

Last information update: May 2025

Product configuration: 818A.01

818A.01: Floodlight with box – Warm White – Integrated power supply - DALI-2 - 40.1W 3954.6lm - 2200K - White

**Product code**

818A.01: Floodlight with box – Warm White – Integrated power supply - DALI-2 - 40.1W 3954.6lm - 2200K - White

Technical description

Floodlight designed to use LED lamps and a Flood 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 $\pm 45^\circ$ 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

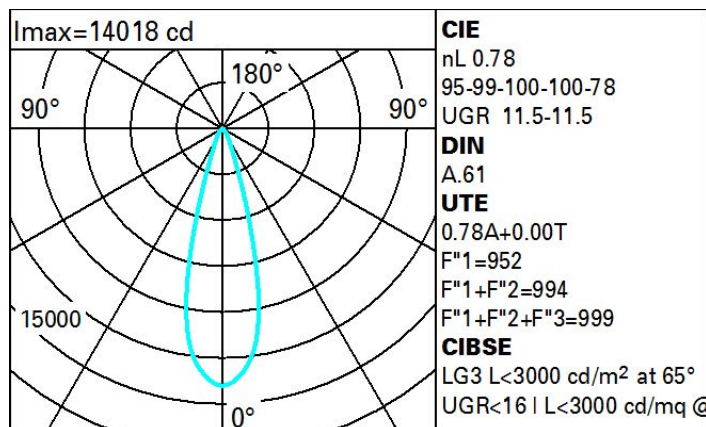


IK07

IP66

Technical data

Im system:	3955	MacAdam Step:	3
W system:	40.1	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
Im source:	5070	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W source:	36	Lamp code:	LED
Luminous efficiency (Im/W, real value):	98.6	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	78	Intervallo temperatura ambiente:	from -30°C to 50°C.
Beam angle [°]:	29°	Power factor:	See installation instructions
CRI (minimum):	80	Inrush current:	21 A / 300 µs
Rf (Colour Fidelity Index):	85	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Rg (Gamut Index):	95	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Colour temperature [K]:	2200	Control:	DALI-2

Polar

CIE
nL 0.78
95-99-100-100-78
UGR 11.5-11.5
DIN
A.61
UTE
0.78A+0.00T
F"1=952
F"1+F"2=994
F"1+F"2+F"3=999
CIBSE
LG3 L<3000 cd/m² at 65°
UGR<16 | L<3000 cd/mq @
