Platea Pro

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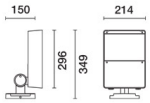


Platea Pro

Product code
P794

Technical description
Outdoor luminaire with a Spot 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 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 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. Spike accessory for ground installation.

Dimension (mm)
296x214

Colour
Grey (15)

Weight (Kg)
5.32

Mounting
wall arm|wall surface|ground anchored

Wiring
Product perfect watertightness at the power cable entry point is guaranteed by a nickel-plated brass M24x1.5 cable clamp, suitable for cables with a max external 14mm ø (1.5mm² cross section). Screw terminal board.

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

Complies with EN60598-1 and pertinent regulations

IK08 IP66

Product configuration: P794

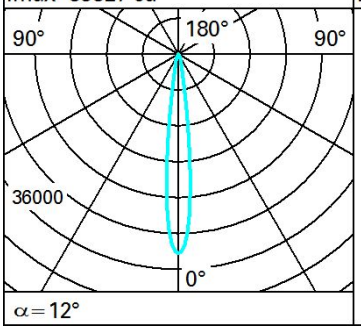
Product characteristics
Total lighting output [Lm]: 2660
Total power [W]: 34.8
Luminous efficacy [Lm/W]: 76.4
Life Time: 74,000h - L80 - B10 (Ta 25°C)
Number of optical assemblies: 1
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Ambient temperature range: from -20°C to +35°C. (*)

* Preliminary data

Optical assembly Characteristics Type 1
Light Output Ratio (L.O.R.) [%]: 76
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 30
Nominal luminous [Lm]: 3500
Lamp maximum intensity [cd]: /
Beam angle [°]: 12°
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 4.8
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 3

Polar

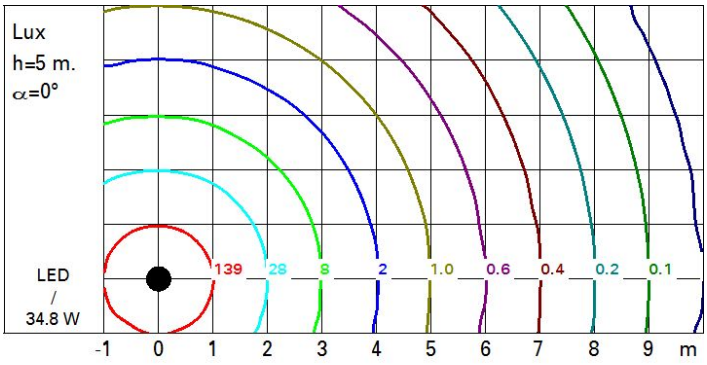
Imax=33327 cd



Lux

h	d	Em	Emax
2	0.4	6833	8332
4	0.8	1708	2083
6	1.3	759	926
8	1.7	427	521

Isolux



UGR diagram

Corrected UGR values (at 3500 lm bare lamp luminous flux)

Riflect.: ceil/cav		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	12.3	14.2	12.6	14.5	14.9	12.3	14.2	12.6	14.5	14.9
	3H	12.8	14.0	13.2	14.3	14.7	12.6	13.8	12.9	14.1	14.4
	4H	12.9	13.8	13.2	14.1	14.5	12.6	13.6	13.0	13.9	14.2
	6H	12.8	13.6	13.2	13.9	14.2	12.6	13.4	13.0	13.7	14.0
	8H	12.8	13.6	13.1	13.9	14.3	12.6	13.4	13.0	13.7	14.1
	12H	12.7	13.6	13.1	14.0	14.3	12.5	13.4	12.9	13.8	14.1
4H	2H	12.6	13.6	13.0	13.9	14.2	12.9	13.8	13.2	14.1	14.5
	3H	13.1	14.1	13.5	14.4	14.8	13.1	14.0	13.5	14.4	14.8
	4H	13.0	14.2	13.5	14.6	15.1	13.0	14.2	13.5	14.6	15.1
	6H	12.8	14.5	13.3	14.9	15.4	12.8	14.5	13.3	15.0	15.4
	8H	12.7	14.5	13.2	15.0	15.5	12.7	14.5	13.2	15.0	15.5
	12H	12.6	14.4	13.1	14.9	15.4	12.6	14.5	13.1	14.9	15.5
8H	4H	12.7	14.5	13.2	15.0	15.5	12.7	14.5	13.2	15.0	15.5
	6H	12.7	14.3	13.2	14.7	15.3	12.7	14.3	13.2	14.7	15.3
	8H	12.7	14.0	13.3	14.5	15.0	12.7	14.0	13.3	14.5	15.0
	12H	12.9	13.6	13.4	14.1	14.6	12.9	13.6	13.4	14.1	14.6
12H	4H	12.6	14.5	13.1	14.9	15.5	12.6	14.4	13.1	14.9	15.4
	6H	12.7	14.0	13.2	14.5	15.0	12.7	14.0	13.2	14.4	15.0
	8H	12.9	13.6	13.4	14.1	14.6	12.9	13.6	13.4	14.1	14.6

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