



Angel Eyes II Solar Street Light Solar Courtyard Light

Angel Eyes solar lights absorb energy from our sun and turn it into area illumination when it is dark. Their integrated photo voltaic module, micro controller and lithium battery combine with high output LEDs and a human infrared sensor to achieve multiple features such as low power consumption with high luminance. Their design delivers a long lifespan with minimal maintenance and provides a complete solution for off-grid or remote applications. IP65 rated components ensure endurance against harsh weather and keep Angel Eyes solar lights free from corrosion and premature failure. Leadsun wishes your enjoyment of this highly innovative product and thanks you for helping conserve this planet's resources by using products that reduce the consumption of earth's resources.

Features and Benefits

- Patent pending integrated design.
- Solar powered outdoor lighting
- Easy installation. No cable needed.
- Using LifePO4 battery to prolong product life and protect environment.
- Light output can be adjusted automatically by a built-in infrared sensor.
- Modularity design. Easy assemble and maintenance.
- Compact volume and light weight design saves freight cost and installation cost
- Rust-proof, dustproof and waterproof.
- Safety and reliability.
- Three years warranty.

Technical Data of **Solar Street Light**

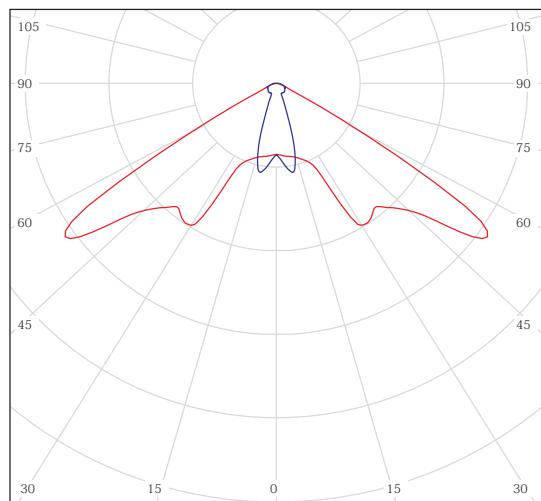
P/N	AST1205M	AST1208M	AST1805M	AST1808M	AST2505M	AST2510M	AST3612M	AST3616M	
Physical Specification									
Light Source	5W LED lamp	8W LED lamp	5W LED lamp	8W LED lamp	5W LED lamp	10W LED lamp	12W LED lamp	16W LED lamp	
Solar Module	12W	12W	18W	18W	25W	25W	36W	36W	
LiFePO4 Battery	Internal								
AC Input	Optional								
PIR Sensor	Yes								
Over-load/Over-charge/ Over-discharge Protection	Yes								
Dimension	592(L) × 306(W) × 59(T)mm		712(L) × 306(W) × 59(T)mm		842(L) × 306(W) × 59(T)mm		1143(L) × 306(W) × 59(T)mm		
Net Weight	5.7kg	5.7kg	6.6kg	6.6kg	7.6kg	7.6kg	9.5kg	9.5kg	
Light Output									
Luminous flux (typ.)	Bright mode:	397lm	665lm	397lm	665lm	397lm	755lm	880lm	1275lm
	Dim mode:	155lm	228lm	155lm	228lm	155lm	312lm	360lm	420lm
Beam Type	Bat wing								
Visual Angle	130°								
Color Temperature	5000K-6000K								
Light Photosensitivity (typ.)	30 lx								
Working Time*	Bright mode:	≥10hrs	≥6.5hrs	≥14hrs	≥9.5hrs	≥14hrs	≥9.5hrs	≥10hrs	≥8hrs
	Dim mode:	≥30hrs	≥19hrs	≥42hrs	≥28hrs	≥42hrs	≥28hrs	≥30hrs	≥24hrs
Environmental Rating									
Work Temperature	Charge Temp.	0°C~+60°C							
	Discharge Temp.	-20°C~+60°C							
Storage Temperature	-20°C~+45°C								
IP Rate	IP55								
Installation									
Recommended Installation Height Range	2.5~3m	3~4m	2.5~3m	3~4m	2.5~3m	3~4m	3~5m	4~6m	
Recommended Installation Distance of Poles Range	8~10m	10~12m	8~10m	10~12m	8~10m	12~15m	15~18m	18~22m	

 Technical Data of **Solar Courtyard Light**

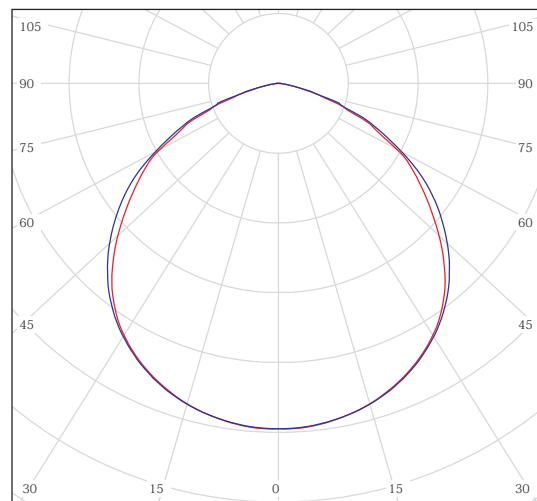
P/N	AST1205	AST1208	AST1805	AST1808	AST2505	AST2510	AST3612	AST3616	
Physical Specification									
Light Source	5W LED lamp	8W LED lamp	5W LED lamp	8W LED lamp	5W LED lamp	10W LED lamp	12W LED lamp	16W LED lamp	
Solar Module	12W	12W	18W	18W	25W	25W	36W	36W	
LiFePO4 Battery	Internal								
AC Input	Optional								
PIR Sensor	Yes								
Over-load/Over-charge/ Over-discharge Protection	Yes								
Dimension	592(L) × 306(W) × 59(T)mm		712(L) × 306(W) × 59(T)mm		842(L) × 306(W) × 59(T)mm		1143(L) × 306(W) × 59(T)mm		
Net Weight	5.7kg	5.7kg	6.6kg	6.6kg	7.6kg	7.6kg	9.5kg	9.5kg	
Light Output									
Luminous flux (typ.)	Bright mode:	520lm	790lm	520lm	790lm	520lm	980lm	1230lm	1578lm
	Dim mode:	210lm	280lm	210lm	280lm	210lm	370lm	465lm	580lm
Beam Type	Round beam								
Visual Angle	120°								
Color Temperature	5000K-6000K								
Light Photosensitivity (typ.)	30 lx								
Working Time*	Bright mode:	≥10hrs	≥6.5hrs	≥14hrs	≥9.5hrs	≥14hrs	≥9.5hrs	≥10hrs	≥8hrs
	Dim mode:	≥30hrs	≥19hrs	≥42hrs	≥28hrs	≥42hrs	≥28hrs	≥30hrs	≥24hrs
Environmental Rating									
Work Temperature	Charge Temp.	0°C~+60°C							
	Discharge Temp.	-20°C~+60°C							
Storage Temperature	-20°C~+45°C								
IP Rate	IP55								
Installation									
Recommended Installation Height Range	2.5~3m	3~4m	2.5~3m	3~4m	2.5~3m	3~4m	3~5m	4~6m	
Recommended Installation Distance of Poles Range	7~8m	8~10m	7~8m	8~10m	7~8m	10~12m	12~15m	15~18m	

*Working time data as above are based on 8 hours of charging in good sunny days in summer, measured at the latitude 22°, east longitude 113°. Actual working time might be different according to difference of area, season, environment and direction.

Light distribution curve

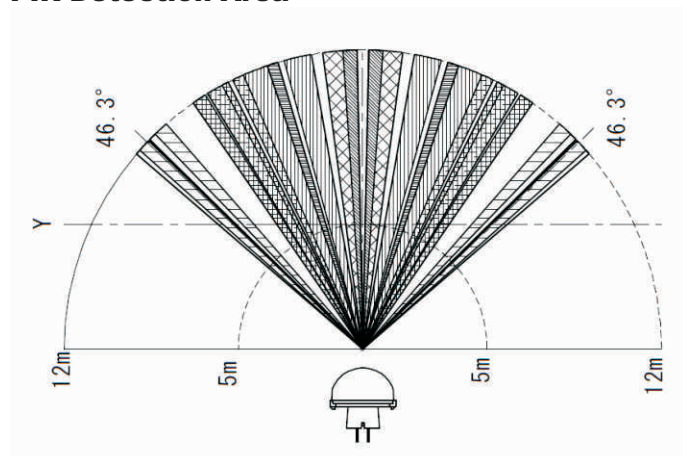


Bat wing (models with the suffix M)

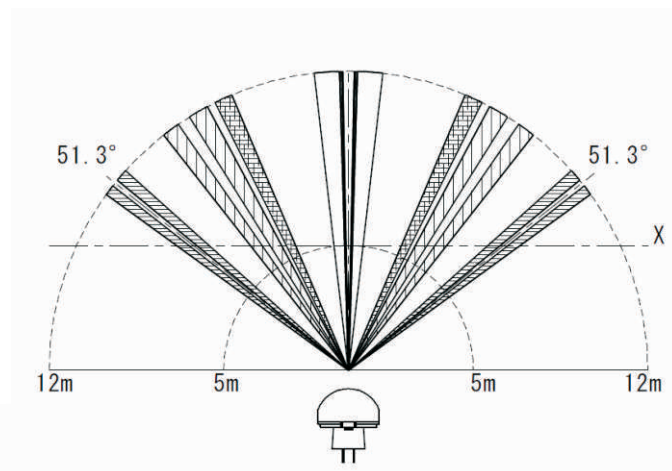


Round beam

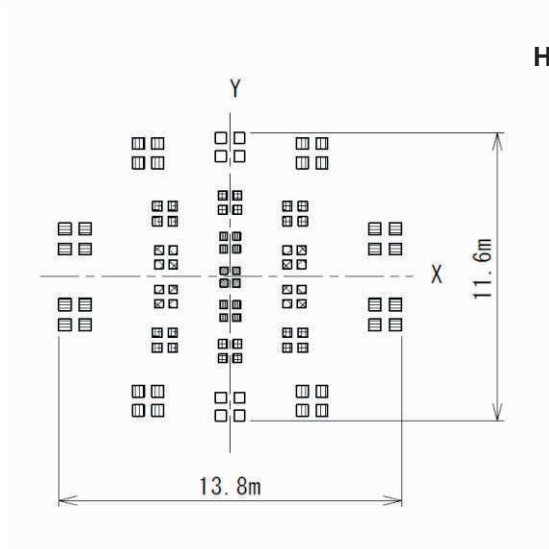
PIR Detection Area



Vertical

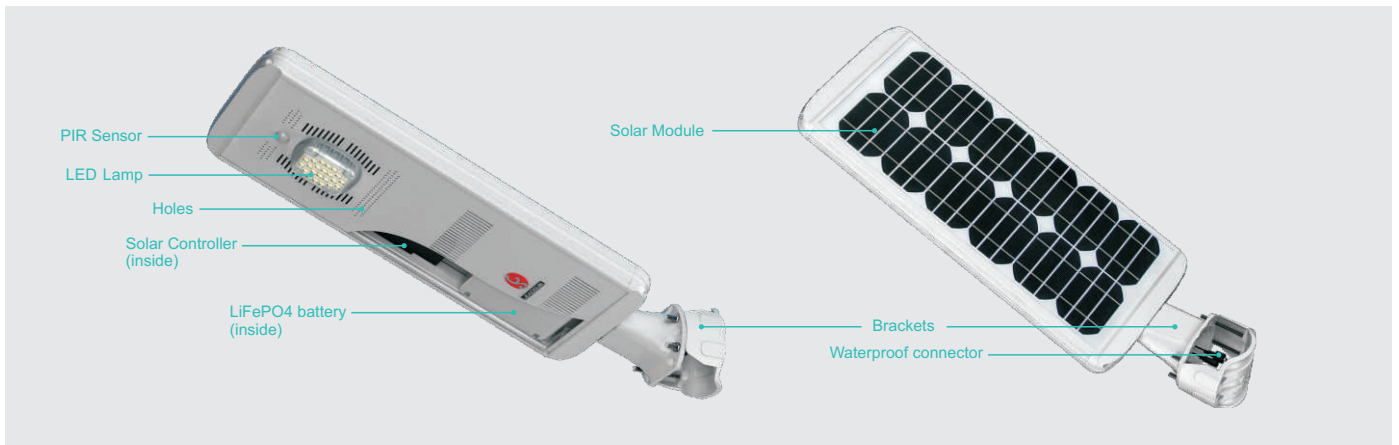


Horizontal

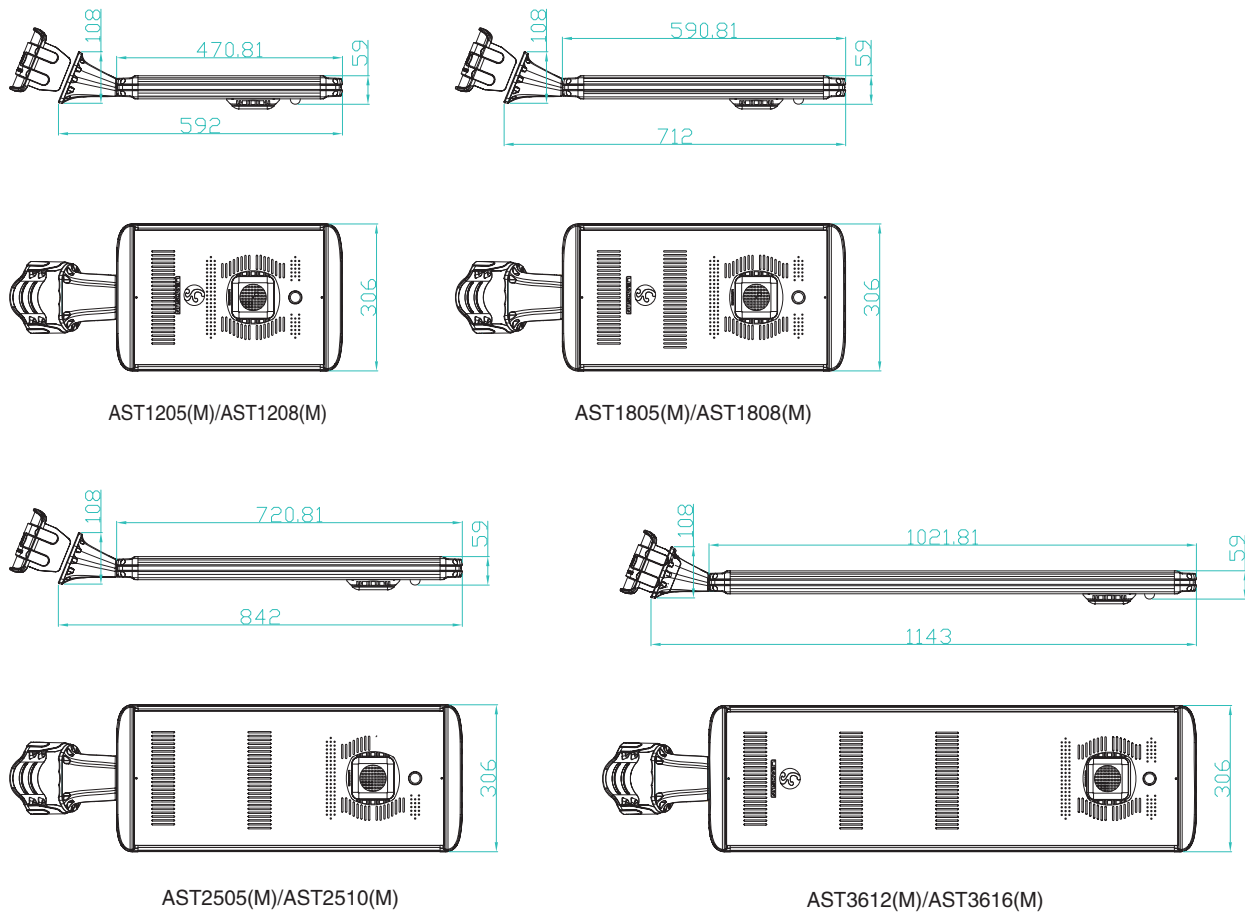


X-Y Cross Section (range 5m)

Angel Eyes Body



Physical Dimensions



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