

# ASL27

LED Street Light Series



 CB CE ErP

## MAIN APPLICATIONS



ROADS &  
MOTORWAYS



TUNNELS &  
UNDERPASSES



LARGE AREAS



INDUSTRIAL  
HALLS &  
WAREHOUSES



ACCENT &  
ARCHITECTURAL



CAR PARKS



RAILWAY  
STATIONS &  
METROS

## Advantages

- Luminous efficacy: Up to 200Lm/W
- Tool-free access to driver compartment
- Die-casting aluminum body with anti-corrosion powder painting
- Modern design and robust construction

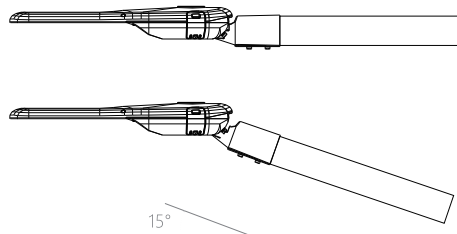
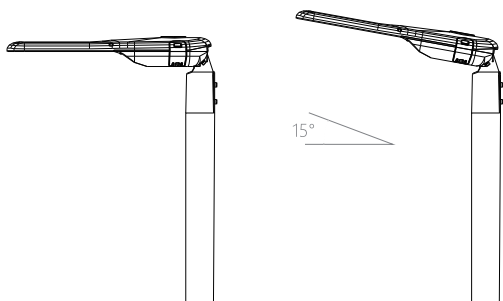
## Product Details



## Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable angles: from  $-15^{\circ}$  to  $+15^{\circ}$ ,  $5^{\circ}$  at a time.

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



ASL27 Technical Data

|                            |                                                              |
|----------------------------|--------------------------------------------------------------|
| LED Chip Brand             | Lumileds   Cree   Epistar plus                               |
| LED Chip Type              | SMD3030   SMD5050                                            |
| Luminous Efficacy          | 200LM/W                                                      |
| Color Rendering Index (RA) | > 70   80   90                                               |
| Color Temperature          | 2200K-6500K                                                  |
| Beam Angle                 | Type I   Type II   Type III                                  |
| Number Of Lens             | A:4 Pcs   B:6 Pcs   C:9 Pcs   D:12 Pcs   E:20 Pcs   F:25 Pcs |
| Life Time (LM-80)          | 100000 Hours                                                 |

Electrical Parameters

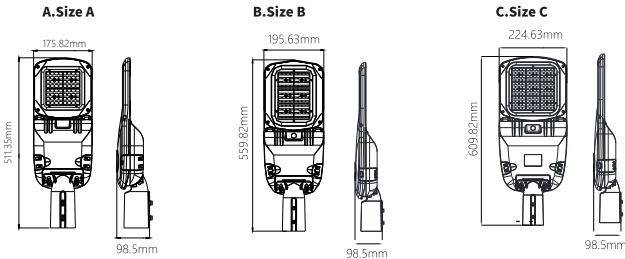
|                           |                             |
|---------------------------|-----------------------------|
| Power A                   | 10W-50W                     |
| Power B                   | 60W-80W                     |
| Power C                   | 90W-120W                    |
| Power D                   | 130W-160W                   |
| Power E                   | 170W-250W                   |
| Power F                   | 260W-320W                   |
| Voltage                   | AC85-305V                   |
| Frequency                 | 50/60Hz                     |
| Electrical Security Class | Class I   Class II          |
| Work Temperature          | (-30 °C to 50 °C)           |
| IP Grade                  | IP65   IP66                 |
| IK Grade                  | IK08   IK09   IK10          |
| SPD                       | 10KV   20KV (Optional)      |
| Socket                    | NEMA / Top and Bottom Zhaga |

Driver

|              |                                                        |
|--------------|--------------------------------------------------------|
| Brand        | Philips   Inventronics   Meanwell   Sosen   Moso   OEM |
| Power Factor | > 0.95                                                 |
| Performance  | > 90%                                                  |
| IP Grade     | IP20 to IP67                                           |
| THD          | < 12%                                                  |

Materials and Properties

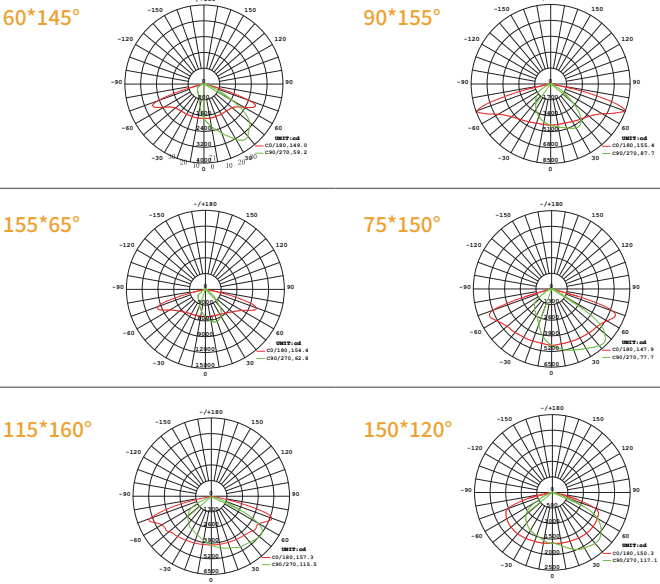
|                    |                                                 |
|--------------------|-------------------------------------------------|
| Material Of Shell  | Aluminum (ADC12) + Tempered Glass               |
| Material Of Lens   | PMMA   PC                                       |
| Color Of Lens      | Transparent / Amber                             |
| Color Of Shell     | RAL 9002   RAL7040 etc (customized by customer) |
| Pole diameter (mm) | 60                                              |
| Size A (mm)        | 511.35*175.82*98.5                              |
| Size B (mm)        | 559.82*195.63*98.5                              |
| Size C (mm)        | 609.82*244.63*98.5                              |
| Size D (mm)        | 660.82*244.63*98.5                              |
| Size E (mm)        | 711.82*299.63*98.5                              |
| Size F (mm)        | 714.3*340*98.5                                  |



Tested according to

|        |                                                                                                                                                                |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ENEC   | EN 60598-2-3:2003 + A1:2011<br>EN IEC 60598-1:2024 + A11:2024<br>EN IEC 62031:2020+A11:2021<br>EN 62262:2002+A1:2021                                           |
| CB     | IEC 60598-2-3:2002/AMD1:2011<br>IEC 60598-1:2024                                                                                                               |
| CE-LVD | EN 60598-2-3:2003+A1:2011<br>EN IEC 60598-1:2024 + A11:2024<br>EN IEC 62031:2020+A11:2021<br>EN 62262:2002+A1:2021<br>EN 62493:2015+A1:2022                    |
| CE-EMC | EN IEC 55015:2019+A11:2020:<br>EN IEC 61547:2023<br>EN IEC 61000-3-2:2019+ A1: 2021+A2:2024:<br>EN 61000-3-3:2013+A1:2019+A2:2021                              |
| 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



Mounting Height

