



LUXMAN



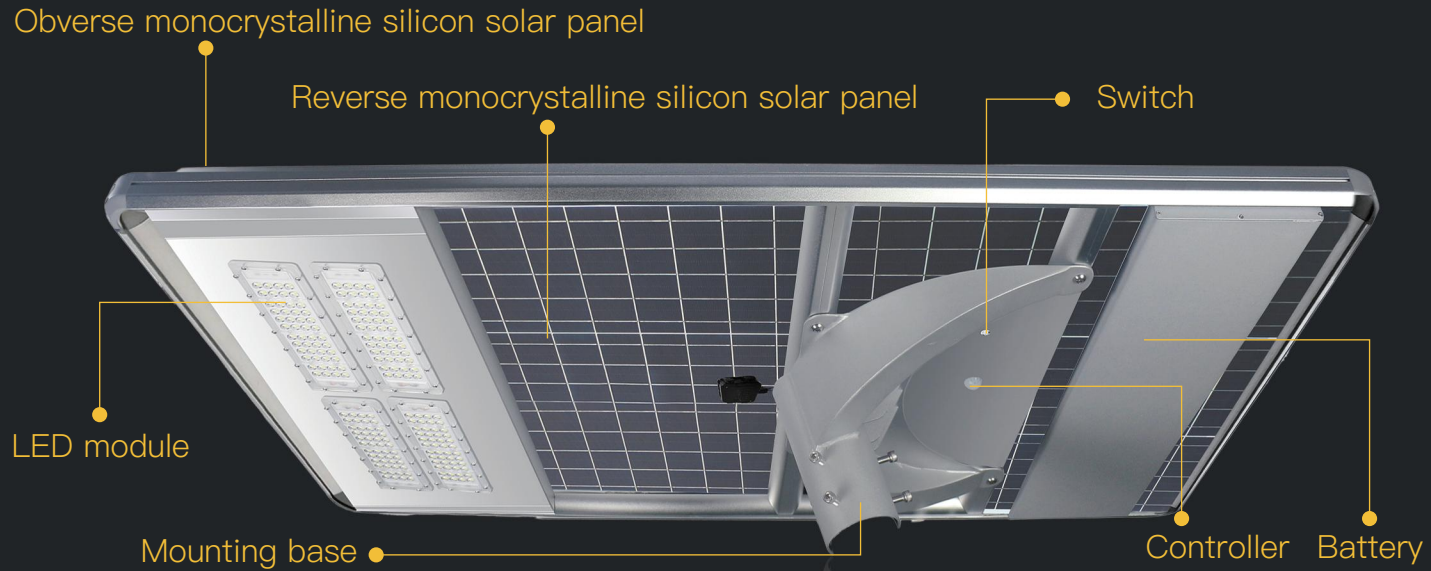
# ATTOOTRIC

Solar Street Light



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🌐 [www.luxmanlight.com](http://www.luxmanlight.com)



Attootric 100% Solar Powered Streetlight: a cutting-edge, off-grid lighting solution designed for large-scale road applications such as highways, major ports, and construction sites.

With an impressive system lumen output ranging from 15,000lm to 20,000lm, this high-lumen streetlight delivers exceptional brightness and visibility. Luxman Attootric solar streetlights are equipped with advanced double-sided high-efficiency solar panels, ensuring maximum energy absorption and utilization.

Additionally, the innovative high temperature protection design enables seamless installation even in hot climates, including the Middle East and other high-temperature regions.

**LUXMAN**

**APPLICATIONS**

Reliable choice for your project



High Brightness, Smart Power Consumption.  
Low Maintenance Design, Easy to replace the battery.  
Hollow panel makes better ventilation and heat dissipation effect.

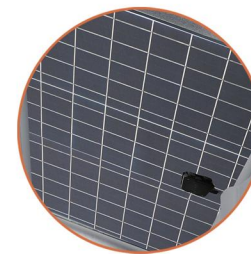




Using ultra-high brightness  
of SMD5050 LED chips.



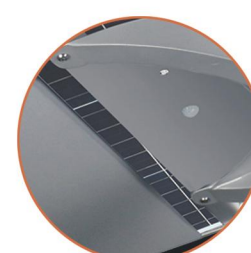
Die-casting round corner built-in  
in lamp body. no sharp corners,  
attractive appearance.



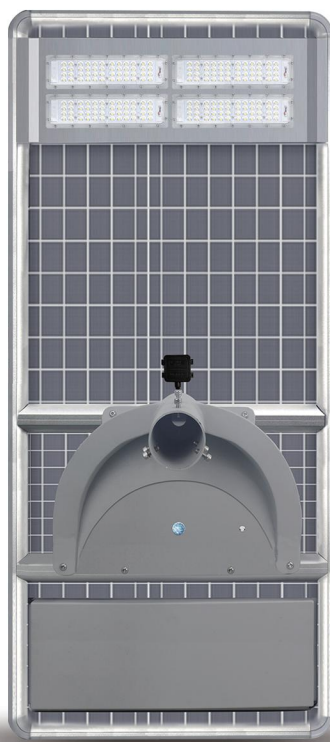
Hollowing panel makes better ventilation  
and heat dissipation effect, and higher power generation  
performance.



Adopting MPPT controller makes  
charging efficiency 30% higher  
than conventional PWM type.



Easy to replace the batteries,  
More stable lamp body and resistant to wind



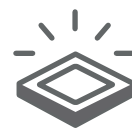
## INTRODUCTION TO MATERIALS USEF



Imported solar panels,  
ultra high conversion rate



Customizing battery box,  
waterproof, high and low  
tem-perature resistance.



Imported lamp LEDs,  
long lifespan

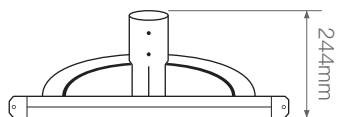


Integrated in one design,  
easy installation  
and maintenance.

Model	AT-LD80W	AT-LD100W	AT-LD120W
Power	80W	100W	120W
Lumens	15000lm	18000lm	22000lm
LED type	5050 Bridgelux	5050 Bridgelux	5050 Bridgelux
LED QTY	192PCS	288PCS	384PCS
CCT(K)	6000K-7000K(OEM)	6000K-7000K(OEM)	6000K-7000K(OEM)
CRI	>70	>70	>70
Beam angle	140*70°	140*70°	140*70°
PV Module	36V 170W Mono	36V 200W Mono	36V 240W Mono
Battery	25.6V 30AH	25.6V 45AH	25.6V 60AH
Lighting mode	3 Hours 100% brightness	2 Hours 70% brightness	7Hours 30% brightness
Operation mode	Timing	Timing	Timing
Charging time	6-8 Hours	6-8 Hours	6-8 Hours
Discharging time	12hours	12hours	12hours
Mounting height	10M	11M	12M
Mounting type	Pole Mount	Pole Mount	Pole Mount
Pole diameter	80mm	80mm	80mm
Distance of poles	20-30M	20-30M	20-30M
Warranty	3 Years	3 Years	3 Years
Operating Temperature	-20~60°C	-20~60°C	-20~60°C
Maximum Autonomy	2-3 rainy days	2-3 rainy days	2-3 rainy days

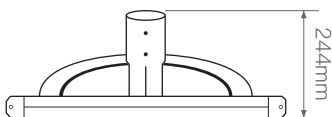
**AT-LD120W**

22000lm



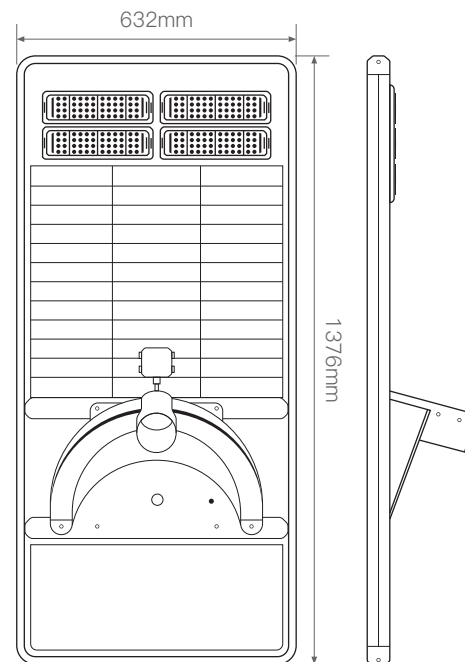
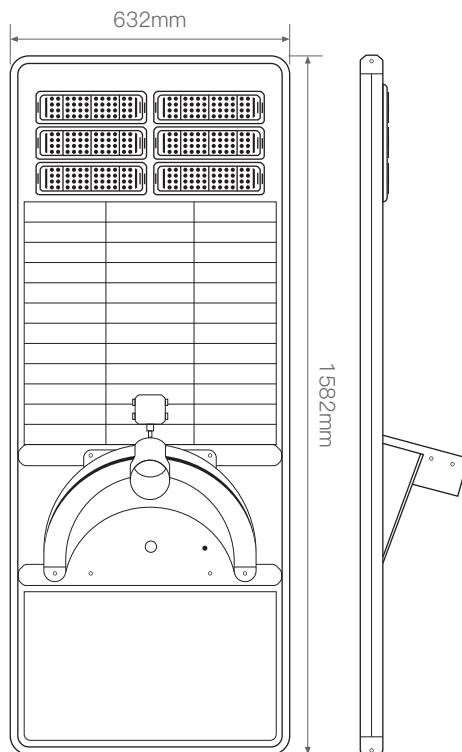
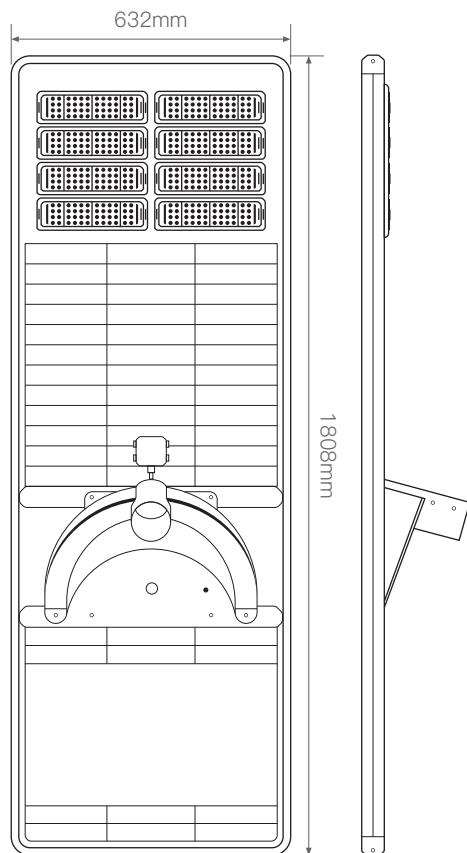
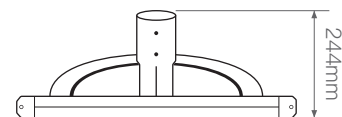
**AT-LD100W**

18000lm



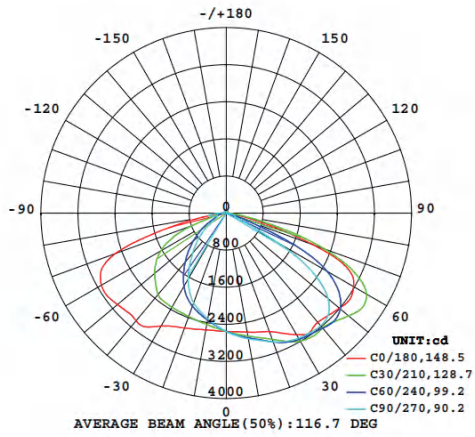
**AT-LD80W**

15000lm

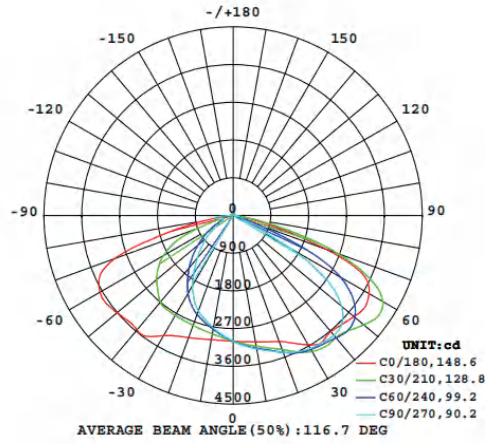




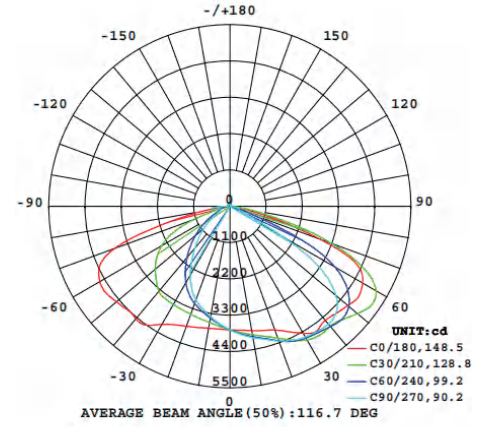
## LIGHT DISTRIBUTION



AT-LD80W



AT-LD100W



AT-LD120W

## ROAD LIGHTING SIMULATION

