

Platea Pro

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Product configuration: E914

E914: Platea Pro class I



Product code

E914: Platea Pro class I **Attention! Code no longer in production**

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 Warm 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.

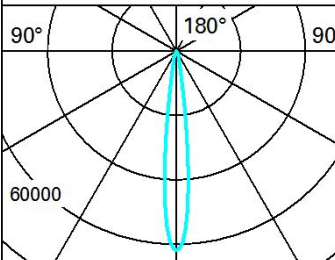
Complies with EN60598-1 and pertinent regulations



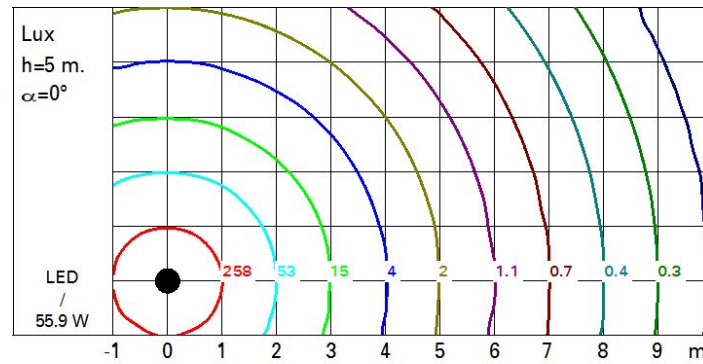
Technical data

Im system:	4940	Colour temperature [K]:	3000
W system:	55.9	MacAdam Step:	3
Im source:	6500	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W source:	51	Lamp code:	LED
Luminous efficiency (Im/W, real value):	88.4	Number of lamps for optical assembly:	1
Im 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.) [%]:	76	Intervalllo temperatura ambiente:	from -30°C to 35°C.
Beam angle [°]:	12°	Control:	On/off - Classe I
CRI (minimum):	80		

Polar

Imax=61892 cd		Lux			
90°	180°	h	d	Em	Emax
		20	4.2	127	155
		40	8.4	32	39
		60	12.6	14	17
		80	16.8	8	10
α = 12°					

Isolux



UGR diagram

Corrected UGR values (at 6500 lm bare lamp luminous flux)												
Reflect.:		viewed crosswise					viewed endwise					
ceiling		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	10.2	12.2	10.6	12.5	12.8	10.2	12.2	10.6	12.5	12.8	
	3H	10.8	12.0	11.1	12.3	12.6	10.5	11.8	10.9	12.1	12.4	
	4H	10.8	11.8	11.2	12.1	12.4	10.6	11.6	11.0	11.9	12.2	
	6H	10.8	11.5	11.2	11.8	12.2	10.6	11.3	11.0	11.6	12.0	
	8H	10.7	11.5	11.1	11.9	12.2	10.5	11.3	10.9	11.7	12.0	
	12H	10.6	11.6	11.0	11.9	12.3	10.4	11.4	10.8	11.7	12.1	
4H	2H	10.6	11.6	11.0	11.9	12.2	10.8	11.8	11.2	12.1	12.4	
	3H	11.1	12.0	11.5	12.4	12.7	11.1	12.0	11.5	12.3	12.7	
	4H	11.0	12.2	11.4	12.6	13.0	11.0	12.2	11.4	12.6	13.0	
	6H	10.7	12.4	11.2	12.9	13.4	10.8	12.5	11.2	12.9	13.4	
	8H	10.6	12.5	11.1	12.9	13.4	10.7	12.5	11.2	13.0	13.5	
	12H	10.6	12.4	11.1	12.9	13.4	10.6	12.4	11.1	12.9	13.4	
8H	4H	10.7	12.5	11.2	13.0	13.5	10.6	12.5	11.1	12.9	13.4	
	6H	10.7	12.2	11.2	12.7	13.2	10.6	12.2	11.2	12.7	13.2	
	8H	10.7	11.9	11.2	12.4	12.9	10.7	11.9	11.2	12.4	12.9	
	12H	10.8	11.5	11.4	12.0	12.6	10.8	11.6	11.4	12.0	12.6	
12H	4H	10.6	12.4	11.1	12.9	13.4	10.6	12.4	11.1	12.9	13.4	
	6H	10.7	11.9	11.2	12.4	12.9	10.7	11.9	11.2	12.4	12.9	
	8H	10.8	11.6	11.4	12.0	12.6	10.8	11.5	11.4	12.0	12.6	
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					