

## Platea Pro

Design Jean Michel Wilmotte

iGuzzini

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### Platea Pro class I

#### Product code

E913

#### Technical description

Outdoor luminaire with a Spot optic, designed to use LED 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° and is 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, homogeneous light distribution polymer optic lenses. Complete with circuit fitted with Neutral White monochrome LEDs. Removable control gear connected with quick-coupling connectors. 220-240V ac 50/60Hz electronic ballast. Insulation class I. 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)

8.55

#### Mounting

wall arm|ground surface|wall surface

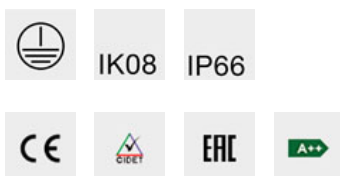
#### Wiring

Product perfect watertightness at the power cable entry point is guaranteed by a M24x1,5 nickel-plated brass cable gland suitable for cables with a max external  $\varnothing 14\text{mm}$  (cross-section from 1.5mm<sup>2</sup>). Screw 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



### Product configuration: E913

#### Product characteristics

Total lighting output [Lm]: 4712  
Total power [W]: 51  
Luminous efficacy [Lm/W]: 92.4  
Ambient temperature range: from -20°C to +35°C. (\*)

Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

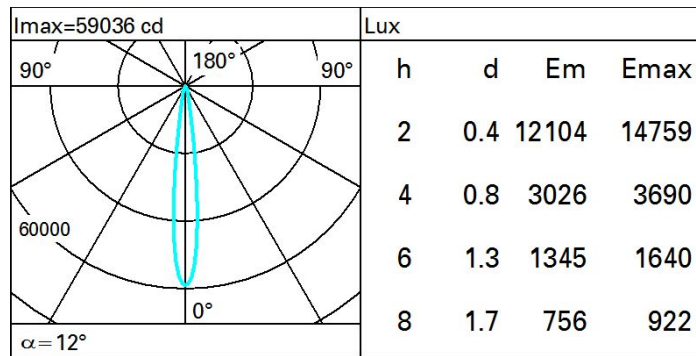
\* Preliminary data

#### Optical assembly Characteristics Type 1

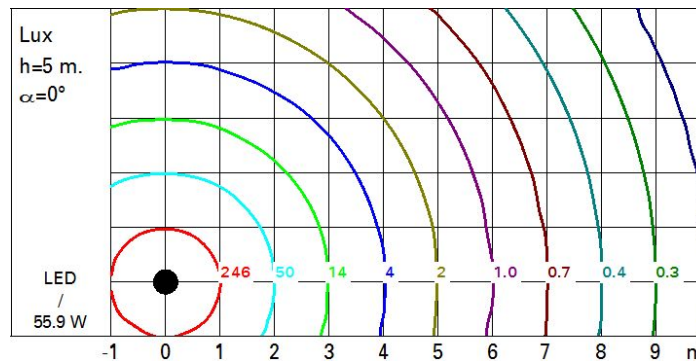
Light Output Ratio (L.O.R.) [%]: 76  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 51  
Nominal luminous [Lm]: 6200  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 12°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 0  
Colour temperature [K]: 4000  
CRI: 80  
Wavelength [Nm]: /  
MacAdam Step: 3

### Polar



### Isolux



### UGR diagram

Corrected UGR values (at 6200 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim 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 crosswise					viewed endwise				
2H	2H	10.1	12.0	10.4	12.3	12.6	10.1	12.0	10.4	12.3	12.6
	3H	10.6	11.8	10.9	12.1	12.5	10.4	11.6	10.7	11.9	12.2
	4H	10.6	11.6	11.0	11.9	12.2	10.4	11.4	10.8	11.7	12.0
	6H	10.6	11.3	11.0	11.7	12.0	10.4	11.2	10.8	11.5	11.8
	8H	10.6	11.4	10.9	11.7	12.1	10.4	11.2	10.7	11.5	11.9
	12H	10.5	11.4	10.9	11.7	12.1	10.3	11.2	10.7	11.6	11.9
4H	2H	10.4	11.4	10.8	11.7	12.0	10.6	11.6	11.0	11.9	12.2
	3H	10.9	11.8	11.3	12.2	12.6	10.9	11.8	11.3	12.2	12.6
	4H	10.8	12.0	11.3	12.4	12.9	10.8	12.0	11.3	12.4	12.9
	6H	10.6	12.3	11.1	12.7	13.2	10.6	12.3	11.1	12.8	13.2
	8H	10.5	12.3	11.0	12.8	13.3	10.5	12.3	11.0	12.8	13.3
	12H	10.4	12.2	10.9	12.7	13.2	10.4	12.3	10.9	12.7	13.2
8H	4H	10.5	12.3	11.0	12.8	13.3	10.5	12.3	11.0	12.8	13.3
	6H	10.5	12.1	11.0	12.5	13.1	10.5	12.1	11.0	12.5	13.1
	8H	10.5	11.8	11.0	12.3	12.8	10.5	11.8	11.0	12.3	12.8
	12H	10.7	11.4	11.2	11.9	12.4	10.7	11.4	11.2	11.9	12.4
12H	4H	10.4	12.3	10.9	12.7	13.2	10.4	12.2	10.9	12.7	13.2
	6H	10.5	11.8	11.0	12.3	12.8	10.5	11.8	11.0	12.2	12.8
	8H	10.7	11.4	11.2	11.9	12.4	10.7	11.4	11.2	11.9	12.4
Variations with the observer position at spacing:											
S =		1.0H	1.6 / -0.9				1.6 / -0.9				
		1.5H	3.1 / -1.8				3.1 / -1.8				
		2.0H	4.6 / -3.2				4.6 / -3.2				