12.9 | 12.1 | 13.2 | 13.5 |  |
|  | 4H  | 11.7                | 12.5       | 12.0 | 12.8       | 13.1 | 11.8              | 12.6 | 12.2 | 12.9 | 13.3 |  |
|  | 6H  | 11.7                | 12.2       | 12.0 | 12.5       | 12.8 | 11.8              | 12.3 | 12.2 | 12.7 | 13.0 |  |
|  | 8H  | 11.6                | 12.2       | 12.0 | 12.6       | 12.9 | 11.7              | 12.4 | 12.1 | 12.7 | 13.1 |  |
|  | 12H | 11.5                | 12.3       | 11.9 | 12.7       | 13.0 | 11.6              | 12.5 | 12.0 | 12.8 | 13.2 |  |
| 4H   | 2H  | 11.8                | 12.6       | 12.2 | 12.9       | 13.3 | 11.7              | 12.5 | 12.0 | 12.8 | 13.1 |  |
|  | 3H  | 12.2                | 13.0       | 12.6 | 13.4       | 13.7 | 12.1              | 12.9 | 12.5 | 13.3 | 13.7 |  |
|  | 4H  | 12.0                | 13.3       | 12.4 | 13.7       | 14.1 | 12.0              | 13.3 | 12.4 | 13.7 | 14.1 |  |
|  | 6H  | 11.7                | 13.5       | 12.2 | 14.0       | 14.5 | 11.7              | 13.6 | 12.2 | 14.0 | 14.5 |  |
|  | 8H  | 11.6                | 13.5       | 12.1 | 14.0       | 14.5 | 11.6              | 13.6 | 12.1 | 14.0 | 14.5 |  |
|  | 12H | 11.5                | 13.4       | 12.0 | 13.9       | 14.4 | 11.6              | 13.4 | 12.1 | 13.9 | 14.4 |  |
| 8H   | 4H  | 11.6                | 13.6       | 12.1 | 14.0       | 14.5 | 11.6              | 13.5 | 12.1 | 14.0 | 14.5 |  |
|  | 6H  | 11.6                | 13.2       | 12.1 | 13.7       | 14.2 | 11.6              | 13.2 | 12.1 | 13.7 | 14.2 |  |
|  | 8H  | 11.7                | 12.8       | 12.2 | 13.3       | 13.8 | 11.7              | 12.8 | 12.2 | 13.3 | 13.8 |  |
|  | 12H | 11.9                | 12.4       | 12.4 | 12.9       | 13.5 | 11.9              | 12.4 | 12.4 | 12.9 | 13.5 |  |
| 12H  | 4H  | 11.6                | 13.4       | 12.1 | 13.9       | 14.4 | 11.5              | 13.4 | 12.0 | 13.9 | 14.4 |  |
|  | 6H  | 11.7                | 12.8       | 12.2 | 13.3       | 13.8 | 11.7              | 12.8 | 12.2 | 13.3 | 13.8 |  |
|  | 8H  | 11.9                | 12.4       | 12.4 | 12.9       | 13.5 | 11.9              | 12.4 | 12.4 | 12.9 | 13.5 |  |
| Variations with the observer position at spacing:                |     |                     |            |      |            |      |                   |      |      |      |      |  |
| S =  |     | 1.0H                | 1.0 / -1.0 |      | 1.0 / -1.0 |      |                   |      |      |      |      |  |
|  |     | 1.5H                | 2.1 / -2.1 |      | 2.1 / -2.1 |      |                   |      |      |      |      |  |
|  |     | 2.0H                | 2.7 / -3.9 |      | 2.7 / -3.9 |      |                   |      |      |      |      |  |

## Platea Pro

Design Jean-Michel  
Wilmotte

iGuzzini

Last information update: December 2024

### Product configuration: P829

P829: Platea Pro



### Product code

P829: Platea Pro

### Technical description

Outdoor luminaire with a Flood optic, designed to use RGBW 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. Circuit complete with single chip RGBW (Red, Green, Blue and White) LEDs and a DMX512-RDM electronic control driver. 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)

5.35

### 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 .

Complies with EN60598-1 and pertinent regulations

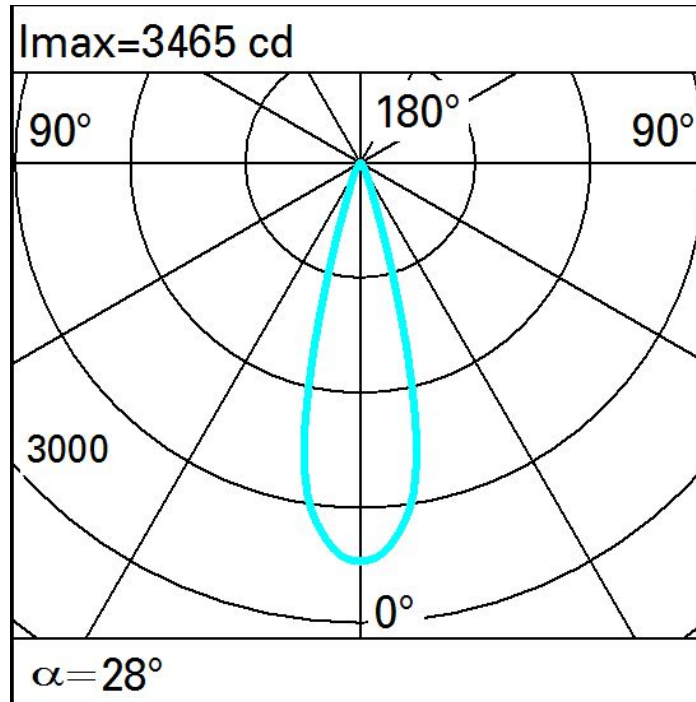


### Technical data

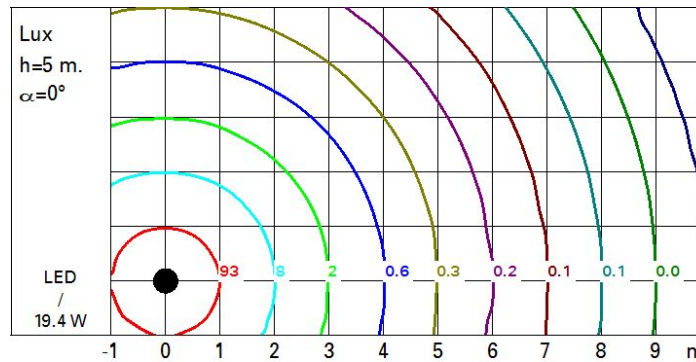
|  |              |                                       |                                |
|--|--------------|---------------------------------------|--------------------------------|
| Im system:   | 816          | Life Time LED 1:                      | 100,000h - L80 - B10 (Ta 25°C) |
| W system:  | 19.4         | Life Time LED 2:                      | 83,000h - L80 - B10 (Ta 40°C)  |
| Im source:   | 1200         | Voltage [Vin]:                        | 230                            |
| W source:  | 12           | Lamp code:                            | LED                            |
| Luminous efficiency (Im/W, real value):            | 42.1         | Number of lamps for optical assembly: | 1                              |
| Im in emergency mode:                              | -            | ZVEI Code:                            | LED                            |
| Total light flux at or above an angle of 90° [Lm]: | 0            | Number of optical assemblies:         | 1                              |
| Light Output Ratio (L.O.R.) [%]:                   | 68           | Intervallo temperatura ambiente:      | from -30°C to 50°C.            |
| Beam angle [°]:                                    | 28°          | Power factor:                         | See installation instructions  |
| CRI (typical):                                     | 82           | Control:                              | DMX-RDM                        |
| Colour temperature [K]:                            | RGBW - 4000K |                                       |                                |



# Polar



# Isolux



# Illuminances

