

Last information update: March 2025

**Product configuration: 850A**

850A: Floodlight with box – Warm White – Integrated power supply - Zhaga Ready

**Product code**

850A: Floodlight with box – Warm White – Integrated power supply - Zhaga Ready

**Technical description**

Floodlight designed to use LED lamps and a Wall Washer 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 an Opti Beam Lens optical system complete with a Warm White monochrome LED circuit. 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 ±45° 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) | Black (04) | Grey (15) | Grey / Yellow (73) | Rust Brown (F5)

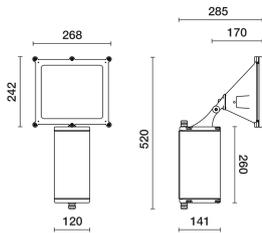
**Weight (Kg)**

6.07

**Mounting**

wall surface|free standing

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	4343.5	Life Time LED 1:	100,000h - L90 - B10 (Ta 25C)
W system:	39.9	Life Time LED 2:	100,000h - L90 - B10 (Ta 40C)
lm source:	5950	Lamp code:	LED
W source:	36	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	108.86	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0.0	Intervallo temperatura ambiente:	from -20°C to +35°C. (*)
Light Output Ratio (L.O.R.) [%]:	73	Power factor:	See installation instructions
Beam angle [°]:	43° / 106°	Inrush current:	24.6 A / 160 µs
CRI:	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
Colour temperature [K]:	3000	Minimum dimming %:	10
MacAdam Step:	3	Overvoltage protection:	0kV Common mode & 0kV Differential mode

\* Preliminary data