

Platea Pro

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Product configuration: P840

P840: Platea Pro



Product code

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Technical description

Outdoor luminaire with a Flood 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 $\pm 30^\circ$ 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.

Colour

Grey (15)

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 14mm \varnothing (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 .

Complies with EN60598-1 and pertinent regulations



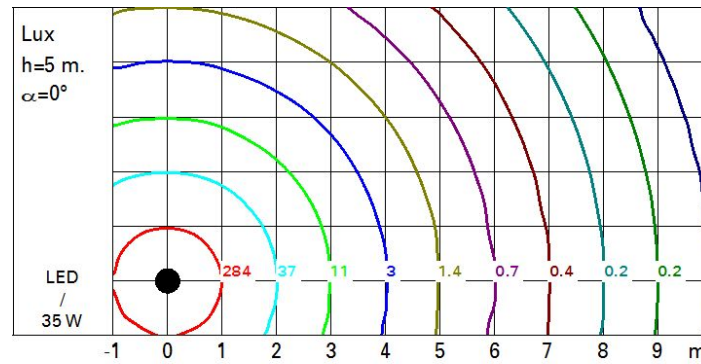
Technical data

Im system:	2850	Colour temperature [K]:	4000
W system:	35	MacAdam Step:	3
Im source:	3800	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W source:	31	Life Time LED 2:	74,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (Im/W, real value):	81.4	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	75	Number of optical assemblies:	1
Beam angle [°]:	28°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI

Polar

Imax=10513 cd		Lux			
90°	180°	90°	h	d	Em Emax
			8	4	135 164
			16	8	34 41
			24	12	15 18
			32	16	8 10
$\alpha = 28^\circ$					

Isolux



UGR diagram

Corrected UGR values (at 3800 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		viewed crosswise					viewed endwise				
x	y										
2H	2H	13.8	15.8	14.2	10.1	10.4	13.8	15.8	14.2	10.1	10.4
	3H	14.2	15.7	14.0	10.0	10.3	14.0	15.4	14.3	15.8	10.1
	4H	14.2	15.5	14.0	15.8	10.1	14.0	15.2	14.4	15.6	15.9
	6H	14.2	15.2	14.0	15.5	15.9	14.0	15.0	14.3	15.3	15.7
	8H	14.2	15.2	14.0	15.5	15.9	13.9	14.9	14.3	15.3	15.6
	12H	14.1	15.1	14.5	15.4	15.8	13.9	14.9	14.3	15.2	15.6
4H	2H	14.0	15.2	14.4	15.0	15.9	14.2	15.5	14.0	15.8	10.1
	3H	14.4	15.4	14.8	15.8	10.1	14.4	15.4	14.8	15.8	10.1
	4H	14.5	15.4	14.9	15.8	10.2	14.5	15.4	14.9	15.8	10.2
	6H	14.2	15.7	14.0	10.1	10.6	14.2	15.7	14.7	10.2	10.6
	8H	14.0	15.8	14.5	10.2	10.7	14.1	15.8	14.0	10.3	10.8
	12H	13.9	15.7	14.4	10.2	10.7	14.0	15.8	14.5	10.3	10.8
8H	4H	14.1	15.8	14.0	10.3	10.8	14.0	15.8	14.5	10.2	10.7
	6H	14.0	15.7	14.5	10.1	10.7	14.0	15.7	14.5	10.1	10.7
	8H	14.0	15.5	14.5	15.9	10.5	14.0	15.5	14.5	15.9	10.5
	12H	14.1	15.1	14.0	15.0	10.2	14.1	15.1	14.0	15.0	10.2
12H	4H	14.0	15.8	14.5	10.3	10.8	13.9	15.7	14.4	10.2	10.7
	6H	14.0	15.5	14.5	15.9	10.5	14.0	15.4	14.5	15.9	10.5
	8H	14.1	15.1	14.0	15.0	10.2	14.1	15.1	14.0	15.0	10.2
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						