



LED Street Light

LSL 05



CE ErP



Advantages

- Efficiency:190Lm/W
- Top brands 3030/5050 SMD light source
- Die-casting aluminum body with anti-corrosion powder painting
- Moisture tolerant level IP66

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, LSL05 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



Back Details



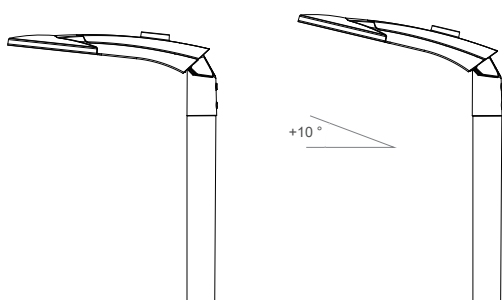
Display



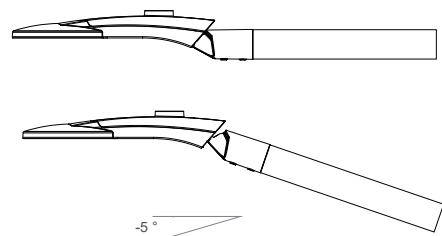
Lens

Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable angles: from -5° 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:9 Pcs C:16 Pcs
Life Time	100000 Hours

Electrical Parameters

Power A	10W-80W
Power B	70W-120W
Power C	130W-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)
Socket	NEMA / Top and Bottom Zhaga

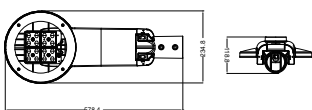
Driver

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

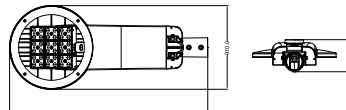
Materials and Properties

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)	578.4*234.8*118.8
Size B (mm)	733.9*310*118.8
Size C (mm)	808.9*385*118.8

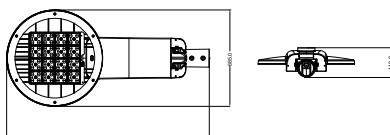
A. Size A



B. Size B



C. Size C

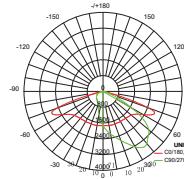


Tested according to

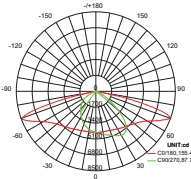
CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017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

Typical Photometric Features

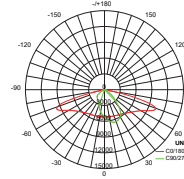
60°*145°



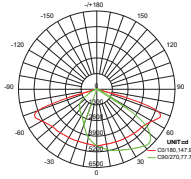
90°*155°



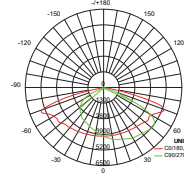
155°*65°



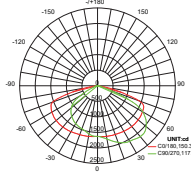
75°*150°



115°*160°



150°*120°



Mounting Height

