Platea Pro

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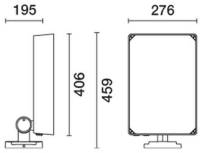


Platea Pro

Product code
E805

Technical description
Outdoor luminaire with a SuperSpot optic, designed to use LED lamps. Made up of an optical assembly, base and all glass finish with black serigraphy to add extra style 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. Spike accessory for ground installation.

Dimension (mm)
406x276

Colour
Grey (15)

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 (1.5mm² cross section). Push in terminal board.

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

Complies with EN60598-1 and pertinent regulations

IK08 IP66

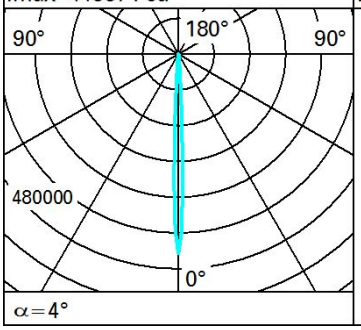
Product configuration: E805

Product characteristics
Total lighting output [Lm]: 6248
Total power [W]: 84
Luminous efficacy [Lm/W]: 74.4
Life Time: 74,000h - L80 - B10 (Ta 25°C)
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]: -
Life Time: 60,000h - L80 - B10 (Ta 40°C)
Number of optical assemblies: 1

* Preliminary data

Optical assembly Characteristics Type 1
Light Output Ratio (L.O.R.) [%]: 78
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 76
Nominal luminous [Lm]: 8010
Lamp maximum intensity [cd]: /
Beam angle [°]: 4°
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 8
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 3

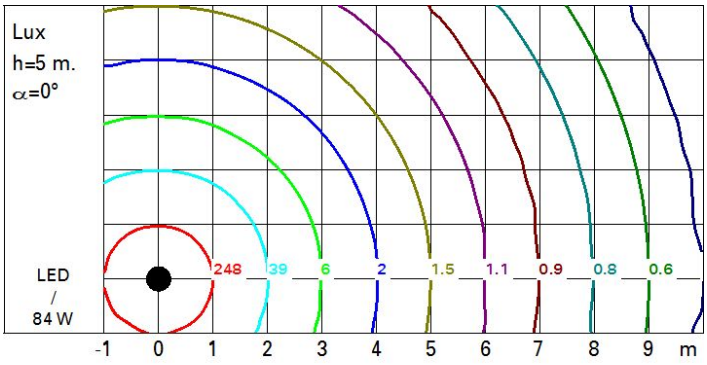
Polar



Lux

h	d	Em	Emax
2	0.1	89995	111393
4	0.3	22499	27848
6	0.4	9999	12377
8	0.6	5625	6962

Isolux



UGR diagram

Corrected UGR values (at 8010 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 x	y			viewed crosswise					viewed endwise		
2H	2H	10.6	12.5	10.9	12.9	13.2	10.6	12.5	10.9	12.9	13.2
	3H	11.0	12.2	11.4	12.5	12.8	11.1	12.3	11.5	12.6	12.9
	4H	11.1	11.9	11.4	12.2	12.5	11.2	12.0	11.6	12.3	12.6
	6H	11.1	11.6	11.4	11.9	12.2	11.2	11.7	11.6	12.0	12.4
	8H	11.0	11.6	11.3	12.0	12.3	11.1	11.8	11.5	12.1	12.5
	12H	10.9	11.7	11.3	12.1	12.4	11.0	11.9	11.4	12.2	12.6
4H	2H	11.2	12.0	11.6	12.3	12.6	11.1	11.9	11.4	12.2	12.5
	3H	11.5	12.4	11.9	12.7	13.1	11.5	12.3	11.9	12.7	13.0
	4H	11.4	12.7	11.8	13.1	13.5	11.4	12.7	11.8	13.1	13.5
	6H	11.1	12.9	11.6	13.4	13.8	11.1	12.9	11.6	13.4	13.9
	8H	11.0	12.9	11.5	13.4	13.9	11.0	12.9	11.5	13.4	13.9
	12H	10.9	12.8	11.4	13.3	13.8	10.9	12.8	11.5	13.3	13.8
8H	4H	11.0	12.9	11.5	13.4	13.9	11.0	12.9	11.5	13.4	13.9
	6H	11.0	12.6	11.5	13.1	13.6	11.0	12.6	11.5	13.0	13.6
	8H	11.1	12.2	11.6	12.7	13.2	11.1	12.2	11.6	12.7	13.2
	12H	11.3	11.8	11.8	12.3	12.8	11.3	11.8	11.8	12.3	12.8
12H	4H	10.9	12.8	11.5	13.3	13.8	10.9	12.8	11.4	13.3	13.8
	6H	11.1	12.2	11.6	12.7	13.2	11.1	12.2	11.6	12.7	13.2
	8H	11.3	11.8	11.8	12.3	12.8	11.3	11.8	11.8	12.3	12.8

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