

Last information update: May 2025

Product configuration: 810A.01

810A.01: Floodlight with box – Warm White – Integrated power supply - Zhaga Ready - 37.8W 4392.8lm - 3500K - White

**Product code**

810A.01: Floodlight with box – Warm White – Integrated power supply - Zhaga Ready - 37.8W 4392.8lm - 3500K - White

Technical description

Floodlight designed to use LED lamps and an Asymmetric optic. Consisting of an optical assembly, an arm with a swivel joint, a glass-holding frame and a power supply box 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 Warm White monochrome circuit fitted with 2 reflectors 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 is connected to the power supply box via a Ø12mm diameter stainless steel braided metal cable. The power supply box is fitted with a multi-pole Zhaga 4 Pin socket. The product can be adjusted on a vertical plane by $\pm 45^\circ$ and on a horizontal plane by 360° . All external screws used are made of A2 stainless steel.

Installation

The product can be ground-installed (using code 1173 and 0456 accessories, to be purchased separately) and wall-mounted (using the code 1172 accessory, to be purchased separately).

Colour
White (01)

Weight (Kg)
6.07

Mounting

wall surface|free standing

Complies with EN60598-1 and pertinent regulations



IK07

IP66

Technical data

lm system:	4393	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W system:	37.8	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
lm source:	5780	Lamp code:	LED
W source:	33	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	116.2	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -20°C to +35°C. (*)
Light Output Ratio (L.O.R.) [%]:	76	Power factor:	See installation instructions
CRI (minimum):	80	Inrush current:	49 A / 290 µs
Rf (Colour Fidelity Index):	83	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 26 luminaires B16A: 42 luminaires C10A: 43 luminaires C16A: 71 luminaires
Rg (Gamut Index):	95	Minimum dimming %:	10
Colour temperature [K]:	3500	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	2		

* Preliminary data

Polar
