DAWN
LIGHTING

SPLIT SOLAR STREET LIGHT

【PRODUCT ADVANTAGES】

PRODUCT FEATURES

Flexible configuration:
Can be flexibly configured according to different installation environments and needs, such as adjusting the size of solar panels and battery capacity to adapt to the lighting conditions in different regions.

Efficient and energy-saving:
The split design allows the solar panels to adjust their position according to the lighting conditions, maximizing the light energy conversion efficiency, thereby improving energy utilization efficiency.

Easy maintenance:
Each component is independent for easy maintenance and replacement, such as adjusting the angle of the lamp head to optimize the illumination effect.

High Quality

Super Brightness

3-4 Cloudy/
Rainy Days

Dimming setting

Multiple installation

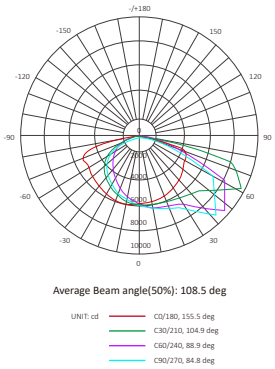
IP65 Waterproof

Specifications

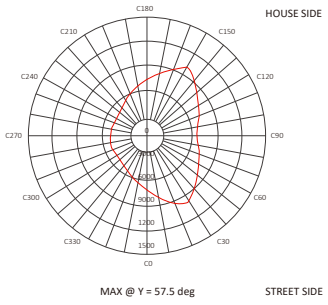
Optical Data

Power	15-30W
LED Chips	Lumileds/CREE
Luminous Efficacy	Up to 180 lm/w
CCT	2700K-6500K
Beam Angle	140°
CRI （Ra）	70+/80+

INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM



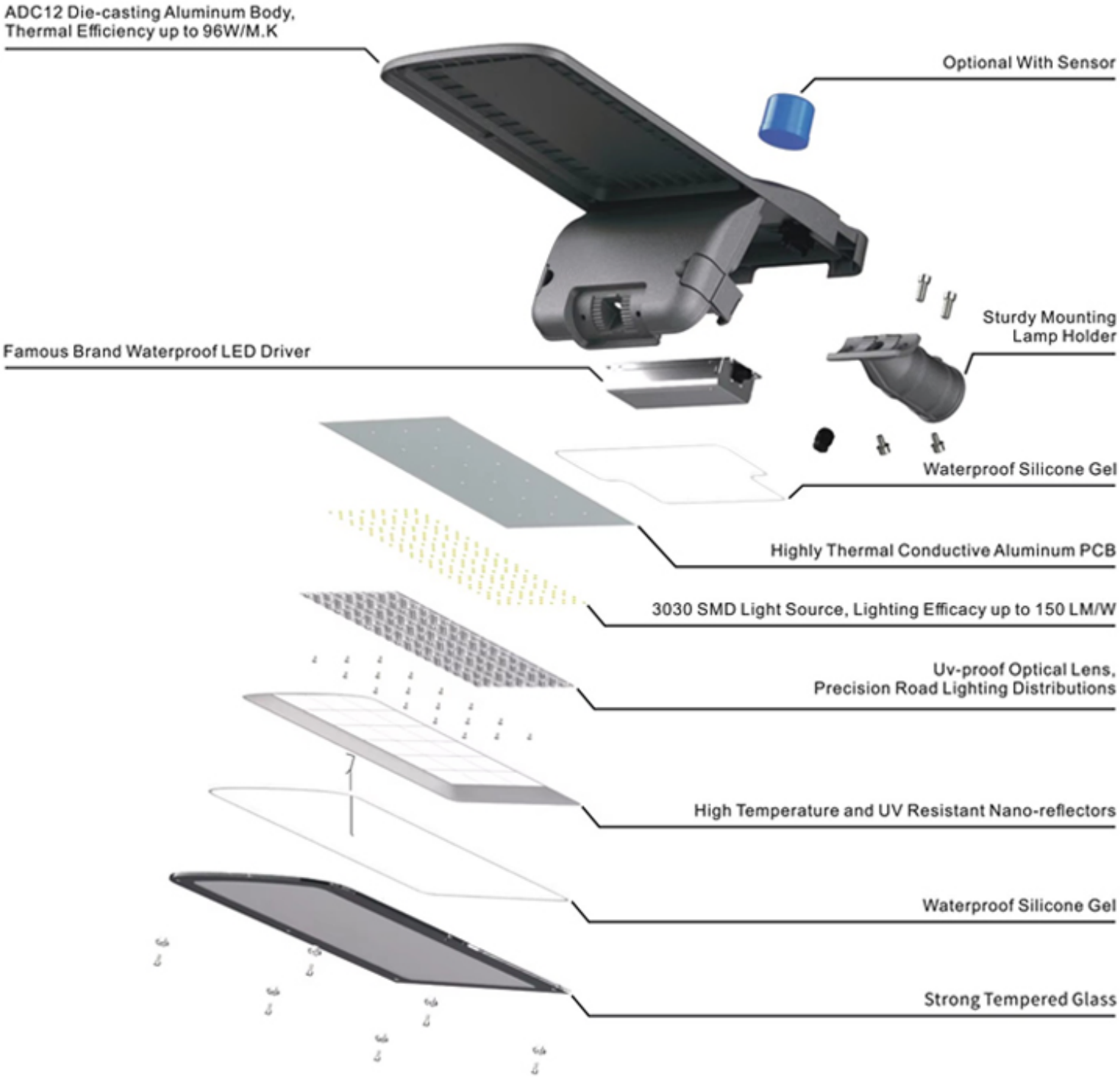
Electrical Data

Driver	Meanwell/Sosen
Input Voltage	12.8V/36AH
Power Factor	＞0.95
Mono Solar Panel	18V/80W
Working Time	12H, 3 cloudy/rainy days
Charging Time	8-10H
Controller	MPPT 10A solar controller
Driver Efficiency	92%

Others

IP Rating	IP66
Working Temperature	-25˚C-+65˚C
PIR Sensor	15-20M
Housing	Die-casting aluminum
Housing Color	Black/grey
Lifespan	50,000Hrs
Mounting Height	6-7M
product Size	1190*370 mm
Warranty	3 years

【PRODUCT DISASSEMBLY】



【PRODUCT DETAILS】

LED CHIPS

High brightness LED chips produce more light using less power.

DIE-CASTING ALUMINUM HOUSING

Good heat dissipation performance;
Durable and corrosion-resistant.

POWER-OFF PROTECTION

Power would automatically be off once the fixture body opened.

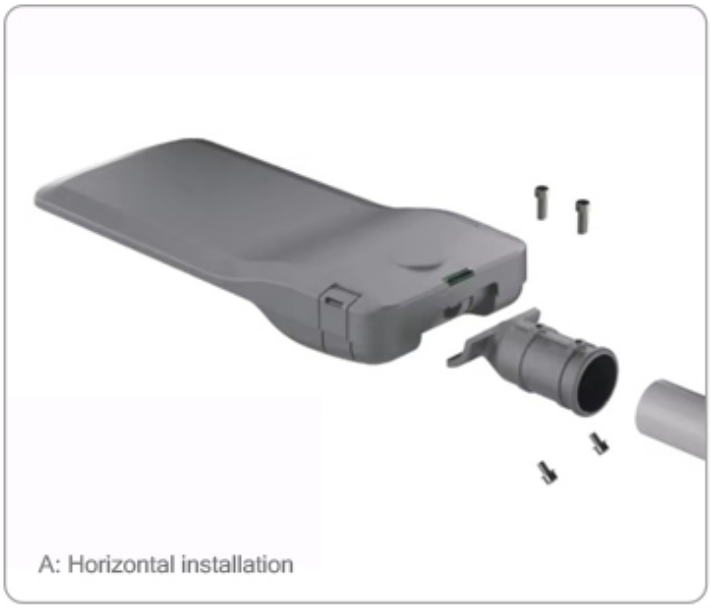
TOOL FREE OPENING

which can save too much labor cost and time, time is money easy maintenance, bulkie for fixing heating sink, opening without tools.

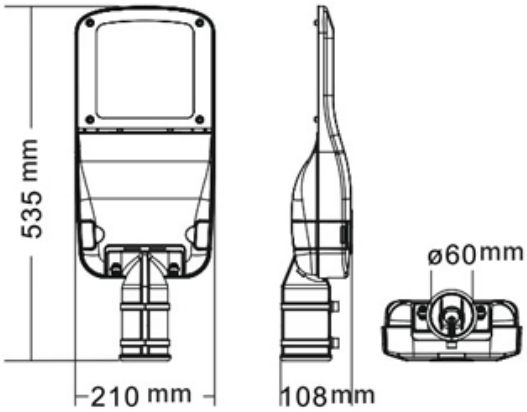
Automatic
charging
during the day
for 4-6h

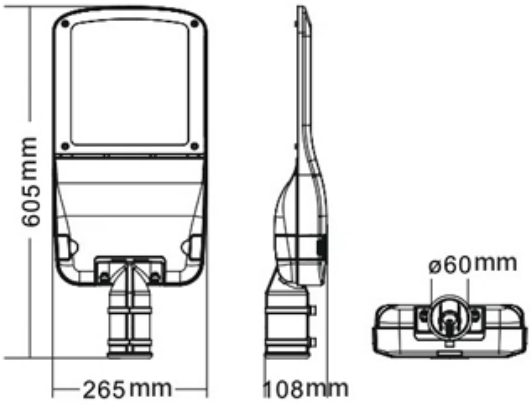
Light up
whole night
Illumination
time max 50h

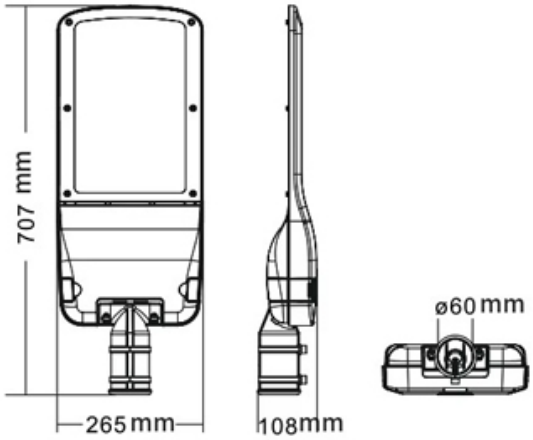
【INSTALLATION TYPE】

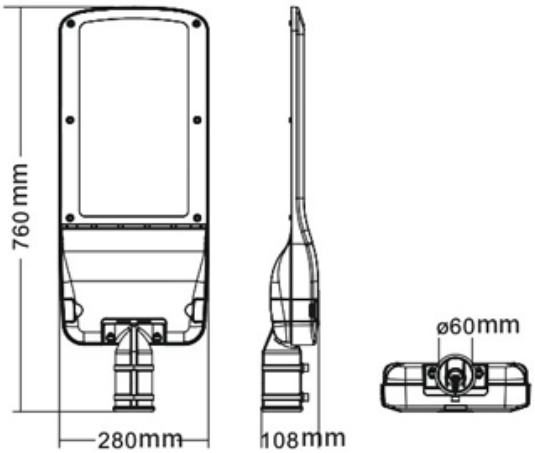


【PRODUCT SIZE】









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