

Last information update: April 2025

Product configuration: UD12.15+X754.04

UD12.15: Pole-mounted system - STCy0.5 optic - Warm White - 16.5W 2387lm - 3000K - Grey

X754.04: Adapter required for installation on pole - To be ordered together with optic assembly - for the Alley product - Black

**Product code**

UD12.15: Pole-mounted system - STCy0.5 optic - Warm White - 16.5W 2387lm - 3000K - Grey

Technical description

Luminaire with a direct light street optic with a maximum operating ambient temperature of 40°C. The optical assembly is made of EN1706AC 46100LF aluminium alloy, 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 acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The 5 mm thick, sodium-calcium closing glass for the optical assembly is fitted to the product via 4 screws. The metal component assembly is closed with 5 screws. The Midnight preset (100-70%) power supply can be programmed via NFC technology. The power supply includes an automatic internal temperature control system. The product is supplied with a Warm White monochrome LED circuit. The component and optic assemblies can be opened using everyday tools (an option with tool-free opening screws is available on request). The light flow emitted in the upper hemisphere of the system in the horizontal position is null. The product is pre-wired with a 6m long outlet cable. All external screws are made of stainless steel.

Installation

The optical assembly can be installed using the pole-top (X754) that can be ordered as an accessory.

Colour

Grey (15)

Weight (Kg)

4.66

Mounting

pole-top

Complies with EN60598-1 and pertinent regulations



IK08

IP66

**Accessory code**

X754.04: Adapter required for installation on pole - To be ordered together with optic assembly - for the Alley product - Black

Technical description

Liquid painted die-cast accessory required for pole-mounted installation of the Alley product. The screws used are made of stainless steel.

Colour

Black (04)

Weight (Kg)

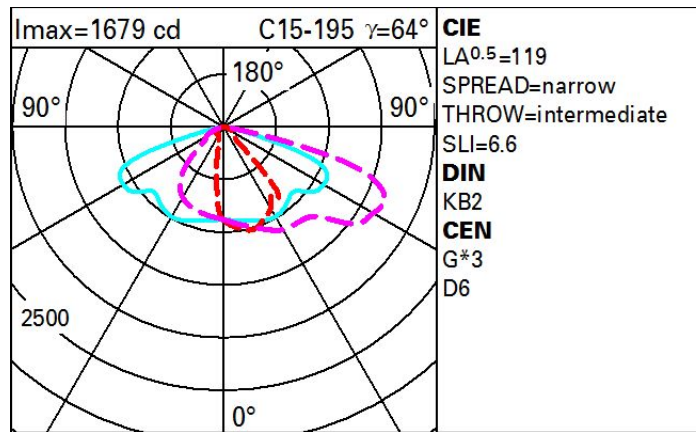
3.57

Complies with EN60598-1 and pertinent regulations

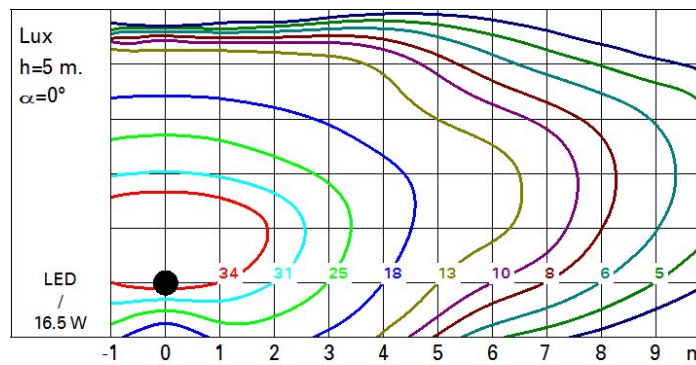
Technical data

| | | | |
|--|--------------------------------|---------------------------------------|---|
| Im system: | 2387 | Life Time LED 2: | 100,000h - L90 - B10 (Ta 40°C) |
| W system: | 16.5 | Lamp code: | LED |
| Im source: | - | Number of lamps for optical assembly: | 1 |
| W source: | - | ZVEI Code: | LED |
| Luminous efficiency (lm/W, real value): | 144.7 | Number of optical assemblies: | 1 |
| Im in emergency mode: | - | Intervallo temperatura ambiente: | from -15°C to 40°C. |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Power factor: | See installation instructions |
| Light Output Ratio (L.O.R.) [%]: | 100 | Inrush current: | 24.88 A / 236 µs |
| CRI (minimum): | 70 | Minimum dimming %: | 5 |
| Colour temperature [K]: | 3000 | Overvoltage protection: | 12kV Common mode & 12kV Differential mode |
| MacAdam Step: | 3 | Control: | Middle of the night |
| Life Time LED 1: | 100,000h - L90 - B10 (Ta 25°C) | | |

Polar



Isolux



Utilisation factors

