



ASL31

LED Street Light Series



MAIN APPLICATIONS



ROADS & MOTORWAYS



TUNNELS & UNDERPASSES



LARGE AREAS



INDUSTRIAL HALLS & WAREHOUSES



ACCENT & ARCHITECTURAL



CAR PARKS

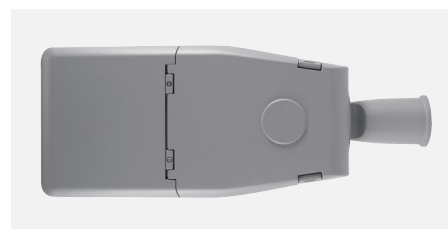
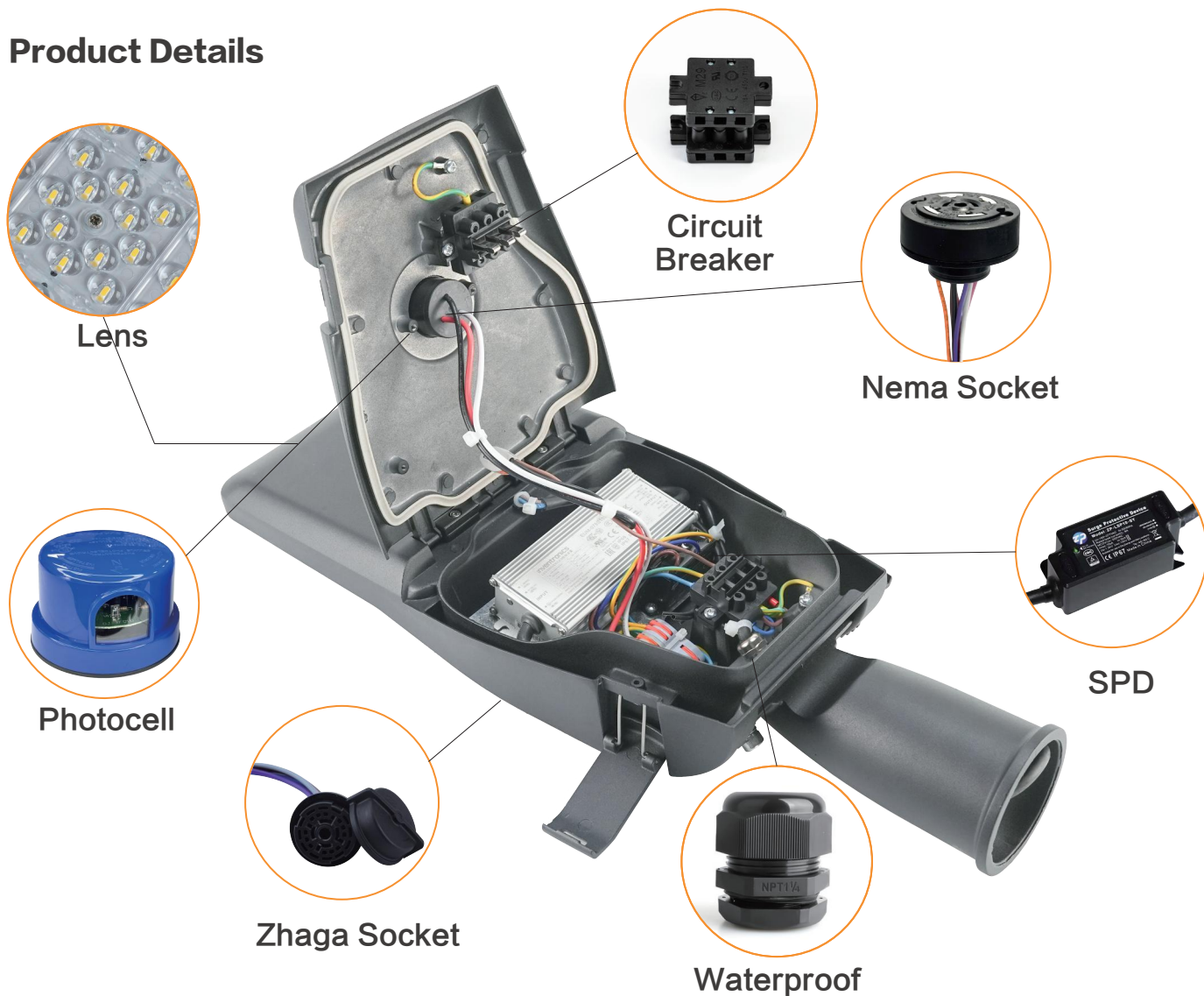


RAILWAY STATIONS & METROS

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

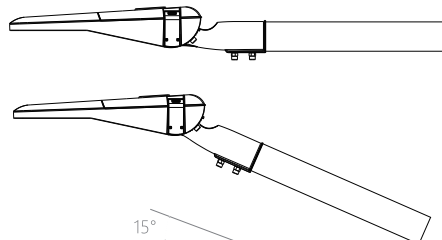
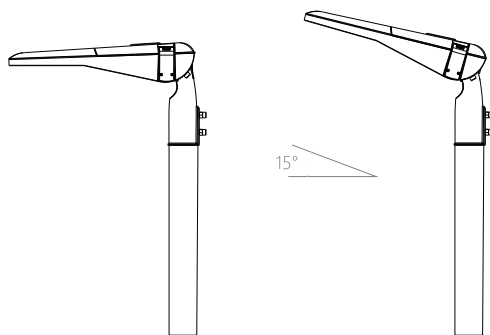
Product Details



Installation Diagram

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



ASL31 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:16 Pcs F:20 Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

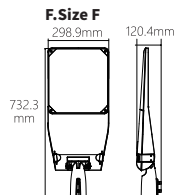
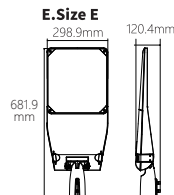
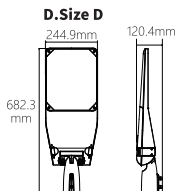
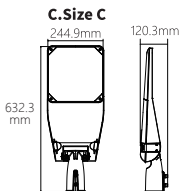
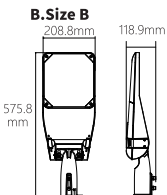
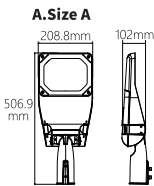
Power A	10W-50W
Power B	60W-80W
Power C	90W-120W
Power D	130W-160W
Power E	170W-200W
Power F	210W-240W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65 IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)
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 76
Size A (mm)	506.9*208.8*102
Size B (mm)	575.8*208.8*118.9
Size C (mm)	632.3*244.9*120.3
Size D (mm)	682.3*244.9*120.4
Size E (mm)	681.9*298.9*120.4
Size F (mm)	732.3*298.9*120.4



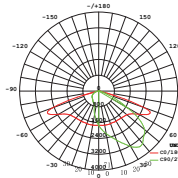
Tested according to

ENEC	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021
CB	IEC 60598-2-3:2002/AMD1:2011 IEC 60598-1:2024
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

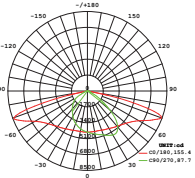


Typical Photometric Features

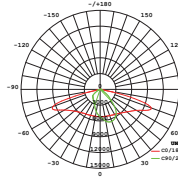
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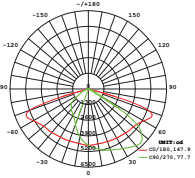
90°155°



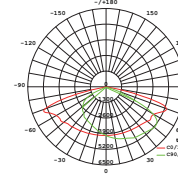
155°65°



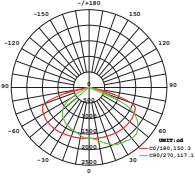
75°150°



115°160°



150°120°



Mounting Height

