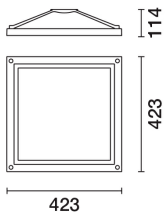


Last information update: January 2025

Product configuration: UD89

UD89: Pole-mounted system - ST1 optic - Warm White - Ta 35°C



Product code

UD89: Pole-mounted system - ST1 optic - Warm White - Ta 35°C

Technical description

Outdoor luminaire with a direct light street optic with a maximum ambient temperature of 35°C. Optical assembly made of die-cast aluminium, with dual phosphorous - chromium plating of the base metal, passivation at 120°C, RAL 9007 grey liquid paint, curing at 150°C. A sodium - calcium closing glass with silicone seal for the frame closes the LED assembly, which is fixed to the component-holder box by 4 screws. The optical assembly is fixed to the arm by 4 securing screws with an anti-loosening device. A 60 Shore silicone gasket located between the two parts guarantees a high IP66 level. Complete with circuit fitted with Warm White monochrome LEDs. Replaceable LED unit. The light flow 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). Power supply, connected using quick-couplings and removed using clips. DALI electronic power supply. Wiring and optical compartment can be opened with everyday tools. All external screws are made of stainless steel.

Installation

The projector can be installed on ø76/102mm diameters via steel arms. For ø60mm to ø89mm diameters a reducer can be used.

Colour

White / white (11) | Grey/White (B5) | Black/white (F2) | Rust
Brown / White (G3)

Weight (Kg)

5.8

Mounting

pole arm|pole-top side entry|pole-top

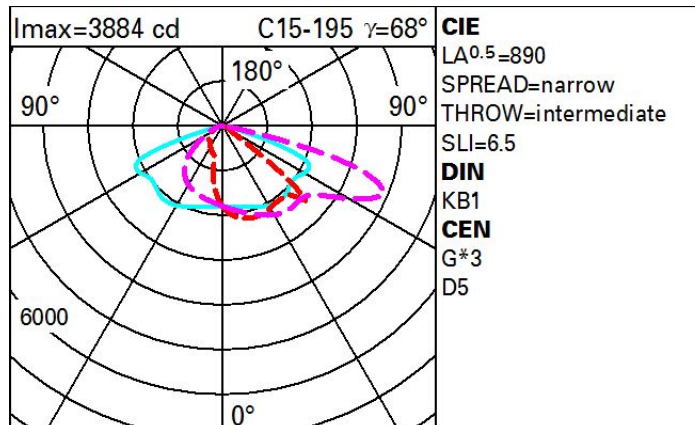
Complies with EN60598-1 and pertinent regulations



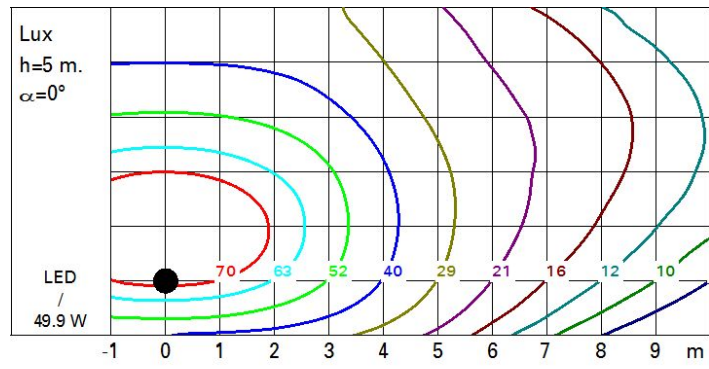
Technical data

Im system:	5910	Lamp code:	LED
W system:	49.9	Number of lamps for optical assembly:	1
Im source:	-	ZVEI Code:	LED
W source:	-	Number of optical assemblies:	1
Luminous efficiency (lm/W, real value):	118.4	Intervallo temperatura ambiente:	from -40°C to 35°C.
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	32 A / - μs
Light Output Ratio (L.O.R.) [%]:	100	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
CRI (minimum):	70	Minimum dimming %:	5
Colour temperature [K]:	2200	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	3	Control:	Midnight preset/DALI NFC
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

Polar



Isolux



Utilisation factors

