

Last information update: March 2025

Product configuration: EN28+GOBO40B

EN28: Ø 116mm spotlight with Profiler – Neutral White LED – Ta 40
GOBO40B: Gobo ø40mm - min focusing



Product code

EN28: Ø 116mm spotlight with Profiler – Neutral White LED – Ta 40

Technical description

Spotlight for outdoor use with profiler designed to use LED lamps. Consists of an optical assembly and a base. The optical assembly, arm and base and frame holder are made of aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The painting stage consists of a primer and a liquid acrylic paint, cured at 150 °C, with a high level of weather resistance. 5 mm thick extra-clear tempered sodium-calcium closing glass. Secured using a 360° adjustable base. Adjustable horizontally. Includes a graduated scale with a position lock. Complete with LED circuit and Opti Beam optic system. The product is supplied with Ø40mm and Ø30mm gobos that allow 26° and 18° light cones and blades to define specific magnetically mountable forms. The chance to use dichroic glass gobos (via assembly with a gobo holder and an image rotation system) or in sheet metal (via a magnetic assembly). The product includes a PG9 cable gland. Electronic DALI ballast integrated in product. Option of installing a SPD to increase voltage spike protection. All external screws used are made of A2 stainless steel.

Installation

Floor, wall, ceiling or ground-installed via a stake.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

5.45

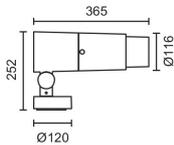
Wiring

Double PG.

Notes

Voltage spike protection: 2kV Common Mode and 1kV Differential Mode.

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1472	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	27.8	Lamp code:	LED
Im source:	3680	Number of lamps for optical assembly:	1
W source:	24	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	52.9	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -20°C to +35°C. (*)
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	40	Inrush current:	20 A / 50 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 34 luminaires B16A: 55 luminaires C10A: 57 luminaires C16A: 93 luminaires
Colour temperature [K]:	4000	Minimum dimming %:	1
MacAdam Step:	2	Overvoltage protection:	2kV Common mode & 2kV Differential mode
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	Control:	DALI-2

* Preliminary data

Polar

