

Last information update: April 2025

**Product configuration: UC83**

UC83: Span-wire installation - STwrWide optic - Warm White - Zhaga ready

**Product code**

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**Technical description**

Luminaire with a direct light street optic with a maximum operating ambient temperature of 40°C for span-wire installation. 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. The light flow emitted in the upper hemisphere of the system in the horizontal position is null. The product is pre-wired with a 3m long outlet cable. All external screws are made of stainless steel.

**Installation**

The projector can be installed with a span-wire mounting using cables with 6 to 12 mm diameters. The attachment is included in the end product code.

**Colour**  
Black (04) | Grey (15)

**Weight (Kg)**  
7.1

**Mounting**  
span-wire installation

Complies with EN60598-1 and pertinent regulations



IK08

IP66

**Technical data**

Im system:	2168.0	Life Time LED 2:	100,000h - L80 - B10 (Ta 25C)
W system:	15.1	Life Time LED 3:	100,000h - L90 - B10 (Ta 40C)
Im source:	2168	Life Time LED 4:	100,000h - L80 - B10 (Ta 40C)
W source:	13	Lamp code:	LED
Luminous efficiency (lm/W, real value):	143.58	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 [°]:	152° / 94°	Power factor:	See installation instructions
CRI:	70	Inrush current:	7.6 A / 470 µs
Colour temperature [K]:	3000	Minimum dimming %:	15
MacAdam Step:	3	Overvoltage protection:	12kV Common mode & 12kV Differential mode
Life Time LED 1:	100,000h - L90 - B10 (Ta 25C)		