Platea Pro

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Last information update: May 2024

Product configuration: E915
E915: Platea Pro class I

Product code
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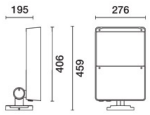
Technical description
Outdoor luminaire with a Spot optic, designed to use LED lamps. Consists of an optical assembly with a base and an aluminium alloy frame. The painting stage consists of a primer and a liquid acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. 5 mm 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 ±30° 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.



Colour
White (01) | Black (04) | Rust Brown (F5) | 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 ø14mm (cross-section from 1.5mm²). Screw terminal board.

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

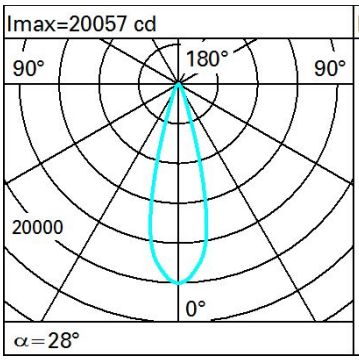
Complies with EN60598-1 and pertinent regulations

IK08 IP66

Technical data

lm system:	5438	Colour temperature [K]:	4000
W system:	55.9	MacAdam Step:	3
lm source:	7250	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W source:	51	Lamp code:	LED
Luminous efficiency (lm/W, real value):	97.3	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	75	Intervallo temperatura ambiente:	from -30°C to 35°C.
Beam angle [°]:	28°	Control:	On/off - Classe I
CRI (minimum):	80		

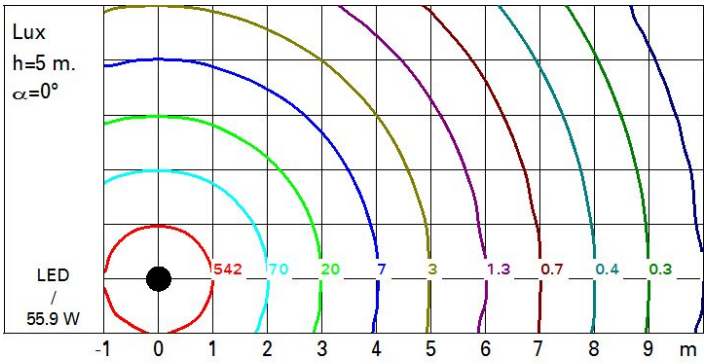
Polar



Lux

h	d	Em	Emax
10	5	164	201
20	10	41	50
30	15	18	22
40	19.9	10	13

Isolux



UGR diagram

Corrected UGR values (at 7250 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	11.9	13.8	12.2	14.1	14.5	11.9	13.8	12.2	14.1	14.5
	3H	12.2	13.7	12.6	14.0	14.4	12.0	13.5	12.4	13.8	14.1
	4H	12.3	13.5	12.6	13.8	14.2	12.0	13.3	12.4	13.6	14.0
	6H	12.3	13.3	12.6	13.6	13.9	12.0	13.0	12.4	13.4	13.7
	8H	12.2	13.2	12.6	13.5	13.9	12.0	13.0	12.4	13.3	13.7
	12H	12.2	13.1	12.6	13.5	13.9	11.9	12.9	12.3	13.3	13.6
4H	2H	12.0	13.3	12.4	13.6	14.0	12.3	13.5	12.6	13.8	14.2
	3H	12.5	13.5	12.9	13.8	14.2	12.5	13.5	12.9	13.8	14.2
	4H	12.5	13.4	12.9	13.8	14.2	12.5	13.4	12.9	13.8	14.2
	6H	12.2	13.8	12.7	14.2	14.7	12.2	13.8	12.7	14.2	14.7
	8H	12.1	13.8	12.6	14.3	14.8	12.1	13.9	12.6	14.3	14.8
	12H	12.0	13.8	12.5	14.3	14.8	12.0	13.8	12.5	14.3	14.8
8H	4H	12.1	13.9	12.6	14.3	14.8	12.1	13.8	12.6	14.3	14.8
	6H	12.0	13.7	12.6	14.2	14.7	12.0	13.7	12.5	14.2	14.7
	8H	12.0	13.5	12.5	14.0	14.5	12.0	13.5	12.5	14.0	14.5
	12H	12.1	13.2	12.6	13.7	14.2	12.1	13.2	12.6	13.7	14.2
12H	4H	12.0	13.8	12.5	14.3	14.8	12.0	13.8	12.5	14.3	14.8
	6H	12.0	13.5	12.5	14.0	14.5	12.0	13.5	12.5	14.0	14.5
	8H	12.1	13.2	12.6	13.7	14.2	12.1	13.2	12.6	13.7	14.2

Variations with the observer position at spacing:

S =			
1.0H	2.0 / -1.7	2.0 / -1.7
1.5H	3.9 / -2.6	3.9 / -2.6
2.0H	5.7 / -3.5	5.7 / -3.5