

# ALYSSA



## DESCRIPTION

The ALYSSA luminaire series is an excellent street lighting solution for urban areas of great architectural value, as well as for parks, gardens and parking lots.

With an intelligent and versatile 4-in-1 design, it can be installed suspended, with side entry, post top, with a bracket, or on an arm. It is available in 2 sizes depending on the power of the luminaire.

The enormous quality of its components guarantee a long useful life and its tool-free opening design together with its automatic disconnection when opening the luminaire guarantee minimal, easy and safe maintenance.

In addition to reducing energy consumption, it creates a more attractive urban environment and visual comfort in public and residential areas.

With its patented housing design and different optics, ALYSSA luminaires are a perfect choice for project development.



| Parameter     | ALYSSA S 020               | ALYSSA S 030 | ALYSSA S 040 | ALYSSA S 050 | ALYSSA S 060 | ALYSSA 040 | ALYSSA 060 | ALYSSA 080 | ALYSSA 100 | ALYSSA 120 |
|---------------|----------------------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|
| Power         | 20 W                       | 30 W         | 40 W         | 50 W         | 60 W         | 40 W       | 60 W       | 80 W       | 100 W      | 120 W      |
| Color temp.   | 1800K, 2200K, 3000K, 4000K |              |              |              |              |            |            |            |            |            |
| Luminous flux | 2.600 lm                   | 3.900 lm     | 5.200 lm     | 6.500 lm     | 7.800 lm     | 5.200 lm   | 7.800 lm   | 10.400 lm  | 13.000 lm  | 15.600 lm  |
| Power factor  | > 0,95                     |              |              |              |              |            |            |            |            |            |
| CRI           | Ra 70 (optional Ra 80)     |              |              |              |              |            |            |            |            |            |
| IP            | IP66                       |              |              |              |              |            |            |            |            |            |

*\* Nominal powers. They can be adjusted to values by regulating the lout of the driver*

## TECHNICAL CHARACTERISTICS

- Luminous efficiency up to 140 lm/W
- Input voltage: AC 100-277 Vac; 50/60Hz
- Life span > L80B10 100,000h (Ta= 25°C)
- IP66 / IK10
- Surge protection: 10kV/20kV
- Operating temperature: -30°C +45°C.
- Different mounting options, with lyre, arm (with adjustable tilt angle) or suspension.
- Mounting diameters 50-60/ 60-76 mm
- Electrical class I or II
- DRIVER. Available options: DALI, 1-10V, PWM, CLO, NTC, head flow regulator, time zone regulation up to 5 steps
- Possibility of photocell
- Optional: NEMA connector from 5 to 7 pins. Zhaga connector.

## TYOLOGIES



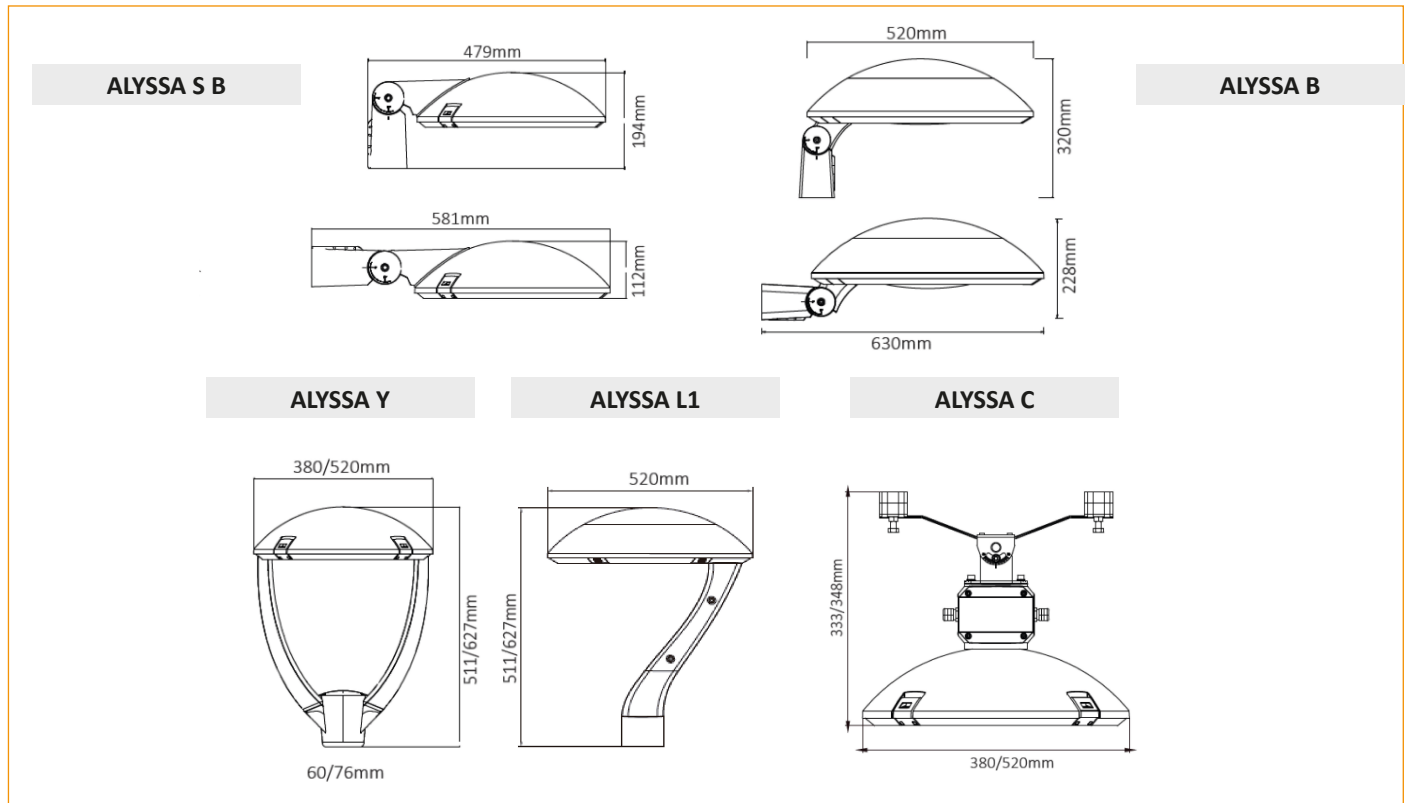
## STANDARDS / CERTIFICATES

- UNE-EN 60598-1
- UNE-EN 60598-2.3
- UNE-EN 62031
- UNE-EN 62471
- UNE-EN 62493
- UNE-EN 61347-2-13
- UNE-EN 62384
- UNE-EN-55015
- UNE-EN-61547
- UNE-EN-61000-3-2
- UNE-EN-61000-3-3
- RoHS
- CE
- ENEC

# ALYSSA

## DIMENSIONS

\* Units in mm



High pressure die-cast aluminum casing. Heatsink with enough heat dissipation for LED module up to 120W.

Tempered glass with 5 mm thickness, impact resistance.

High temperature resistant silicone gasket.



Galvanized steel support, for easy maintenance.

SPD 10kV / 20kV

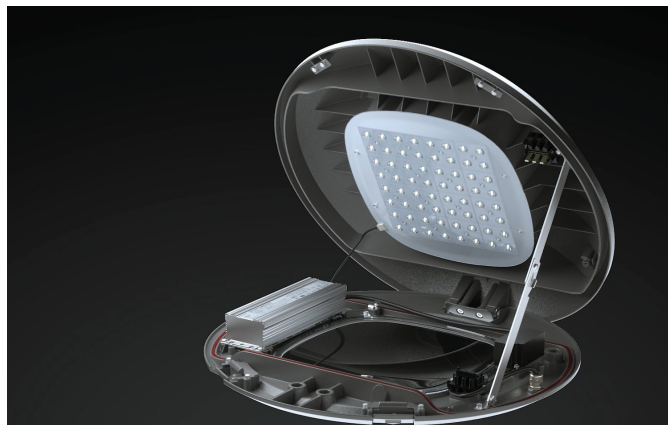
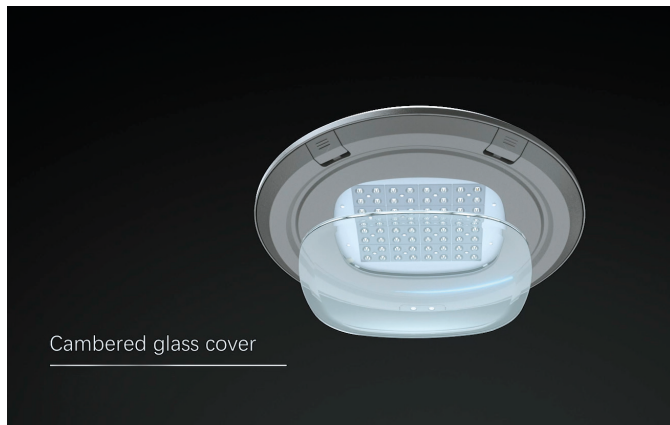
Automatic disconnection when opening the luminaire.

Tool-free opening, access to equipment and optical compartment.

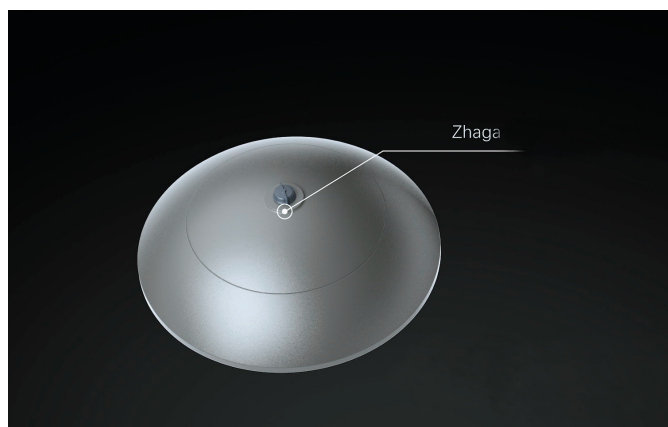
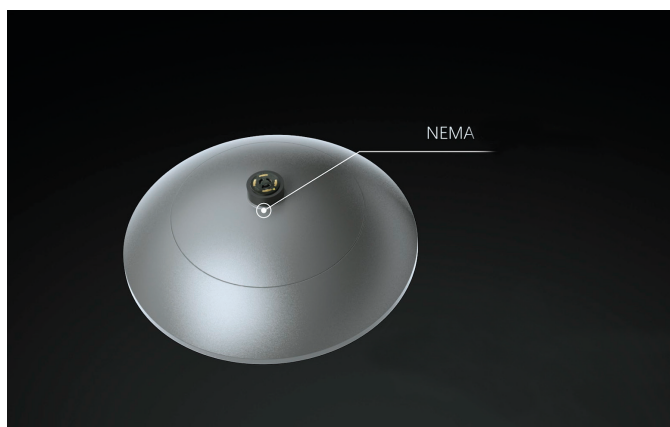
## ORIENTATION



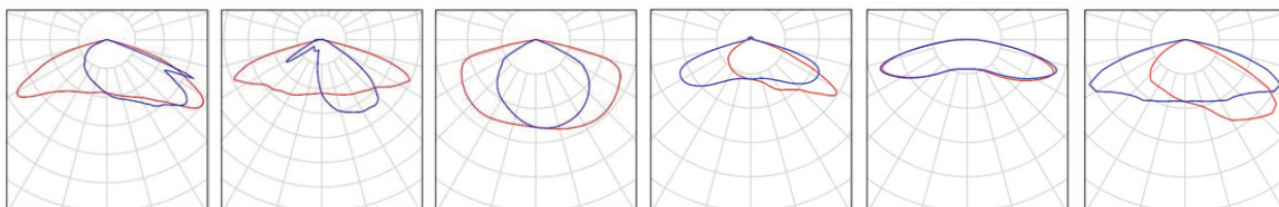
## ALYSSA



### NEMA / ZHAGA



### PHOTOMETRIES



\* More photometries available depending on application