

Last information update: April 2025

**Product configuration: UD40.15+X754.04**

UD40.15: Pole-mounted system - STCy0.5 optic - Warm White - Zhaga ready - 19.3W 2376lm - 2200K - Grey

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

**Product code**

UD40.15: Pole-mounted system - STCy0.5 optic - Warm White - Zhaga ready - 19.3W 2376lm - 2200K - 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 power supply includes an automatic internal temperature control system. The product is fitted with a multi-pole Zhaga 4 PIN socket, including an IP65 cap. 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

**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)**

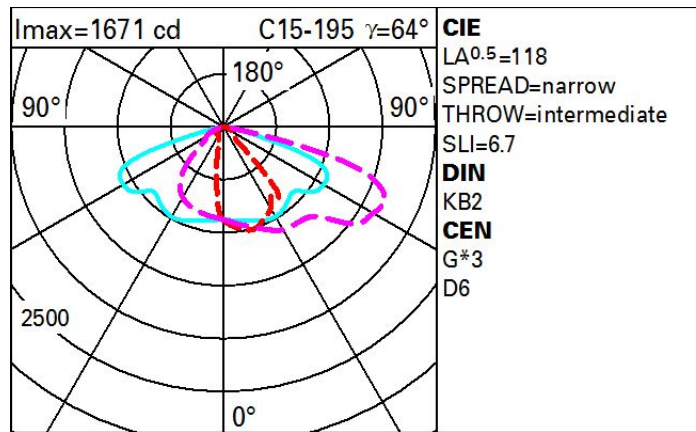
3.57

Complies with EN60598-1 and pertinent regulations

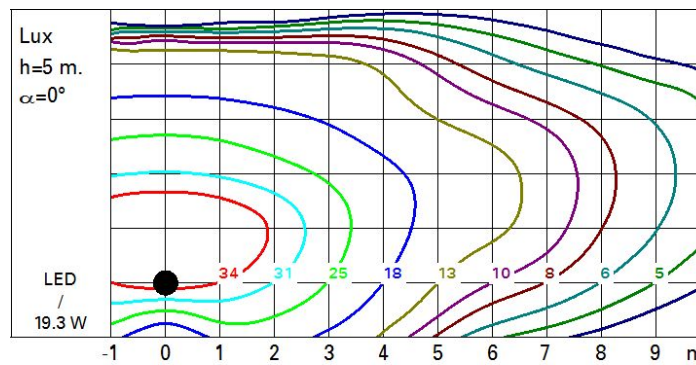
**Technical data**

|  |                                |  |  |
|--|--------------------------------|--|--|
| Im system:   | 2376                           | Life Time LED 2:   | 100,000h - L90 - B10 (Ta 40°C)   |
| W system:  | 19.3                           | Lamp code:   | LED  |
| Im source:   | -                              | Number of lamps for optical assembly:                                    | 1  |
| W source:  | -                              | ZVEI Code:   | LED  |
| Luminous efficiency (lm/W, real value):            | 123.1                          | 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:  | 20.3 A / 346 µs  |
| CRI (minimum):                                     | 70                             | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 10 luminaires<br>B16A: 17 luminaires<br>C10A: 17 luminaires<br>C16A: 28 luminaires |
| Colour temperature [K]:                            | 2200                           | Minimum dimming %:   | 1  |
| MacAdam Step:                                      | 3                              | Overvoltage protection:  | 12kV Common mode & 12kV Differential mode  |
| Life Time LED 1:                                   | 100,000h - L90 - B10 (Ta 25°C) |  |  |

# Polar



# Isolux



# Utilisation factors

