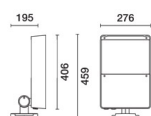


## Platea Pro

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iGuzzini

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### Platea Pro

#### Product code

BV97

#### Technical description

Outdoor luminaire with a Wide Flood optic, designed to use LED RGBW lamps. Consists 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. 5 mm thick colourless transparent tempered sodium-calcium closing glass. Product can be tilted on the vertical plane by +5°/-90° with a 10° step graduated scale and fitted with mechanical blocks that guarantee stable light beam aiming. Horizontal aiming can be adjusted using the slots on which the base is provided with a  $\pm 30^\circ$  adjustment option. High visual comfort. High yield, homogenous light distribution polymer optic lenses. Circuit complete with single chip RGBW LEDs (Red Green Blue and White LEDs) and a DMX512-RDM electronic check driver. Removable 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 on the wall or floor using a standard base. Ground-installed using an accessory stake.

#### Dimension (mm)

406x276

#### Colour

Grey (15)

#### Weight (Kg)

8.6

#### Mounting

wall arm|ground surface|wall surface

#### Wiring

Luminaire ready for pass-through wiring. Product perfect watertightness at the power cable entry point is guaranteed by 2 x M24x1,5 nickel-plated brass cable glands suitable for cables with a max external  $\varnothing 14\text{mm}$  (cross-section from 1.5mm<sup>2</sup>). Push in terminal board.

#### Notes

The following are available as accessories: refractor for elliptical light flow distribution, diffusing glass, visor, directional flaps, protective grille and spike for ground installation.

Complies with EN60598-1 and pertinent regulations



IK08

IP66



#### Product configuration: BV97

#### Product characteristics

Total lighting output [Lm]: 1873.3  
Total power [W]: 43.3  
Luminous efficacy [Lm/W]: 43.3  
Life Time: 84,000h - L80 - B10 (Ta 25°C)  
Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: 230  
Ambient temperature range: from -20°C to +35°C. (\*)

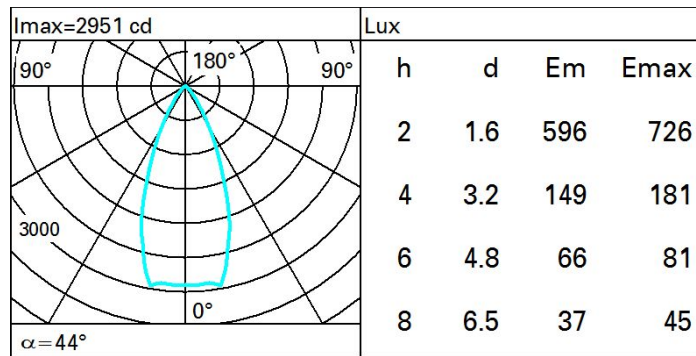
\* Preliminary data

#### Optical assembly Characteristics Type 1

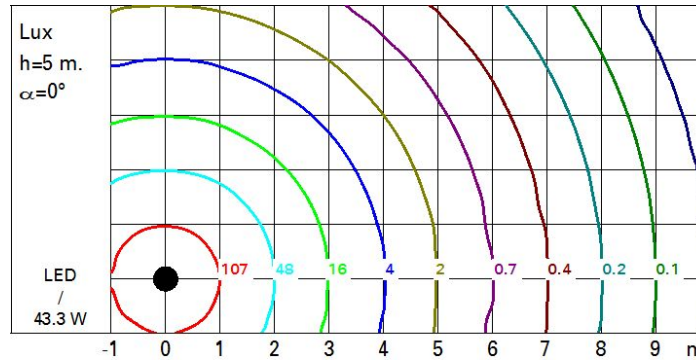
Light Output Ratio (L.O.R.) [%]: 75  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 35  
Nominal luminous [Lm]: 2500  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 44°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 8.3  
Colour temperature [K]: /  
CRI: /  
Wavelength [nm]: /  
MacAdam Step: /

# Polar



# Isolux



# UGR diagram

| Corrected UGR values (at 2500 lm bare lamp luminous flux)     |      |                     |      |      |      |      |                   |      |      |      |      |
|---|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Riflect.:<br>ceil/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   | 12.3                | 13.0 | 12.6 | 13.2 | 13.4 | 12.3              | 13.0 | 12.6 | 13.2 | 13.4 |
|   | 3H   | 12.4                | 13.0 | 12.7 | 13.2 | 13.5 | 12.3              | 12.9 | 12.6 | 13.2 | 13.4 |
|   | 4H   | 12.4                | 12.9 | 12.7 | 13.2 | 13.5 | 12.3              | 12.8 | 12.6 | 13.1 | 13.4 |
|   | 6H   | 12.3                | 12.8 | 12.7 | 13.1 | 13.4 | 12.2              | 12.7 | 12.6 | 13.0 | 13.4 |
|   | 8H   | 12.3                | 12.7 | 12.6 | 13.1 | 13.4 | 12.2              | 12.7 | 12.6 | 13.0 | 13.3 |
|   | 12H  | 12.2                | 12.7 | 12.6 | 13.0 | 13.4 | 12.2              | 12.6 | 12.5 | 12.9 | 13.3 |
| 4H  | 2H   | 12.3                | 12.8 | 12.6 | 13.1 | 13.4 | 12.4              | 12.9 | 12.7 | 13.2 | 13.5 |
|   | 3H   | 12.4                | 12.8 | 12.8 | 13.2 | 13.5 | 12.4              | 12.8 | 12.8 | 13.2 | 13.5 |
|   | 4H   | 12.4                | 12.8 | 12.8 | 13.1 | 13.5 | 12.4              | 12.8 | 12.8 | 13.1 | 13.5 |
|   | 6H   | 12.3                | 12.6 | 12.7 | 13.0 | 13.5 | 12.3              | 12.7 | 12.7 | 13.1 | 13.5 |
|   | 8H   | 12.3                | 12.6 | 12.7 | 13.0 | 13.4 | 12.3              | 12.6 | 12.7 | 13.0 | 13.4 |
|   | 12H  | 12.2                | 12.5 | 12.7 | 12.9 | 13.4 | 12.2              | 12.5 | 12.7 | 12.9 | 13.4 |
| 8H  | 4H   | 12.3                | 12.6 | 12.7 | 13.0 | 13.4 | 12.3              | 12.6 | 12.7 | 13.0 | 13.4 |
|   | 6H   | 12.2                | 12.5 | 12.7 | 12.9 | 13.4 | 12.2              | 12.5 | 12.7 | 12.9 | 13.4 |
|   | 8H   | 12.2                | 12.4 | 12.6 | 12.8 | 13.3 | 12.2              | 12.4 | 12.6 | 12.8 | 13.3 |
|   | 12H  | 12.1                | 12.3 | 12.6 | 12.8 | 13.3 | 12.1              | 12.3 | 12.6 | 12.8 | 13.3 |
| 12H   | 4H   | 12.2                | 12.5 | 12.7 | 12.9 | 13.4 | 12.2              | 12.5 | 12.7 | 12.9 | 13.4 |
|   | 6H   | 12.2                | 12.4 | 12.6 | 12.8 | 13.3 | 12.1              | 12.4 | 12.6 | 12.8 | 13.3 |
|   | 8H   | 12.1                | 12.3 | 12.6 | 12.8 | 13.3 | 12.1              | 12.3 | 12.6 | 12.8 | 13.3 |
| Variations with the observer position at spacing:             |      |                     |      |      |      |      |                   |      |      |      |      |
| S =   | 1.0H | 3.2 / -3.5          |      |      |      |      | 3.2 / -3.5        |      |      |      |      |
|   | 1.5H | 5.7 / -5.0          |      |      |      |      | 5.7 / -5.0        |      |      |      |      |
|   | 2.0H | 7.6 / -6.2          |      |      |      |      | 7.6 / -6.2        |      |      |      |      |