

AITHENA

Solar LED Garden Light



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Our backyards and gardens are places of relaxation and close to our hearts, and with the same passion, we present Athena as the most advanced solar garden light for your nature-friendly living. Athena solar garden light efficiently illuminates your recreational living areas, gardens, and pathways with 360-degree beam, glare-free lighting in solar energy, and stand-alone off-grid functioning. Athena is aesthetically designed for comfortable living but elegant styling suitable for home and hospitality applications with zero operational costs.

With the built-in lighting programs, the lighting power and working time could be easily adjusted as required via the remote control. The light can also work in motion detecting mode which will help to save more energy. Athena is a suitable solar pedestrian light to work perfectly no matter in gulf countries with 5.5 hours of valid sunshine or in north Europe with 2.5 hours of valid sunshine.

Athena solar garden light is highly customizable via the remote control in terms of color temperatures, lighting power, and working time to match the garden atmosphere. Auroras' decade of experience in solar lighting technologies makes Athena the perfect choice for home users and project customers, contributing to green energy and reducing carbon footprints.



Product Feature



Remote control to modify the power, CCT and time



Lights can be grouped by remote control



2.4G remote signals is more strong and sensitive



36 hours backup with fully charged battery



LED power is automatically adjusted to save energy.



High luminous flux output up to 280lm performance



LiFePO4 battery inside more than 10 years lifetime



Equipped PIR motion sensor to save energy



ON - OFF

Dusk to Dawn automatically ON/OFF

Lighting Performance

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 or 3000K+6000K
LED lifetime	>100,000 hours

LifePO4 Battery

Battery type	Brand new LifePO4 32700 6000mA 3.2V
Battery capacity	154WH 12.8V
Battery lifetime	6000 cycles @ D.O.D 80%
Charge Time	4 hours
Discharge time	>24 hours
Working temp.	-15 C ~ 70 C
Battery autonomy	2 - 3 days, 3~5 days in motion detection mode

Solar Panel

Peak Power	38W
Rated Voltage	18V
Cell Type	MONO crystallinesilicion
Cell Efficiency (%)	>22.5%
Lifetime	>20 years
Waranty	5 years

Control System

Control method	Automatic dusk to dawn
Solar charge controller	MPPT controller
Charging efficiency	>97%
Remote type	2.4G radio
Operation distance	<30 meters
Sensor type	PIR motion sensor
Grouping function	Yes
CCT changeable	Yes
LED power changeable	Yes
Time changeable	Yes
Working mode changeable	Yes

Fixture & Packing

Light dimension	φ600 * H455mm
Materials	Aluminium die casting + Tempered Glass
IP & IK Rate	IP65 IK10
Fixture color	Black RAL9011 / Anthracite grey RAL 7016
Pole diameter to fit	76mm
Package size	62*62*26cm
N.W/Light	9.60KG
G.W/Light	11.30KG
Certificates	CB CE ROHS IP65 LM79 LM80, MSDS UN3.8
Warranty	5 years

Remote Function

Change Light Color

The color is switchable between cool white 6000K (or daylight 4000k) and warm white 3000K. Easy to set by remote as required. Winter with warm white and Summer time with cool white. Creating a comfortable atmosphere freely.

Change work mode

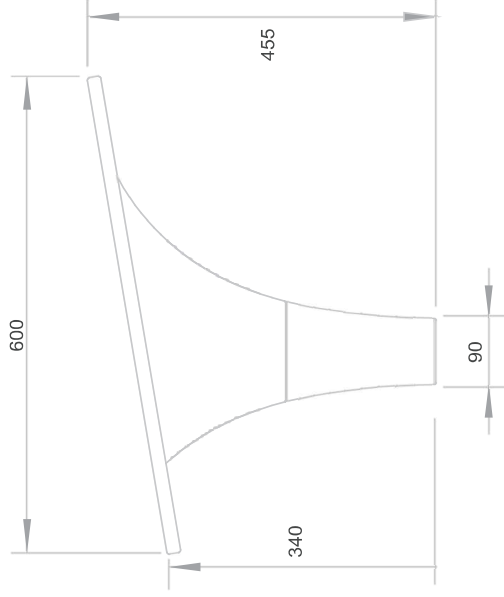
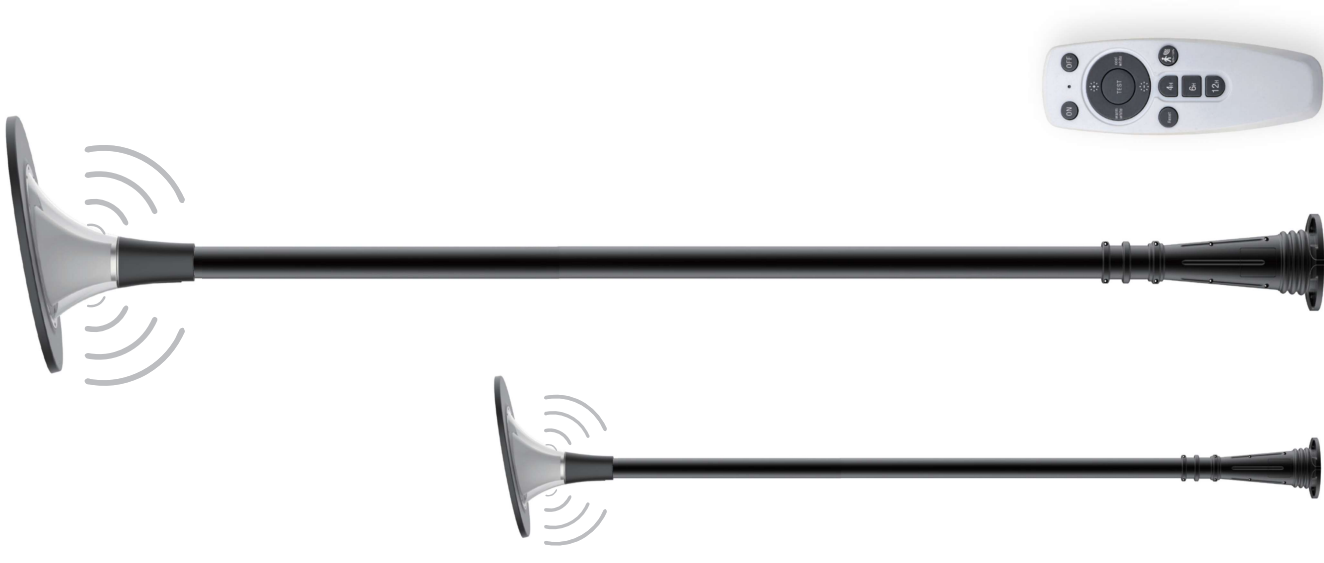
The default setting is continuous lighting with fixed brightness, also motion sensor function is available. The luminaire works with 30% power normally and works with 100% power when the motion sensor is triggered at people come by. Saving more power with longer battery backup.

Change Light Power

The power is changeable as 20%, 40%, 60%, 80%, and 100% to adjustable according to the local solar radiation to save energy, guaranteeing the lighting service is always there even in very challenging conditions.

Change Time

Different lighting time durations are available as 4 hours, 6 hours, and 12 hours optional to meet different requirements. This helps to save more energy and extend the lifetime of light as well as more days backup.



Remote Function

True
Quality
Deserves
Trust

