

PRINCESA <sup>Led::</sup>  
SUS



EXTERIOR | PRINCESA SUS

# Led::

# PRINCESA SUS

## Technical characteristics

One of the harmonicas and traditional lyres, in suspended and Led format. The selection of materials makes it a vandal-resistant and durable product. Camouflaged closure on the ornament. Tool-free access. High degree of tightness.

Ideal for lighting streets, avenues, pedestrian areas, residential areas, parks and gardens.

To install from 6 to 9m high.

Characteristic dimensions: 970 x Ø490 mm.

Maximum power 125W / Maximum flux 19700lm.

Composed of body, cover, fixing and crowns in aluminum alloy type EN AC 44300 with low copper content (<0.1%). Vertical or suspended fixing.

Manual opening/closing for maintenance without tools, safety stainless steel telescopic rod that keeps the lid open during maintenance operations and silicone sealing gasket.

Approx. weight: 20Kg.

IP66 / IK09 / IK10

Injected PMMA lenticular diffuser or flat tempered glass or transparent or glazed injected polycarbonate diffuser in the shape of a tray.

High efficiency LED system in a circular arrangement. The type and number of LEDs vary depending on the version. There is a version for every need for performance, durability and cost.

Incorporates SNAP system or COOL B dissipating plate for heat dissipation.

Set of independent lenses of our own design in optical PMMA with efficiency of up to 93%. Optionally, rear reflector for flux recovery in injected and aluminized PMMA with a high reflectivity index (95%). The wide range of lenses and reflectors available allows all photometric needs to be optimally solved.

Color temperature: 3000°K or 4000°K. Optionally for areas with environmental protection: amber filter, 2200°K or 2700°K.

FHS < 0.1% (Lenticular closure and flat glass).

Minimum CRI 70.

Useful life: L90B10 > 100,000 h (consult depending on the type of LED and configuration).

AC voltage 220V-240V ~ 50/60Hz. Class I / Class II optional.

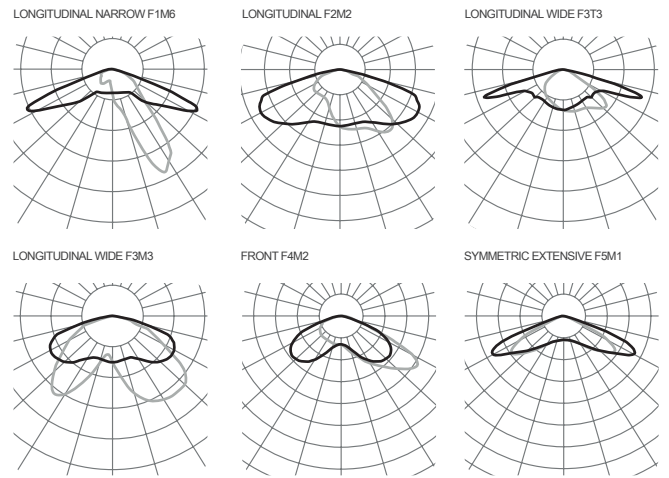
Color Black N1. Other colors available.

Standards: IEC 60598, IEC 62031, IEC 62471, IEC 60529, EN 55015, IEC 61000, IEC 61547, IEC 62493, IEC 62471, IEC 61437, IEC 62384, EN 50102, CE.

ISO9001, ISO14001, ISO45001.



## Photometries



Consult the product configurator for other options.

## Versions

| PCB | 3000K |     | 4000K |      |       |      |
|-----|-------|-----|-------|------|-------|------|
|     | mA    | W   | lm    | lm/W | lm    | lm/W |
| 085 | 350   | 16  | 2960  | 185  | 3040  | 190  |
|     | 500   | 24  | 4080  | 170  | 4240  | 176  |
|     | 680   | 32  | 5360  | 167  | 5600  | 175  |
| 185 | 350   | 38  | 6660  | 175  | 6840  | 180  |
|     | 500   | 54  | 9180  | 170  | 9540  | 176  |
|     | 680   | 74  | 12060 | 162  | 12600 | 170  |
| 186 | 350   | 38  | 6660  | 175  | 6840  | 180  |
|     | 500   | 54  | 9180  | 170  | 9540  | 176  |
|     | 680   | 74  | 12060 | 162  | 12600 | 170  |
| 16U | 350   | 15  | 2720  | 181  | 2880  | 192  |
|     | 500   | 22  | 3840  | 174  | 4000  | 181  |
|     | 750   | 33  | 5760  | 174  | 5920  | 179  |
| 16T | 350   | 15  | 2720  | 181  | 2880  | 192  |
|     | 500   | 22  | 3840  | 174  | 4000  | 181  |
|     | 1000  | 45  | 6880  | 152  | 7200  | 160  |
| 32T | 350   | 31  | 5440  | 175  | 5760  | 185  |
|     | 500   | 45  | 7680  | 170  | 8000  | 177  |
|     | 1500  | 135 | 19200 | 142  | 19840 | 146  |
| 32U | 350   | 31  | 5440  | 175  | 5760  | 185  |
|     | 500   | 45  | 7680  | 170  | 8000  | 177  |
|     | 750   | 67  | 11520 | 171  | 11840 | 176  |
| 16N | 350   | 63  | 9440  | 149  | 10080 | 160  |
|     | 500   | 90  | 12800 | 142  | 13760 | 152  |
|     | 700   | 126 | 17280 | 137  | 18560 | 147  |
| 16M | 350   | 63  | 9440  | 149  | 10080 | 160  |
|     | 500   | 90  | 12800 | 142  | 13760 | 152  |
|     | 700   | 126 | 17280 | 137  | 18560 | 147  |
| 16W | 350   | 62  | 7680  | 123  | 8320  | 134  |
|     | 500   | 88  | 11360 | 129  | 12160 | 138  |
|     | 1500  | 266 | 28320 | 106  | 30400 | 114  |

