

Last information update: March 2025

**Product configuration: PW81.01**

PW81.01: Floodlight with base – Neutral White – Integrated power supply - DALI-2 - 19.8W 2623lm - 4000K - White

**Product code**

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**Technical description**

Floodlight designed to use LED lamps and a GL optic. Consisting of an optical assembly, an arm with a swivel joint and a glass-holding frame and base in aluminium alloy, subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation and sealing. The following 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. Transparent, 4mm thick, tempered sodium-calcium closing glass. The gasket is in black silicone. The product includes a Neutral White monochrome circuit fitted with 1 reflector with an Opti Beam Reflector. The electronic DALI-2 power supply is integrated in the product and compatible with remote management systems. The frame includes steel retaining cables. The product with a base can be adjusted on a vertical plane by  $\pm 45^\circ$  and on a horizontal plane by  $360^\circ$ . All external screws used are made of A2 stainless steel.

**Installation**

The product can be floor, wall or ceiling-installed and also pole-mounted using steel arms or a steel flange.

**Colour**

White (01)

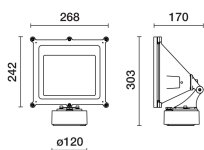
**Weight (Kg)**

3.67

**Mounting**

wall arm|wall surface|ceiling surface

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	2623	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	19.8	Lamp code:	LED
lm source:	3050	Number of lamps for optical assembly:	1
W source:	17	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	132.5	Number of optical assemblies:	1
lm in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	86	Inrush current:	5 A / 50 $\mu$ s
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	4000	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	2	Control:	DALI-2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

**Polar**