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Last information update: October 2024

Product configuration: P801

P801: Platea Pro



Product code P801: Platea Pro

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 °Ć, 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 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 White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg) 5.32



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 nickelplated brass M24x1.5 cable clamps, suitable for cables with a max external 14mm 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

























Tecl	hnical	data
100	micui	uutu

lm system:	2735	Life Time LED 1:		
W system:	34.7	Life Time LED 2:		
Im source:	3650	Lamp code:		
W source:	31	Number of lamps for op		
Luminous efficiency (lm/W,	78.8	assembly:		
real value):		ZVEI Code:		
Im in emergency mode:	-	Number of optical		
Total light flux at or above	0	assemblies:		
an angle of 90° [Lm]:		Intervallo temperatura		
Light Output Ratio (L.O.R.)	75	ambiente:		
[%]:		Power factor:		
Beam angle [°]:	46°	Inrush current:		
CRI (minimum):	80	Maximum number of		
Colour temperature [K]:	3000	luminaires of this type p miniature circuit breake		
MacAdam Step:	3			

100,000h - L80 - B10 (Ta 25°C) 74,000h - L80 - B10 (Ta 40°C) LED

ptical 1

LED

from -30°C to 50°C.

See installation instructions 26 A / 180 μs

B10A: 17 luminaires B16A: 28 luminaires C10A: 29 luminaires

C16A: 47 luminaires Overvoltage protection: 10kV Common mode & 6kV Differential mode

DALI-2 Control:

Polar

Imax=4112 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	4	3.4	206	257
	8	6.8	51	64
4000	12	10.2	23	29
α=46°	16	13.6	13	16

UGR diagram

Rifle	ct										
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 0.30 0.50 0 0.20 0.20	0.50	0.30 0.20	0.30	0.50 0.20	0.30	0.50 0.20 viewed	0.30	0.30
										0.20	0.20
		8331616		viewed							
x	У		C	eiweeor	e				endwise		
2H	2H	18.5	19.1	18.8	19.4	19.6	18.5	19.1	18.8	19.4	19.6
	ЗН	18.6	19.2	18.9	19.5	19.7	18.5	19.1	18.8	19.4	19.6
	4H	18.6	19.1	18.9	19.4	19.7	18.5	19.0	18.8	19.3	19.6
	бН	18.5	19.0	18.9	19.3	19.7	18.4	18.9	18.8	19.2	19.6
	ВН	18.5	19.0	18.9	19.3	19.6	18.4	18.9	18.8	19.2	19.5
	12H	18.5	18.9	18.8	19.2	19.6	18.4	18.8	18.7	19.2	19.5
4H	2H	18.5	19.0	18.8	19.3	19.6	18.6	19.1	18.9	19.4	19.7
	ЗН	18.7	19.1	19.0	19.4	19.8	18.7	19.1	19.0	19.4	19.8
	4H	18.6	19.0	19.0	19.4	19.8	18.6	19.0	19.0	19.4	19.8
	6H	18.6	18.9	19.0	19.3	19.7	18.6	18.9	19.0	19.3	19.8
	HS	18.5	18.9	19.0	19.3	19.7	18.5	18.9	19.0	19.3	19.7
	12H	18.5	18.8	18.9	19.2	19.7	18.5	18.8	19.0	19.2	19.7
нв	4H	18.5	18.9	19.0	19.3	19.7	18.5	18.9	19.0	19.3	19.7
	6H	18.5	18.8	19.0	19.2	19.7	18.5	18.7	19.0	19.2	19.7
	HS	18.4	18.7	18.9	19.1	19.6	18.4	18.7	18.9	19.1	19.6
	12H	18.4	18.6	18.9	19.1	19.6	18.4	18.6	18.9	19.1	19.6
12H	4H	18.5	18.8	19.0	19.2	19.7	18.5	18.8	18.9	19.2	19.7
	бН	18.4	18.7	18.9	19.1	19.6	18.4	18.7	18.9	19.1	19.6
	H8	18.4	18.6	18.9	19.1	19.6	18.4	18.6	18.9	19.1	19.6
Varia	ations wi	th the ob	server p	osition	at spacin	ıg:					
S =	1.0H		2	.8 / -2	8			2	.8 / -2.	8	
	1.5H	5.1 / -4.3					5.1 / -4.3				
	2.0H		6	.9 / -5	5			6	.9 / -5.	5	