CE

ErP

# SEAPARD

## ASL28

- **Die-cast aluminum body with powder-coating and anti-corrosion treatment.**
- **Inventronics,Meanwell,Philips, Moso and self-made led drivers optional.**
- **Humanized design concept,easy to install and maintain.**

ASL28 is the most economical street lamp of our outdoor project lighting with extremely high cost performance. It has four sizes of housing to meet different power requirements. At the same time, the tempered glass on the front and ADC12 Die-casting Aluminum housing bring top quality and meet the protection levels of IP65 and IK08.

ASL28 can be installed horizontally or vertically, this design is rarely seen in other economical street lamps and can meet the installation requirements of different lamp poles. It has a super large driver compartment, which can meet the needs of all brands in the market, such as Philips, Inventronics, etc. The maximum light efficiency can reach 200lm/w, and can achieve 7-year warranty. NEMA base can also be installed to meet needs of modern intelligent lighting.

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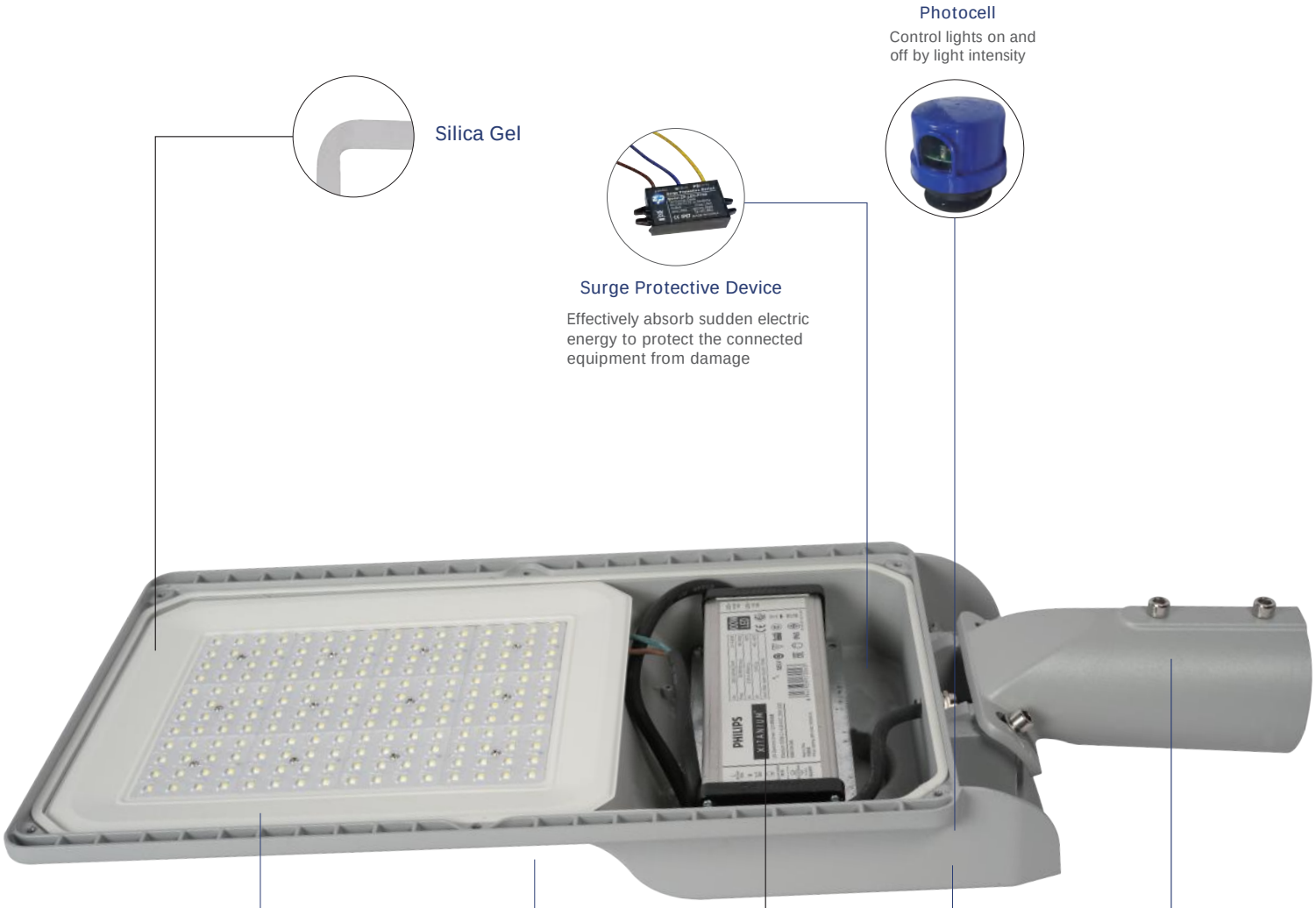


Photocell

Control lights on and off by light intensity

Silica Gel

Surge Protective Device

Effectively absorb sudden electric energy to protect the connected equipment from damage

Lens

Optical with PC lenses with high visual comfort and uniform lighting distribution, multiple optical distribution options

Honeycomb Cooling

Power Supply

Sosen/Moso/Meanwell/Osram/ Inventronics/Philips Optional

Nema Socket

Optical control can be connected to 3/5/7PIN interface

Connector

Top or side fitting Ø50mm ,Ø60mm, Ø76 arm be option, from -15 ° ~ +15 ° angle adjustable

# Technical Data

## Led Module

| | |
|---|---|
| LED Chip Brand | Lumileds \| Cree \| Epistar plus |
| LED Chip Type | SMD3030 \| SMD5050 |
| Luminous Efficacy | 130LM/W |
| Color Rendering Index (RA) | > 70 \| 80 \| 90 |
| Color Temperature | 2400K \| 2700K \| 3000K \| 4000K \| 5000K \| |
| Beam Angle | Type I Type II Type III |
| Number of lens | A:6Pcs \| B:9Pcs \| C:12Pcs \| D:15Pcs |

## Electrical Parameters

| | |
|---|---|
| Power A | 40W \| 60W \| 80W |
| Power B | 100W \| 120W |
| Power C | 150W \| 180W |
| Power D | 200W \| 240W |
| Voltage | AC100-277V |
| Frequency | 50/60Hz |
| Electrical Class | Class I Class II |
| Work Temperature | (-30 °C to 50 °C) |
| Humidity | 10 % to 90% |
| IP Grade | IP65 |
| IK Grade | IK08 |
| SPD | 10KV \| 20KV (Optional) |

## Driver

| | |
|---|---|
| Brand | Done \| Sosen \| Inventronics \| OEM \| |
| Power Factor | ＞0.9 |
| Performance | ＞ 90% |
| IP Grade | IP20 to IP67 |
| THD | ＜ 15% |

## Materials and Properties

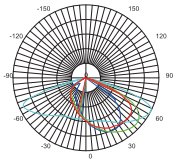
| | |
|---|---|
| Material Of Shell | Aluminum(ADC12) + Optical Glass |
| Material Of Lens | PMMA \| PC |
| Pole diameter(mm) | 60 |
| Size A (mm) | 515*190*98 |
| Size B (mm) | 575*242*109 |
| Size C (mm) | 615*262*110 |
| Size D (mm) | 685*287*110 |

## Tested according to

| | |
|---|---|
| CE-LVD | EN 60598-2-3:2003 + A1:2011<br>EN IEC 60598-1:2021<br>EN 62471:2008<br>EN 62493:2015 |
| CE-EMC | EN 55015:2013+A1:2015<br>EN 61547:2009<br>EN IEC 61000-3-2:2019<br>EN 61000-3-3:2013+A1:2019 |
| ROHS | IEC62321-1:2013, IEC62321-3-1:2013<br>IEC62321-4:2013/AMD1:2017<br>IEC62321-5:2013, IEC62321-6:2015<br>IEC62321-7-1:2015, IEC62321-7-2:2017<br>IEC62321-8:2017 |

## Typical photometric features

70°×140°



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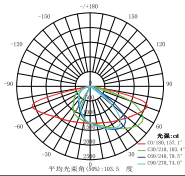

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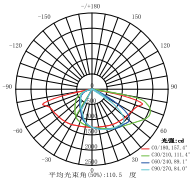

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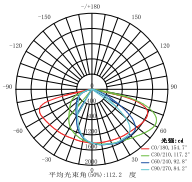

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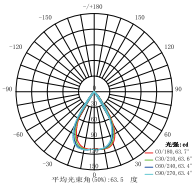

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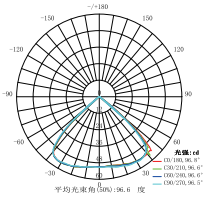

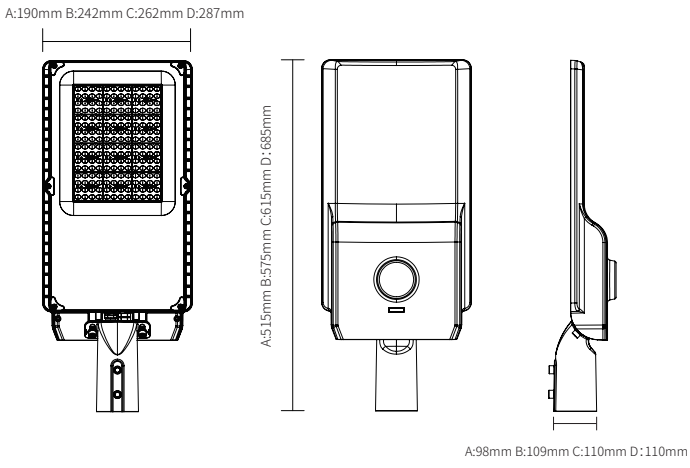

# Color

■ **Black**

■ **Grey**

■ **Black**

■ **Grey**

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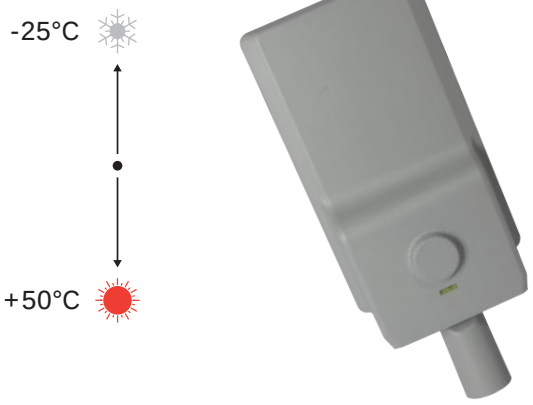


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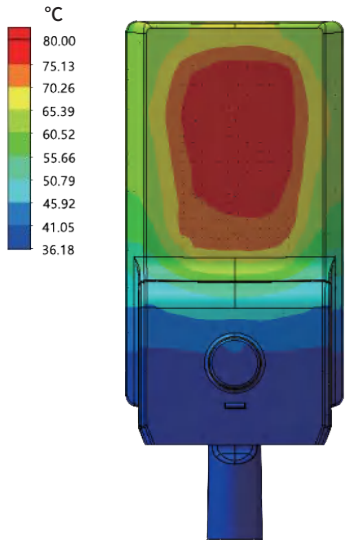


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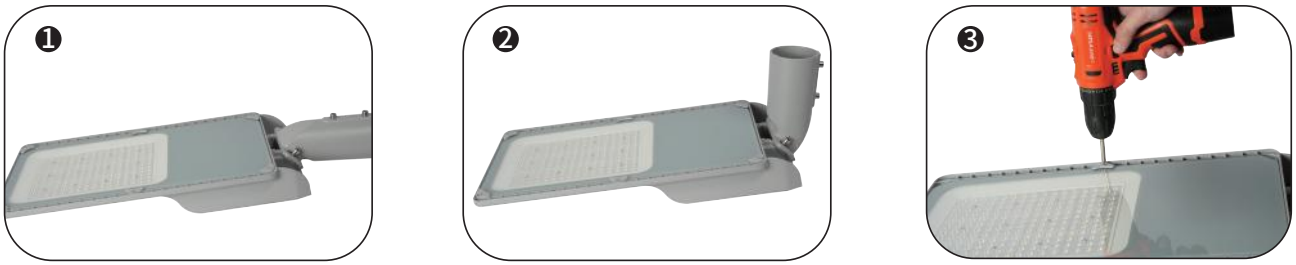


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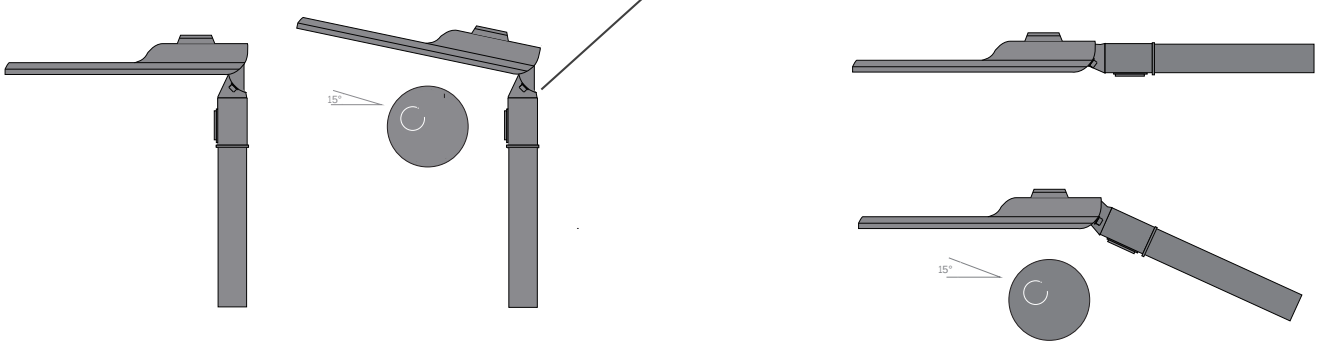
It can be installed horizontally and vertically as shown in the figure. Wide adjustment of the inclination: from -15 ° to + 15 ° in the step of 2.5 °

1. Install the lamp to the pole and tighten the screw.
2.Loosen the connecting rod converter screw and adjust the angle.
3.Tighten connecting rod converter screws.



# ELAND SERIES

## ASL28

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