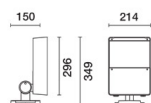


Last information update: May 2018



Platea Pro

Product code
P795

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 Warm 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



Product configuration: P795

Product characteristics

Total lighting output [Lm]: 2432
Total power [W]: 34.8
Luminous efficacy [Lm/W]: 69.9
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. (*)

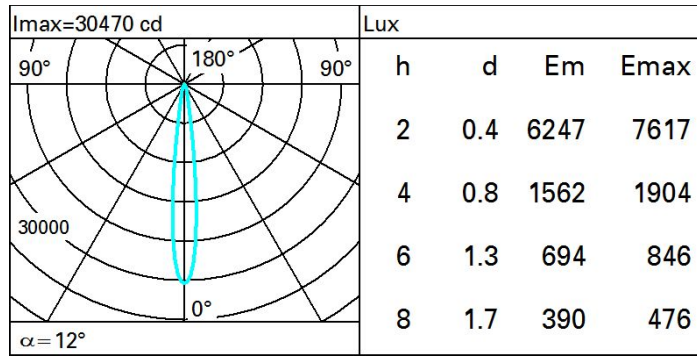
* Preliminary data

Optical assembly Characteristics Type 1

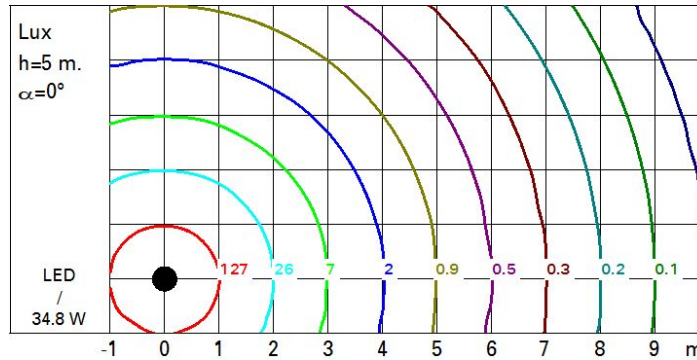
Light Output Ratio (L.O.R.) [%]: 76
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 30
Nominal luminous [Lm]: 3200
Lamp maximum intensity [cd]: /
Beam angle [°]: 12°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 4.8
Colour temperature [K]: 3000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Isolux



UGR diagram

Corrected UGR values (at 3200 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	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											
x	y										
2H	2H	12.0	13.9	12.3	14.2	14.5	12.0	13.9	12.3	14.2	14.5
	3H	12.5	13.7	12.8	14.0	14.4	12.3	13.5	12.6	13.8	14.1
	4H	12.5	13.5	12.9	13.8	14.1	12.3	13.3	12.7	13.6	13.9
	6H	12.5	13.2	12.9	13.6	13.9	12.3	13.0	12.7	13.4	13.7
	8H	12.5	13.3	12.8	13.6	14.0	12.3	13.1	12.6	13.4	13.8
	12H	12.4	13.3	12.8	13.6	14.0	12.2	13.1	12.6	13.5	13.8
4H	2H	12.3	13.3	12.7	13.6	13.9	12.5	13.5	12.9	13.8	14.1
	3H	12.8	13.7	13.2	14.1	14.5	12.8	13.7	13.2	14.1	14.4
	4H	12.7	13.9	13.2	14.3	14.8	12.7	13.9	13.2	14.3	14.8
	6H	12.5	14.2	13.0	14.6	15.1	12.5	14.2	13.0	14.6	15.1
	8H	12.4	14.2	12.9	14.7	15.2	12.4	14.2	12.9	14.7	15.2
	12H	12.3	14.1	12.8	14.6	15.1	12.3	14.2	12.8	14.6	15.1
8H	4H	12.4	14.2	12.9	14.7	15.2	12.4	14.2	12.9	14.7	15.2
	6H	12.4	14.0	12.9	14.4	15.0	12.4	13.9	12.9	14.4	14.9
	8H	12.4	13.7	12.9	14.1	14.7	12.4	13.7	12.9	14.1	14.7
	12H	12.6	13.3	13.1	13.8	14.3	12.6	13.3	13.1	13.8	14.3
12H	4H	12.3	14.2	12.8	14.6	15.1	12.3	14.1	12.8	14.6	15.1
	6H	12.4	13.7	12.9	14.1	14.7	12.4	13.7	12.9	14.1	14.7
	8H	12.6	13.3	13.1	13.8	14.3	12.6	13.3	13.1	13.8	14.3
Variations with the observer position at spacing:											
S =		1.0H					1.6 / -0.9				
		1.5H					3.1 / -1.8				
		2.0H					4.6 / -3.2				