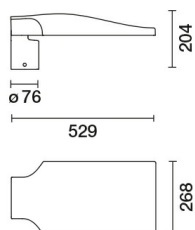# Street

Last information update: May 2024

Product configuration: E255
E255: Pole-mounted system – ST1 optic - Neutral White - ø42-60-76mm

Product code
E255: Pole-mounted system – ST1 optic - Neutral White - ø42-60-76mm **Attention! Code no longer in production**

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
Grey (15)

Mounting
wall arm|pole-top

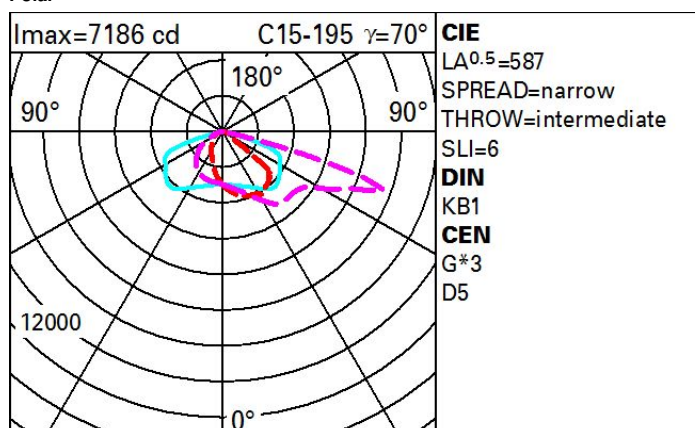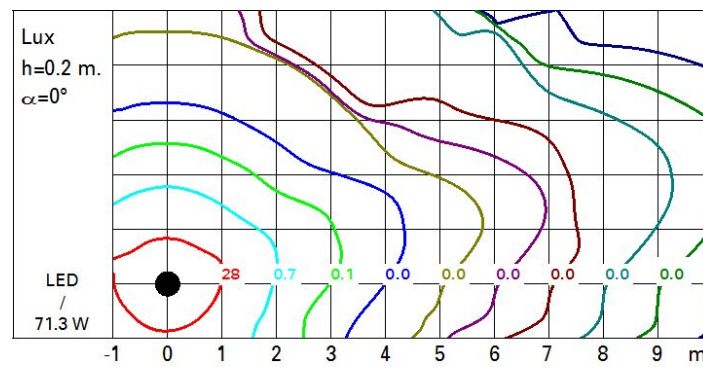Complies with EN60598-1 and pertinent regulations

IK09   IP67

Technical data

lm system:	8600	MacAdam Step:	5
W system:	71.3	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
lm source:	-	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W source:	-	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	120.6	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI (minimum):	70	Intervallo temperatura ambiente:	from -20°C to +35°C. (*)
Colour temperature [K]:	4000	Control:	Middle of the night

* Preliminary data

Polar

Imax=7186 cd   C15-195 γ=70°

CIE
LA$^{0.5}$=587
SPREAD=narrow
THROW=intermediate
SLI=6
DIN
KB1
CEN
G*3
D5

Isolux

Lux
h=0.2 m.
α=0°

LED
/
71.3 W

28 0.7 0.1 0.0 0.0 0.0 0.0 0.0 0.0

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

Utilisation factors

RS ——— KS ---------

η

0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1

L/H 1 2 3 4