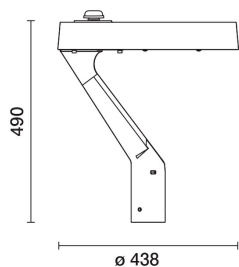


Last information update: April 2025

Product configuration: UD42+X754.04

UD42: Pole-mounted system - STCy0.5 optic - Warm White - Zhaga ready

**Product code**

UD42: Pole-mounted system - STCy0.5 optic - Warm White - Zhaga ready

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

Black (04) | Grey (15)

Weight (Kg)

4.66

Mounting

pole-top

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	3798.0	Life Time LED 2:	100,000h - L80 - B10 (Ta 25C)
W system:	32.0	Life Time LED 3:	99,000h - L90 - B10 (Ta 40C)
Im source:	3798	Life Time LED 4:	100,000h - L80 - B10 (Ta 40C)
W source:	29	Lamp code:	LED
Luminous efficiency (lm/W, real value):	118.69	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0.0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	100	Intervallo temperatura ambiente:	from -15°C to 40°C.
Beam angle [°]:	146° / 50°	Power factor:	See installation instructions
CRI:	70	Inrush current:	20.3 A / 346 µs
Colour temperature [K]:	2200	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 10 luminaires B16A: 17 luminaires C10A: 17 luminaires C16A: 28 luminaires
MacAdam Step:	3	Minimum dimming %:	1
Life Time LED 1:	100,000h - L90 - B10 (Ta 25C)	Overvoltage protection:	12kV Common mode & 12kV Differential mode