Last information update: November 2024

Product configuration: P813

P813: Platea Pro

Product code

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Technical description

Outdoor luminaire with a Wide Flood 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 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 Warm 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 Weight (Kg) White (01) | Black (04) | Grey (15) | Rust Brown (F5) 8.55



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 nickelplated 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.

Complies with EN60598-1 and pertinent regulations



Technical data



















Im system: 4833 W system: 55.4 6450 Im source: W source: 51 Luminous efficiency (lm/W, 87.2 real value): Im in emergency mode: Total light flux at or above 0 an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 75 [%]: Beam angle [°]: 46° CRI (minimum): 80 Colour temperature [K]: 3000 MacAdam Step: 3

Life Time LED 2: 87,000h - L80 - B10 (Ta 40°C) Lamp code: Number of lamps for optical assembly: ZVEI Code: LED Number of optical assemblies from -30°C to 50°C. Intervallo temperatura ambiente: Power factor: See installation instructions Inrush current: 62 A / 202 μs

Maximum number of B10A: 6 luminaires luminaires of this type per miniature circuit breaker:

B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires

Minimum dimming %: Overvoltage protection:

10kV Common mode & 6kV Differential mode

Control: DALI-2

Polar

Life Time LED 1:

Imax=7267 cd	Lux					
90° 180° 90°	h	d	Em	Emax		
	8	6.8	91	113		
	16	13.6	23	28		
7500	24	20.4	10	13		
α=46°	32	27.2	6	7		

100,000h - L80 - B10 (Ta 25°C)

UGR diagram

10150											
Rifle											
ce il/c		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls work pl. Room dim			0.50 0.30 0.20 0.20	0.50 0.30 0.20 0.20		0.30	0.50 0.20	0.30	0.50	0.30	0.30
		0.20			0.20	0.20					
				viewed					viewed		
X	У		C	eiweeor	е				endwise		
2H	2H	16.3	16.9	16.6	17.2	17.4	16.3	16.9	16.6	17.2	17.4
	ЗН	16.4	17.0	16.7	17.2	17.5	16.3	16.9	16.6	17.2	17.4
	4H	16.4	16.9	16.7	17.2	17.5	16.3	16.8	16.6	17.1	17.4
	бН	16.3	16.8	16.7	17.1	17.4	16.2	16.7	16.6	17.0	17.4
	HS	16.3	16.8	16.6	17.1	17.4	16.2	16.7	16.6	17.0	17.3
	12H	16.2	16.7	16.6	17.0	17.4	16.1	16.6	16.5	16.9	17.3
4H	2H	16.3	16.8	16.6	17.1	17.4	16.4	16.9	16.7	17.2	17.5
	ЗН	16.4	16.9	16.8	17.2	17.6	16.4	16.9	16.8	17.2	17.6
	4H	16.4	16.8	16.8	17.2	17.6	16.4	16.8	16.8	17.2	17.6
	бН	16.4	16.7	16.8	17.1	17.5	16.4	16.7	16.8	17.1	17.5
	HS	16.3	16.6	16.8	17.1	17.5	16.3	16.7	16.8	17.1	17.5
	12H	16.3	16.6	16.7	17.0	17.5	16.3	16.6	16.7	17.0	17.5
8Н	4H	16.3	16.7	16.8	17.1	17.5	16.3	16.6	16.8	17.1	17.5
	бН	16.3	16.5	16.7	17.0	17.5	16.3	16.5	16.7	17.0	17.5
	н	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4
	12H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4
12H	4H	16.3	16.6	16.7	17.0	17.5	16.3	16.6	16.7	17.0	17.5
	бН	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4
	HS	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.
Varia	ations wi	th the ob	pserverp	osition a	at spacin	ıg:	0.00				
S =	1.0H			.8 / -2	The second second			2	.8 / -2.	8	
	1.5H		5	.1 / -4	3			5	.1 / -4.	3	
	2.0H		6	9 / -5	5			6	9 / -5.	5	