

LED Street Light

LSL 44-PRO



CE ErP



Advantages

- Efficiency:180Lm/W
- Installation tilt angle from -10° to $+10^{\circ}$ both vertically and horizontally
- Extra 10KV and 20KV surge protector optional
- Motion sensor/ light sensor optional

With a wide range of beam light options, LSL44-PRO provide an energy-saving solution for each illuminating scenarios. Compatible with NEMA and Zhaga socket, it can connect photocell, motion sensor and single light controller.



Back Details



Side



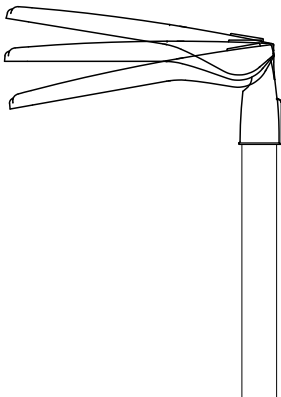
Display



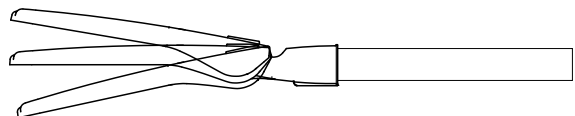
Lens

Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable angles: from -10° 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	180LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A:4/6 Pcs B:9 Pcs C:15 Pcs D:20Pcs
Life Time	100000 Hours

Electrical Parameters

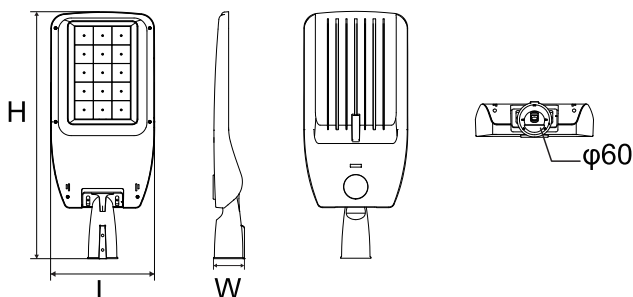
Power A	10-60W
Power B	70-120W
Power C	130-180W
Power D	190-240W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08 IK09
SPD	10KV 20KV (Optional)
Socket	NEMA / Top and Bottom Zhaga

Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP65 to IP67
THD	< 12%

Materials and Properties

Material Of Shell	Aluminum (ADC12) + 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)	507*213*85
Size B (mm)	562*262*85
Size C (mm)	672*283*85
Size D (mm)	717*333*85



Tested according to

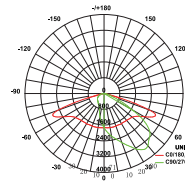
CE-LVD EN 60598-2-3:2003 + A1:2011
EN IEC 60598-1:2012
EN 62471:2008
EN 62493:2015

CE-EMC EN 55015:2013+A1:2015
EN 61547:2009
EN IEC 61000-3-2:2019
EN 61000-3-3:2013+A1:2019

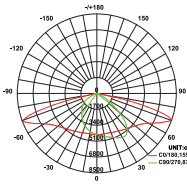
ROHS IEC62321-1:2013, IEC62321-3-1:2013
IEC62321-4:2013/AMD1:2017
IEC62321-5:2013, IEC62321-6:2015
IEC62321-7-1:2015, IEC62321-7-2:2017
IEC62321-8:2017

Typical Photometric Features

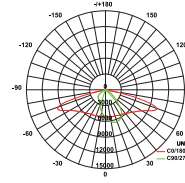
60°*145°



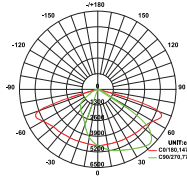
90°*155°



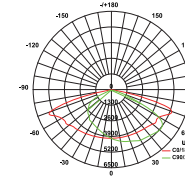
155°*65°



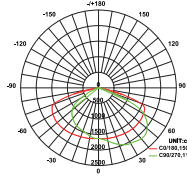
75°*150°



115°*160°



150°*120°



Mounting Height

