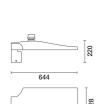
Design iGuzzini iGuzzini

Last information update: February 2025

Product configuration: EW92.15

EW92.15: Pole-mounted system - ST1 optic - Neutral White - ø 46-60-76mm - NEMA Up - 124.5W 20110lm - 4000K - Grey





Product code

EW92.15: Pole-mounted system - ST1 optic - Neutral White - ø 46-60-76mm - NEMA Up - 124.5W 20110lm - 4000K - Grey

Technical description

Outdoor luminaire with direct light street optic, designed to use LED lamps. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy and 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 liquid acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. Option of adjusting the inclination in relation to the road surface by +20°/-5° (in 5° steps) for a pole-top installation and +5°/20° (in 5° steps) for a lateral installation. 5 mm thick extra-clear sodium-calcium closure glass fastened to the product with 4 screws. The high IP rating is guaranteed by the silicone gasket placed between the two elements. Complete with circuit featuring monochrome LEDs and polymer optic lenses. Product fitted with a multi-pole Nema 7 Pin socket. Driver with automatic internal temperature control system. The wiring and optical compartment can be opened with everyday tools or tool-free devices. The luminous flux 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). All external screws are made of stainless steel.

Installation

The spotlight can be installed with a pole-top or lateral mounting.

Colour	Weight (Kg)
Grey (15)	9.9

Mounting

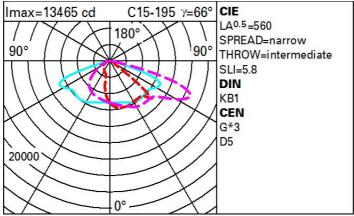
wall arm|poletop bottom entry

Notes

In the event of installations on insulated supports (like fibreglass poles) it is mandatory (or strongly recommended) to use the accessory code X899 to protect the luminaire from eventual faults due to electrostatic charges.

Technical data	·	·	
Im system:	20110	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W system:	124.5	Voltage [Vin]:	230
Im source:	-	Lamp code:	LED
W source:	-	Number of lamps for optical	1
Luminous efficiency (lm/W, real value):	161.5	assembly:	
		ZVEI Code:	LED
Im in emergency mode:	-	Number of optical	1
Total light flux at or above	tal light flux at or above 0	assemblies:	
an angle of 90° [Lm]:		Intervallo temperatura	from -40°C to 35°C.
Light Output Ratio (L.O.R.)	ttput Ratio (L.O.R.) 100 ambiente: Power factor:		
[%]:		Power factor:	See installation instructions
CRI (minimum):	70	Inrush current:	80 A / 250 μs
Colour temperature [K]:	4000	Minimum dimming %:	1
MacAdam Step:	3	Overvoltage protection:	10kV Common mode & 6kV Differential mode

Polar



Lux h=5 m. cx=0° LED 245 220 183 141 104 76 59 47 38 124.5 W

Utilisation factors

