

Last information update: March 2025

Product configuration: 820A

820A: Floodlight with box – Warm White – Integrated power supply - DALI-2

**Product code**

820A: Floodlight with box – Warm White – Integrated power supply - DALI-2

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 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)

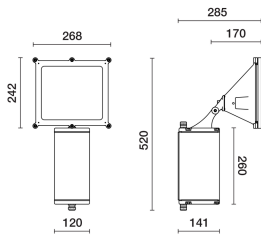
Weight (Kg)

6.07

Mounting

wall surface|free standing

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	3701.1	Life Time LED 1:	100,000h - L90 - B10 (Ta 25C)
W system:	40.1	Life Time LED 2:	100,000h - L90 - B10 (Ta 40C)
lm source:	5070	Lamp code:	LED
W source:	36	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	92.3	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:	21 A / 300 µs
CRI:	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Colour temperature [K]:	2200	Overvoltage protection:	0kV Common mode & 0kV Differential mode
MacAdam Step:	3	Control:	DALI-2

* Preliminary data