Street

Design iGuzzini **iGuzzini**

Last information update: June 2025

Product configuration: E299.15
E299.15: Pole-mounted system – ST1 optic - Neutral White - ø46-60-76mm - 53.2W 8700lm - 4000K - Grey

Product code
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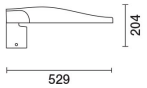
Technical description
Outdoor luminaire with direct light street optic, designed to use LED lamps. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are: degreasing, fluorozirconation (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. 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

Mounting
wall arm|pole-top

Complies with EN60598-1 and pertinent regulations

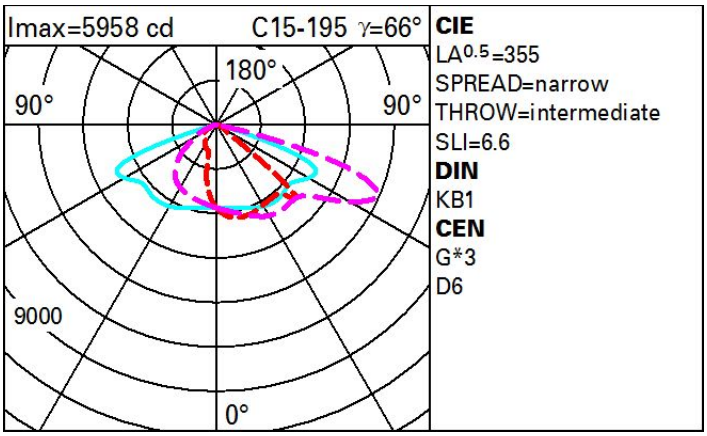
IK09 IP67 IP66

Technical data

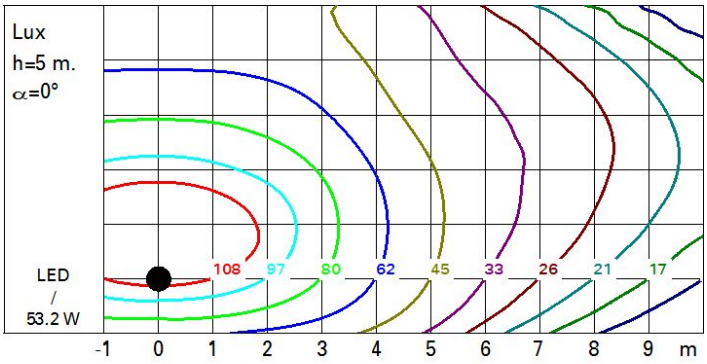
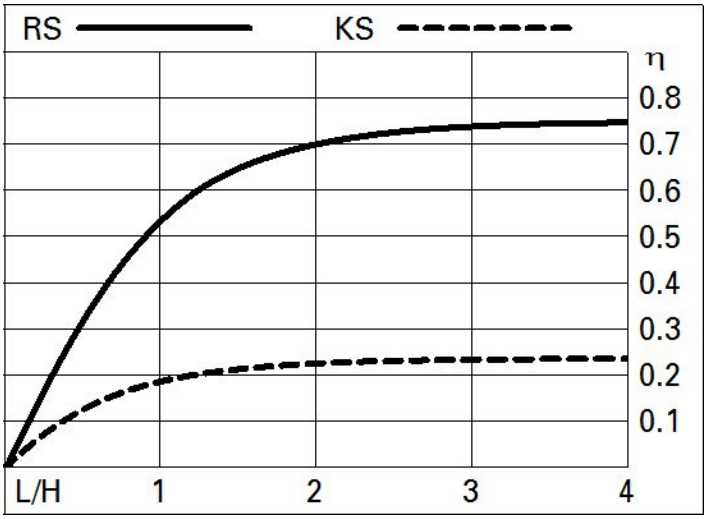
lm system:	8700
W system:	53.2
lm source:	-
W source:	-
Luminous efficiency (lm/W, real value):	163.5
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	100
CRI (minimum):	70
Colour temperature [K]:	4000
MacAdam Step:	3
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)

Voltage [Vin]:	230
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Intervallo temperatura ambiente:	from -40°C to 50°C.
Power factor:	See installation instructions
Inrush current:	41.6 A / - µs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
Minimum dimming %:	5
Overvoltage protection:	10kV Common mode & 6kV Differential mode
Control:	Midnight preset/DALI NFC

Polar



Isolux



Utilisation factors