Street

Design iGuzzini iGuzzini

Last information update: May 2025

Product configuration: UH46.15

 $UH46.15: Pole-mounted\ system-STF1\ optic-Neutral\ White-\emptyset 46-60-76mm-45.5W\ 7160lm-4000K-Grey$





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UH46.15: Pole-mounted system - STF1 optic - Neutral White - ø46-60-76mm - 45.5W 7160lm - 4000K - Grey

Product code

Technical description Outdoor luminaire with direct light street optic, designed to use LED lamps. The optical assembly and the pole attachment system are made of EN1706AC 46100LF 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 textured liquid acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. Option of adjusting the inclination in relation to the road surface by +20°/-5° (in 5° steps) for a pole-top installation and +5°/20° (in 5° steps) for a lateral installation. 5 mm thick extra-clear sodium-calcium closure glass fastened to the product with 4 screws. The high IP rating is guaranteed by the silicone gasket placed between the two elements. Complete with circuit featuring monochrome LEDs and polymer optic lenses. Driver with automatic internal temperature control system. The wiring and optical compartment can be opened with everyday tools or tool-free devices. The luminous flux emitted in the upper hemisphere of the system in the horizontal position is null (in conformity with the strictest standards for the prevention of light pollution). All external screws are made of stainless steel.

Installation

The spotlight can be installed with a pole-top or lateral mounting.

Colour Weight (Kg) Grey (15) 6.05

Mounting

wall arm|pole-top

Notes

In the event of installations on insulated supports (like fibreglass poles) it is mandatory (or strongly recommended) to use the accessory code X899 to protect the luminaire from eventual faults due to electrostatic charges.

Complies with EN60598-1 and pertinent regulations 8 CE ₹ 03 IK09 IP67 **IP66**



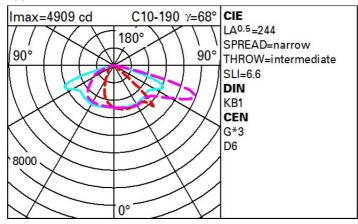
Technical data

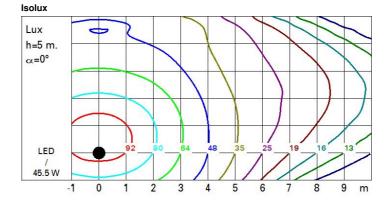
Im system: 7160 Voltage [Vin]: 230 W system: 45.5 Lamp code: LED Number of lamps for optical Im source: assembly: W source: LED Luminous efficiency (lm/W, 157.4 ZVEI Code: real value): Number of optical assemblies: Im in emergency mode: Total light flux at or above an angle of 90° [Lm]: Intervallo temperatura from -40°C to 35°C. ambiente: See installation instructions Light Output Ratio (L.O.R.) 100 Power factor: Inrush current: 32 A / - μs CRI (minimum): 70 Maximum number of luminaires of this type per B10A: 6 luminaires Colour temperature [K]: 4000 B16A: 10 luminaires miniature circuit breaker: MacAdam Step: 3 C10A: 10 luminaires Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) C16A: 17 luminaires Minimum dimming %: 10kV Common mode & 6kV Overvoltage protection: Differential mode

Control:

Midnight preset/DALI NFC

Polar





Utilisation factors

