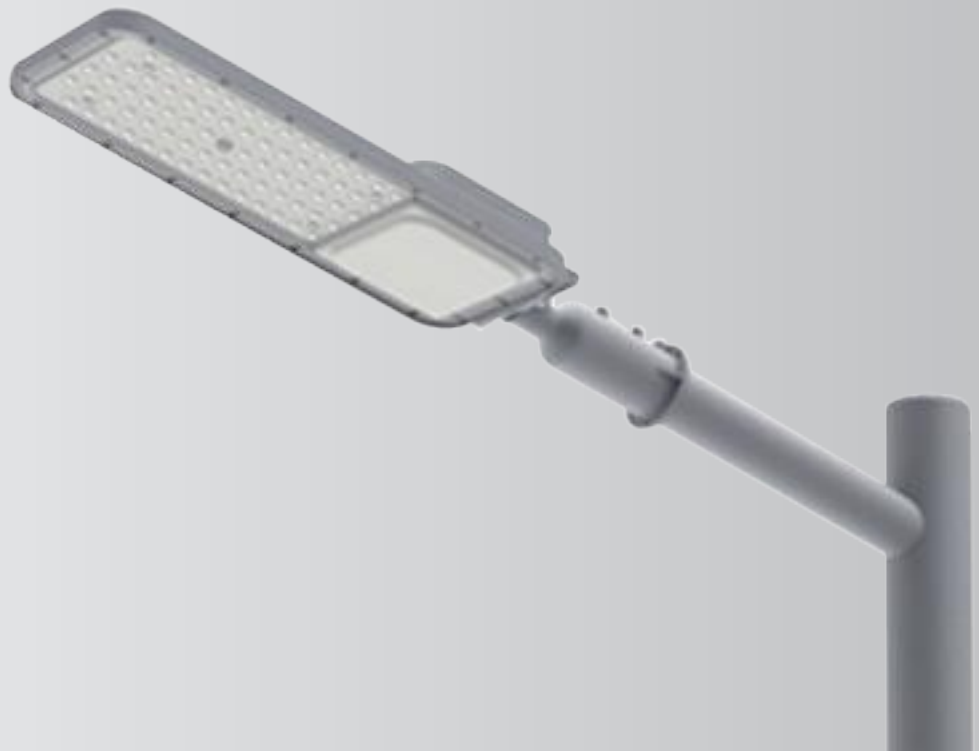


CE

ErP



LEOPAED SERIES

ASL48

- **BRAND LED LAMP BEADS**

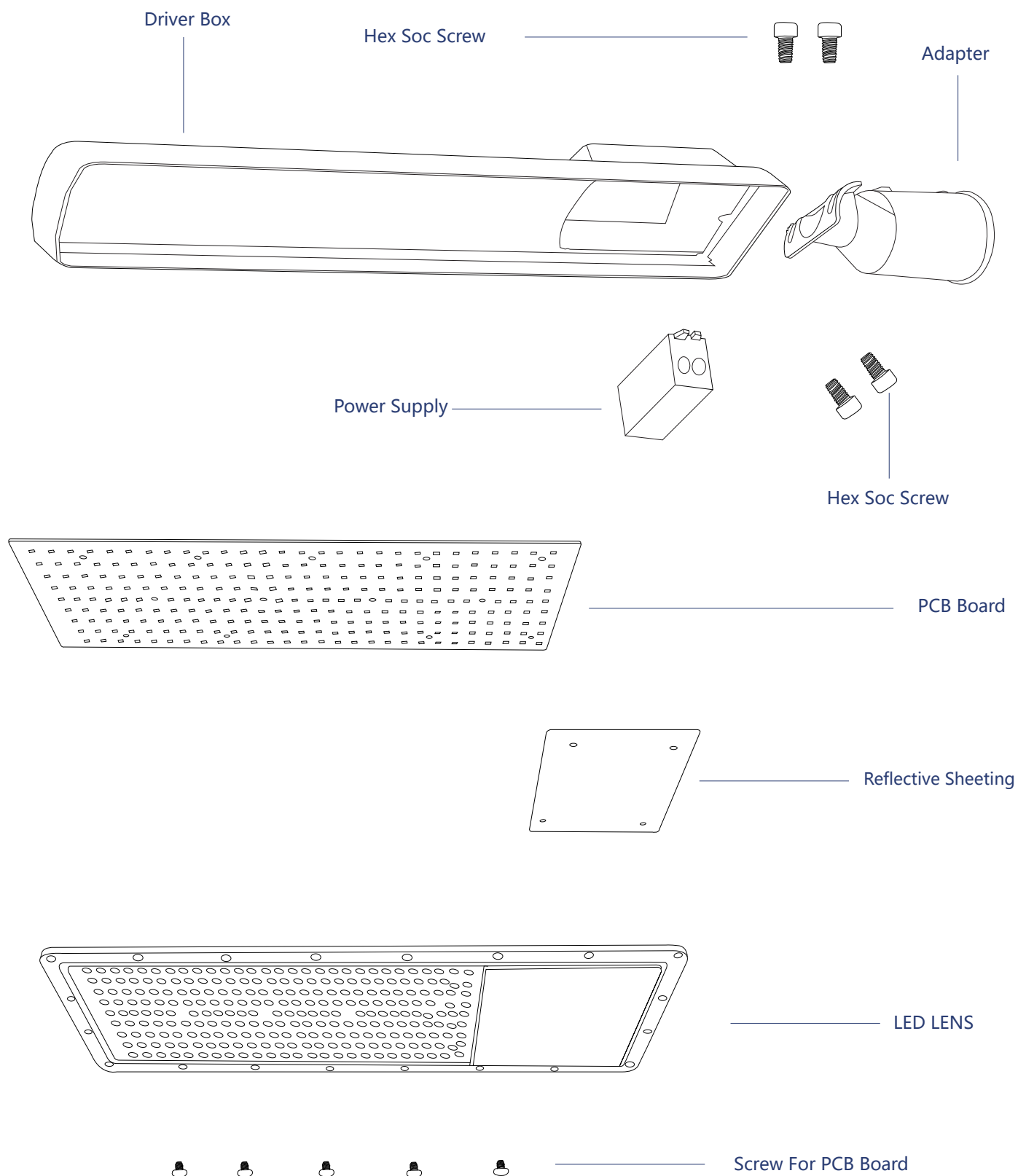
HIGH BRIGHTNESS,HIGH COLOR RENDERING, LONG LIFESPAN

- **SHAPE**

COME WITH COMPACT EXTRA SLIM SHAPE ENSURE EASY INSTALLATION AND HIGH PERFORMANCE

ASL48 Street Light Series are street lamps based on Philips high efficacy LEDs . This model contains three sizes corresponding to different power requirements ABC. It also comes with linear solution, DOB, non-isolation and isolation, four mainstream LED schemes. The ASL48 Street Light has a small, thin shell, with IP65 and IK08 protection levels. So it can be easy to install and perform super high performance even in windy areas. The new generation of ASL48 is a relatively perfect street lamp product, with high performance and low cost. Its ABC three sizes come with connecting cross of 60mm diameter, to meet the needs of small power and large caliber. And the angle of its connection cross can be adjusted, also it meets the vertical installation at the same time, adapting to use in different environment. ASL48 Street Light can be used with a built-in brightness sensor to automatically turn off the LED during the day, and automatically turn on at night, to save electricity when meeting the brightness, which is suitable for use in all environments.

Product Details



Technical Data

Led Module

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD2835 SMD3030
Luminous Efficacy	110LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2400K 2700K 3000K 4000K 5000K
Beam Angle	80° × 130°
Number Of Leds	A:72 Pcs B:144 Pcs C:216Pcs D:288Pcs
Life Time	100000 Hours

Electrical Parameters

Power A	50W 60W
Power B	100W 120W
Power C	150W
Power D	180W 200W
Voltage	AC100-277V
Frequency	50/60Hz
Electrical Class	Class I
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Driver Type	Linear DOB Non-Isolated Isolated
Power Factor	>0.90
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 15%

Materials and Properties

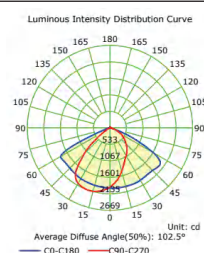
Material Of Shell	Aluminum (ADC12)
Material Of Lens	PMMA PC
Color Of Shell	RAL 9022 RAL7040 etc
Pole diameter (mm)	60
Size A (mm)	448.6*143.8*100
Size B (mm)	511*165.5*100
Size C (mm)	617.3*207*100
Size D (mm)	687.5*234.6*100

Tested according to

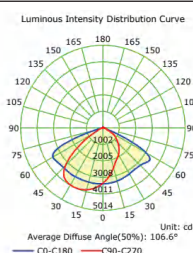
CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017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

Typical photometric features

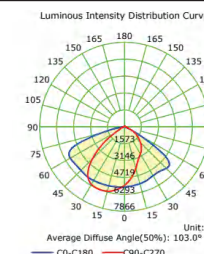
50W



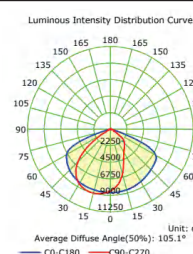
100W



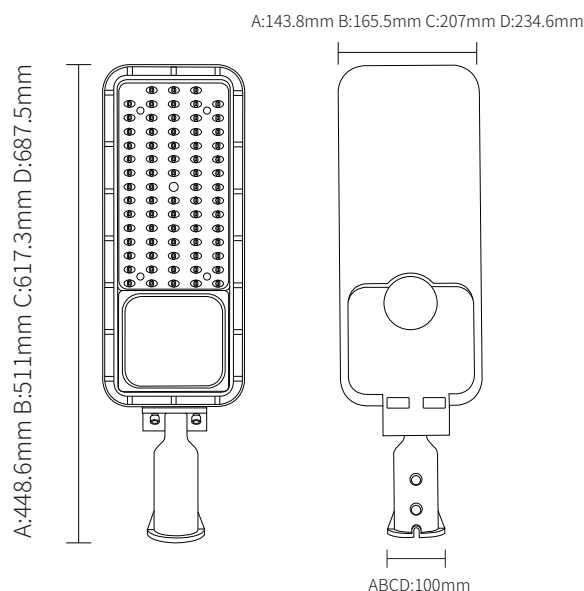
150W



200W



Dimensiones



Color

■ Black



■ Grey



■ Black



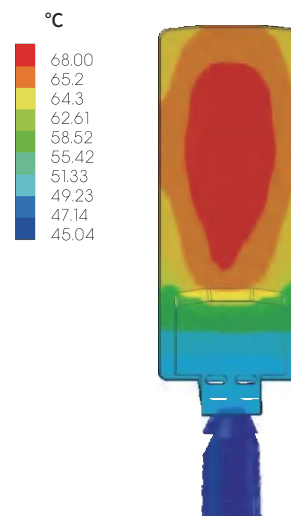
■ Grey



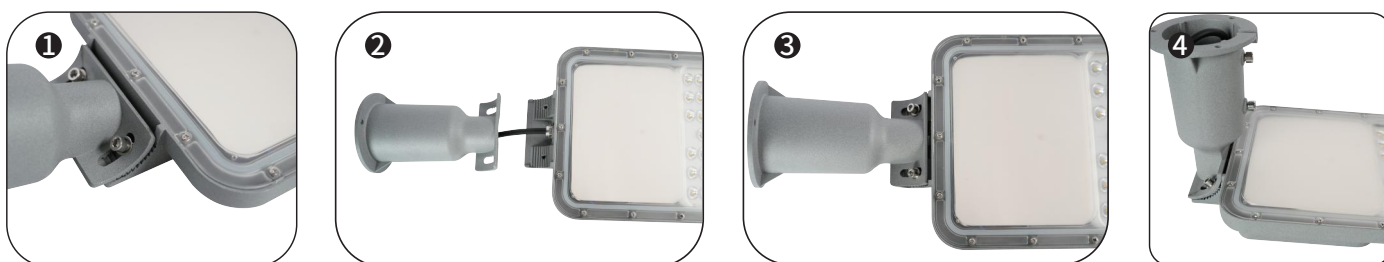
Ambient Temperature



Working Temperature



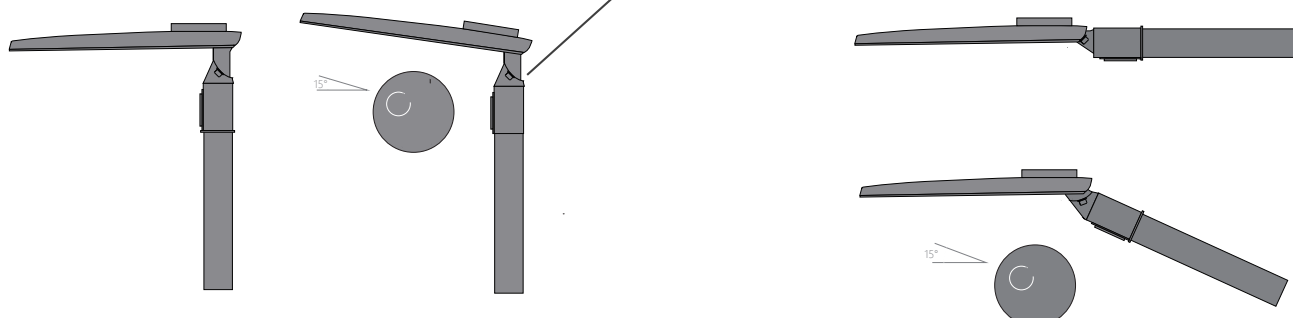
Split Diagram



Installation Diagram

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.



LEOPAED SERIES

ASL48 Pro

Application

