

# Athena Solar Pathway Light



The Athena Solar Pathway Light efficiently illuminates recreational areas, gardens, and pathways with 360-degree glare-free lighting. Athena is aesthetically designed for comfortable living but elegant styling suitable for residential and commercial applications, with zero operational costs.

With the built-in lighting programs, The Athena Solar Pathway Light is highly customisable via a remote control in terms of colour temperatures, lumen output, and operating times. The light can also work in motion detecting mode, helps save energy and increases autonomy

The latest in lighting technologies and design make the Athena Solar Pathway Light the perfect choice for anyone wanting to add a solar powered post top light fixture with elegance and style to their projects.

## FEATURES

**ALUMINIUM FIXTURE** - High-end surface treatment on aluminium body, eliminates the possibility of rust or oxidation even after long-term use.

**MILKY DIFFUSER** - Up to 93% light transmittance. Diffuser enables a uniform and soft 360° light without glare, adding elegance.

**TRANSPARENT COVER** - Strong and transparent polycarbonate cover protects the milky optics from any damage and blocks insect ingress

**LIMINOUS FLUX** - 2,800lm max

**PEAK LED POWER** - 18W

**PROGRAMMABLE** - The lighting time can be programmed as 6 hours 8 hours and 12 hours.

Colour temperature is changeable between 3000K and 6000K (or 4000K). Brightness is adjustable between 20%~100% as required.

All operations can be done via a 2.4G remote control.

**2.4G REMOTE** - remote control has a longer control distance and 360-degree signal transmission.

**SENSOR** - Microwave sensor is built inside; motion detection mode is available by remote control.

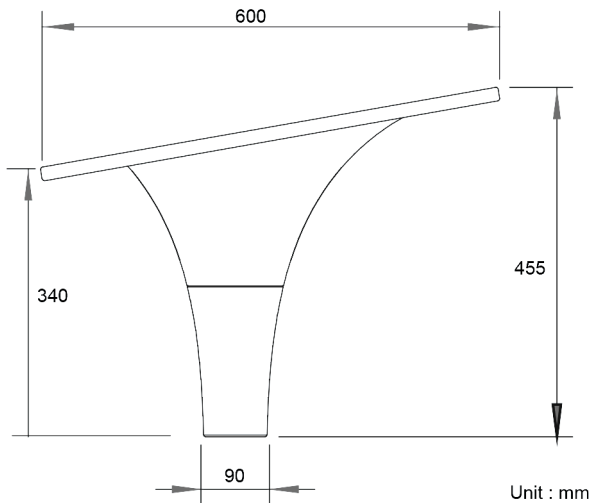
**MONOCRYSTALLION PV** - Efficient 21.5% mono solar panel is equipped to generate power continuously and keep the system working stably.

**LITHIUM BATTERY PACK** - Up to 3000 cycles D.O.D 70% lithium battery is built in. Ensuring system can run up to 8 years without maintenance. Battery capacity: 154WH composed by brand new 32700 cell.

**ANTI-THEFT SCREW** - Special customized stainless steel 304 anti-theft screws are used, which are easy to install, stronger, and will not rust

**76MM DIAMETER** - Suitable for pole diameter 60~76mm. Easy to fix to most sizes of poles by 2pcs of M8 screws

## Dimensions



## Applications

Living Areas | Gardens | Pathways

## Technical Data

Item number	ATHENA AI-GL600R
Luminous flux	2,800lm max
Peak LED power	18W
CRI	>80
LED type	SMD2835 164pcs
CCT range	Dual color 3000K+4000K / 3000K+6000K
Beam angle	150 degrees
Battery capacity	154WH 12.8V
Battery type	Brand new LifePO4 32700 6000mA 3.2V
Battery lifetime	D.O.D 50% 4000 cycles
Charge & discharge time	4 hours & 24 hours
Solar panel	42W 18V MONO crystallinesilicion
Solar Cell Efficiency (%)	>21.5%
Battery autonomy	2-days backup, 3~5 days in motion detection mode
Control method	Automatic dusk to dawn
Solar charge controller	MPPT controller with 2.4G remote
Motion sensor	Microwave sensor
Working temp.	-20°C ~ 70°C
Fixture size	D580*435mm
Fixture materials	Aluminium die casting + Polycarbonate
Fixture color	Black RAL9011 / customized
Pole diameter to fit	76mm
Package size	60*60*26cm
N.W/Light	9.60kg
IP Rate	IP65
Warranty	3 years
Certificates	CB CE ROHS IP65