

CE

ErP



- **BRAND LED LAMP BEADS**

HIGH BRIGHTNESS,HIGH COLOR RENDERING, LONG LIFESPAN

- **BREAKER**

THE DRIVER ROOM IS EQUIPPED WITH A SAFETY SWITCH TO ENSURE THE SAFETY OF THE INSTALLATION AND MAINTENANCE PERSONNEL

PENGUINE SERIES

ASL15

ASL15 PENGUINE SERIES are the best outdoor street lamp choice against water, rain and thunder. Moreover, it's easy to install and suitable for different applications because of its medium wide light distribution. In normal working conditions, the innovative street lights PENGUINE outdoor Street Lamp can reach 130 lm/w. At the same time it is subdivided into 5 different sizes, which can save the investment cost of street lamps. With perfect price and high performance, it achieves IP66 protection level and anti-collision level IK08. And the customized commercial street lights can reach IK09 anti-collision grade. Also it supports changing the lens angle to achieve different light distribution types. Again this modal supports the installation of built-in light sensors, installation of NEMA bases and Zhaga bases. And it's compatible with all external controllers, motion sensors, and external light sensors.



Technical Data

Led Module

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	140LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2400K 2700K 3000K 4000K 5000K
Beam Angle	Type I Type II Type III
Number Of Lens	A:4Pcs B:6Pcs C:8Pcs D:15Pcs E:18Pcs

Electrical Parameters

Power A	30W 40W
Power B	50W 60W
Power C	80W 100W
Power D	120W 150W
Power E	180W 200W
Voltage	AC100-277V
Frequency	50/60Hz
Electrical Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Brand	Philips Inventronics Sosen OEM
Power Factor	>0.9
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 15%

Materials and Properties

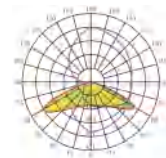
Material Of Shell	Aluminum(ADC07)+Optical Glass
Material Of Lens	PMMA PC
Pole diameter (mm)	AB:40 CDE:60
Size A (mm)	420*180*100
Size B (mm)	470*180*110
Size C (mm)	560*240*115
Size D (mm)	690*280*130
Size E (mm)	740*280*130

Tested according to

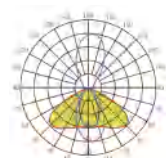
CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017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

Typical photometric features

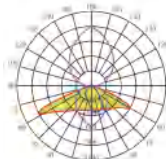
L100×60



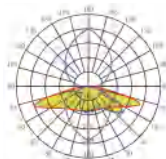
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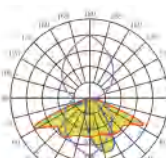
L143×50



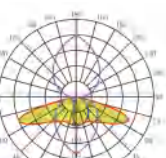
L142×64



L147×72

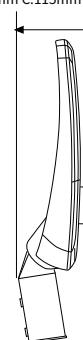
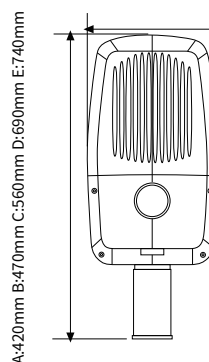


L150×80



A:180mm B:180mm C:240mm D:280mm E:280mm

A:100mm B:110mm C:115mm D:130mm E:130mm



Color

■ Dark Grey



■ Grey



■ Dark Grey



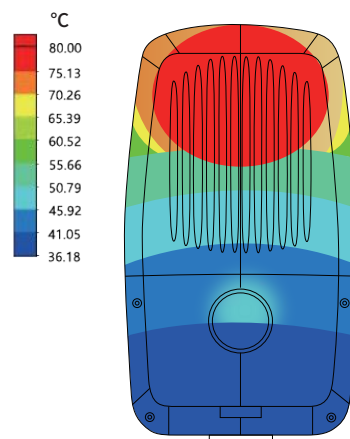
■ Grey



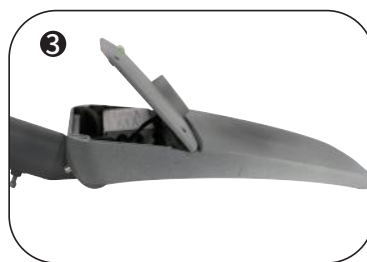
工作溫度範圍



溫度分布圖



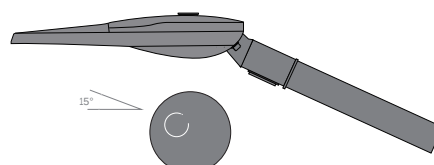
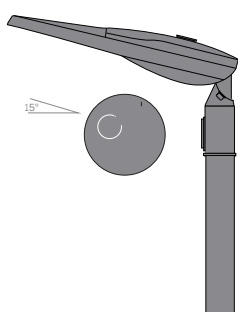
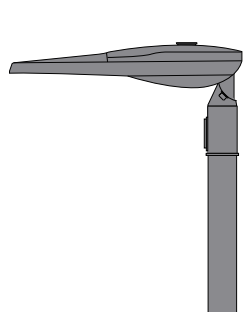
安裝步驟



安裝角度

It can be installed horizontally and vertically as shown in the figure. Wide adjustment of the inclination: from -15° to $+15^{\circ}$ in the step of 2.5°

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



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