Street

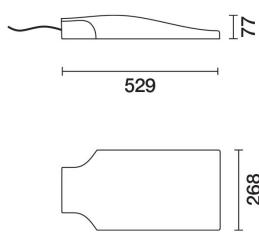**Design iGuzzini**   **iGuzzini**

Last information update: March 2025

Product configuration: EW22.15+X431.15
EW22.15: Pole-mounted system – ST1 optic - Warm White - ø46-60-76mm - 87.7W 12740lm - 3000K - Grey
X431.15: Adapter required for installation on pole - To be ordered together with optic assembly - from Ø42 to Ø60mm - Grey

Product code
EW22.15: Pole-mounted system – ST1 optic - Warm White - ø46-60-76mm - 87.7W 12740lm - 3000K - 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 pre-wired with outlet cable. 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)	6.05

Wiring
Connection to be made with an IP68 connector, which can be purchased separately.

Notes

In the event of installations on insulated supports (like fibreglass poles) contact your iGuzzini dealer or customer care service to ask for a customised product fitted with an accessory for protecting the luminaire from eventual faults due to electrostatic charges.

Complies with EN60598-1 and pertinent regulations

IK07   IP67   IP66   CE   UKCA   ⟨⟨03   ⑧   EAC   QCERT   B

BUREAU VERITAS LCA   DARKSKY APPROVED Reduces light pollution Certified by DarkSky.org

Accessory code
X431.15: Adapter required for installation on pole - To be ordered together with optic assembly - from Ø42 to Ø60mm - Grey

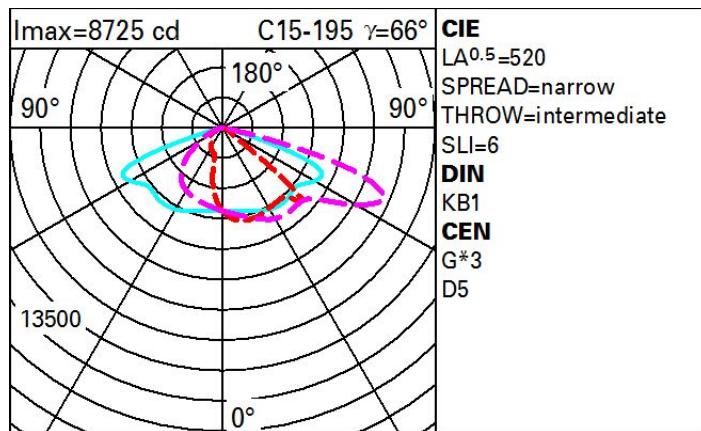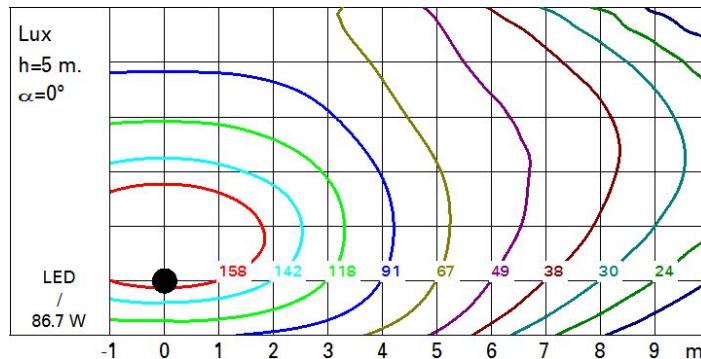| Colour	Weight (Kg)
Grey (15)	0.97

Complies with EN60598-1 and pertinent regulations

IP67

Technical data

lm system:	12740	Voltage [Vin]:	230
W system:	87.7	Lamp code:	LED
lm source:	-	Number of lamps for optical assembly:	1
W source:	-		
Luminous efficiency (lm/W, real value):	145.3	ZVEI Code:	LED
		Number of optical assemblies:	1
lm in emergency mode:	-		
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -40°C to 35°C.
Light Output Ratio (L.O.R.) [%]:	100	Power factor:	See installation instructions
		Inrush current:	41.6 A / 238 µs
CRI (minimum):	70	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires
Colour temperature [K]:	3000		B16A: 10 luminaires
MacAdam Step:	3		C10A: 10 luminaires
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		C16A: 17 luminaires
		Minimum dimming %:	5
		Overvoltage protection:	10kV Common mode & 6kV Differential mode
		Control:	Middle of the night

Polar

Imax=8725 cd C15-195 γ=66°

CIE
LA$^{0.5}$=520
SPREAD=narrow
THROW=intermediate
SLI=6
DIN
KB1
CEN
G*3
D5

180°

90°   90°

13500

0°

Isolux

Lux
h=5 m.
α=0°

LED / 86.7 W

158 142 118 91 67 49 38 30 24

-1 0 1 2 3 4 5 6 7 8 9 m

Utilisation factors