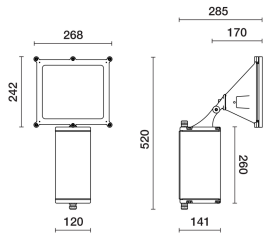
Lingotto

Design Renzo Piano **iGuzzini**

Last information update: May 2025

Product configuration: 829A.01
829A.01: Floodlight with box – Warm White – Integrated power supply - DALI-2 - 40.1W 4641lm - 3500K - White



Product code
829A.01: Floodlight with box – Warm White – Integrated power supply - DALI-2 - 40.1W 4641lm - 3500K - White

Technical description
Floodlight designed to use LED lamps and a Wide 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 ±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)

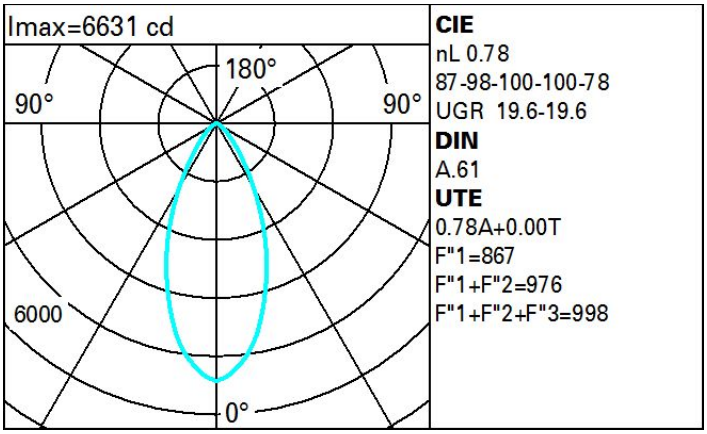
Weight (Kg)
6.07

Mounting
wall surface|free standing

Complies with EN60598-1 and pertinent regulations

IK07 IP66

Technical data

lm system:	4641	MacAdam Step:	3
W system:	40.1	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
lm source:	5950	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W source:	36	Lamp code:	LED
Luminous efficiency (lm/W, real value):	115.7	Number of lamps for optical assembly:	1
lm 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 [°]:	45°	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):	98	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Colour temperature [K]:	3500	Control:	DALI-2

Polar