iGuzzini

Last information update: October 2024

Product configuration: P797

P797: Platea Pro



Product code P797: Platea Pro

Technical description

Outdoor luminaire with a 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.

Weight (Kg)

5.32

Installation The luminaire can be installed at ground level or on walls using the standard base. Colour



Mounting

wall arm|wall surface|ground anchored

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

Wiring

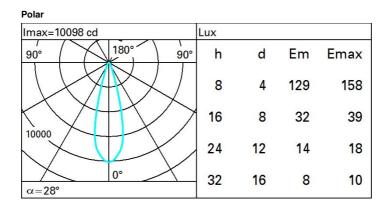
Luminaire ready for pass-through wiring. Product perfect watertightness at the power cable entry point is guaranteed by 2 nickelplated brass M24x1.5 cable clamps, suitable for cables with a max external 14mm ø (1.5mm² cross section). Push in terminal board.

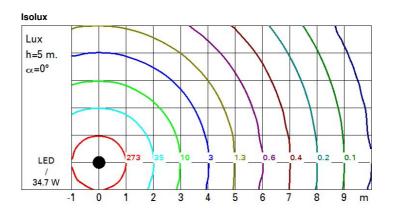
Notes

Available accessories include: a refractor for elliptical light flow distribution, diffusing glass, visor, directional flaps, protective grille .



Technical data					
Im system:	2738	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		
W system:	34.7	Life Time LED 2:	74,000h - L80 - B10 (Ta 40°C)		
Im source:	3650	Lamp code:	LED		
W source:	31	Number of lamps for optical	1		
Luminous efficiency (Im/W,	78.9	assembly:			
real value):		ZVEI Code:	LED		
Im in emergency mode:	-	Number of optical	1		
Total light flux at or above	0	assemblies:			
an angle of 90° [Lm]:		Intervallo temperatura	from -30°C to 50°C.		
Light Output Ratio (L.O.R.) [%]:	75	ambiente:			
		Power factor:	See installation instructions		
Beam angle [°]:	28°	Inrush current:	26 A / 180 μs		
CRI (minimum):	80	Maximum number of			
Colour temperature [K]:	3000	luminaires of this type per	B10A: 17 luminaires		
MacAdam Step:	3	miniature circuit breaker:	B16A: 28 luminaires		
			C10A: 29 luminaires C16A: 47 luminaires		
		Overvoltage protection:	10kV Common mode & 6kV Differential mode		
		Control:	DALI-2		





UGR diagram

Rifled	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.		0.50	0.30	0.50 0.20	0.30 0.20	0.30 0.20	0.50 0.20	0.30	0.50	0.30	0.30 0.20
x	У	crosswise			endwise						
2H	2H	13.7	15.6	14.1	1 5.9	16.3	13.7	15.6	14.1	15.9	16.3
	ЗН	14.0	15.5	14.4	15.8	16.2	13.8	15.3	14.2	15.6	16.0
	4H	14.1	15.3	14.5	15.7	16.0	13.8	15.1	14.2	15.4	15.8
	6H	14.1	15.1	14.4	15.4	15.8	13.8	14.8	14.2	15.2	15.5
	BH	14.0	15.0	14.4	15.4	15.7	13.8	14.8	14.2	15.1	15.5
	12H	14.0	14.9	14.4	15.3	15.7	13.7	14.7	14.1	15.1	15.4
4H	2H	13.8	15.1	14.2	15.4	15.8	14.1	15.3	14.5	15.7	16.0
	ЗH	14.3	15.3	14.7	15.6	16.0	14.3	15.3	14.7	15.6	16.0
	4H	14.3	15.2	14.7	15.6	16.0	14.3	15.2	14.7	15.6	16.0
	6H	14.0	15.6	14.5	16.0	16.5	14.1	15.6	14.5	16.0	16.5
	8H	13.9	15.6	14.4	16.1	16.6	13.9	15.7	14.4	16.1	16.6
	12H	13.8	15.6	14.3	16.1	16.6	13.8	15.6	14.3	16.1	16.0
вн	4H	13.9	15.7	14.4	16.1	16.6	13.9	15.6	14.4	16.1	16.6
	6H	13.9	15.5	14.4	16.0	16.5	13.8	15.5	14.4	16.0	16.5
	BH	13.8	15.3	14.4	15.8	16.3	13.8	15.3	14.4	15.8	16.3
	12H	13.9	15.0	14.5	15.5	16.0	13.9	15.0	14.5	15.5	16.0
12H	4H	13.8	15.6	14.3	16.1	16.6	13.8	15.6	14.3	16.1	16.0
	6H	13.8	15.3	14.4	15.8	16.3	13.8	15.3	14.3	15.8	16.3
	8H	13.9	15.0	14.5	15.5	16.0	13.9	15.0	14.5	15.5	16.0
Varia	tions wi	th the ot	pserverp	osition	at spacin	ig:					
S =	1.0H	2.0 / -1.7					2.0 / -1.7				
	1.5H		3	.9 / -2	6		3.9 / -2.6				