



LED Street Light

LSL 23

TERCEL SERIES



Advantages

- Efficiency:190Lm/W
- Tool-free access to driver compartment
- Die-casting aluminum body with anti-corrosion powder painting
- Enlarged electrical compartment to fit all internal and external accessories

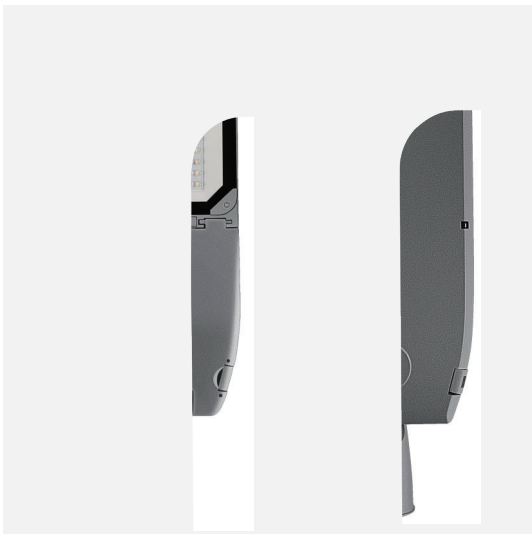
By changing the beam angle of lens, different light distribution can be achieved for different roads and scenarios. With a wide range of beam light options, LSL23 provide an energy-saving solution for each urban area. Compatible with NEMA and Zhaga socket, it can connect photocell, motion sensor and single light controller.



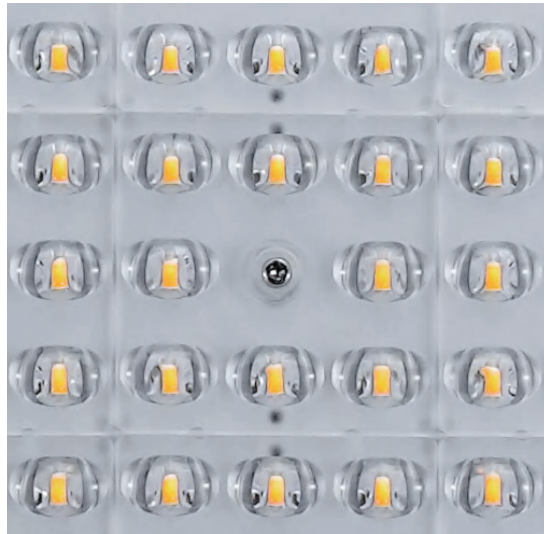
Product Details



Tool-free



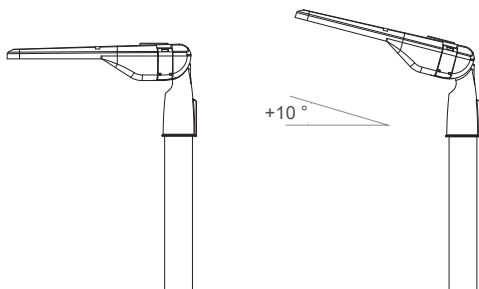
Display



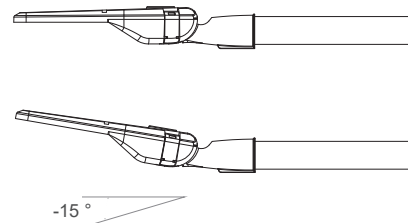
Lens

Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable angles: from -15° to $+10^\circ$, 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.



| | |
|----------------------------|--|
| LED Chip Brand | Lumileds Cree Epistar plus |
| LED Chip Type | SMD3030 SMD5050 |
| Luminous Efficacy | 190LM/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 |
| Life Time | 100000 Hours |

Electrical Parameters

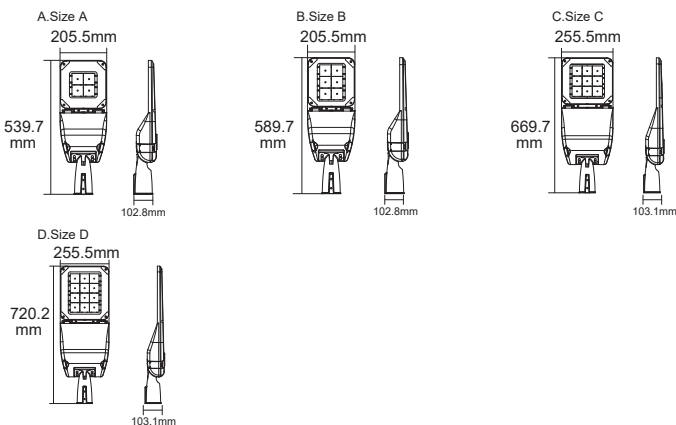
| | |
|---------------------------|------------------------|
| Power A | 10W-50W |
| Power B | 50W-80W |
| Power C | 90W-150W |
| Power D | 150W-200W |
| Voltage | AC85-305V |
| Frequency | 50/60Hz |
| Electrical Security Class | Class I Class II |
| Work Temperature | (-30 °C to 50 °C) |
| Humidity | 10 % to 90% |
| IP Grade | IP65 IP66 |
| IK Grade | IK08 IK09 IK10 |
| SPD | 10KV 20KV (Optional) |

Driver

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

Materials and Properties

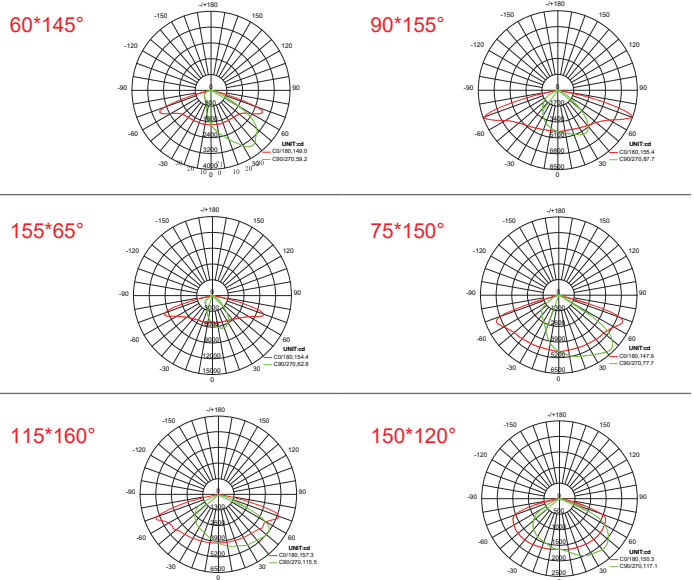
| | |
|--------------------|---|
| Material Of Shell | Aluminum (ADC12) + Tempered Glass |
| Material Of Lens | PMMA PC |
| Color Of Lens | Transparent / Amber |
| Color Of Shell | RAL 9002 RAL7040 etc (customized by customer) |
| Pole diameter (mm) | 60 |
| Size A (mm) | 539.7*205.5*102.8 |
| Size B (mm) | 589.7*205.5*102.8 |
| Size C (mm) | 669.7*255.5*103.1 |
| Size D (mm) | 720.2*255.5*103.1 |



Tested according to

| | |
|--------|--|
| ENEC | EN 60598-2-3:2003+A1:2011 used in conjunction with EN IEC 60598-1:2021, EN 62262:2002 |
| CB | IEC 60598-2-3:2002+A1 IEC 60598-1:2020 IEC 60598-2-3:2002, IEC 60598-2-3:2002/AMD1:2011 used in conjunction with IEC 60598-1:2020 |
| CE-LVD | EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015 |
| CE-EMC | EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 |
| 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



Mounting Height

