

SOLAR

SOLAR BOLLARD LIGHT

38cm | 60cm | 90cm | wall mounted



Auroras Profile

Auroras is an innovative manufacturer accredited by ISO9001, ISO14001, ISO45001, and BSCI management and quality system etc. Auroras is dedicated and positioned to supply unique aesthetic, durable quality solar lights for the commercial market and high-end distribution markets. Since established in 2013, Auroras has been investing a lot of cost per year on new products development. Auroras is the pioneer in the solar lighting industry and leading the market trend in product design concepts and quality standards.



- In 2016, Auroras is the first company who released HELIOS all-in-two solar street lights in the world and successfully won the contract of UNHCR for 3 years.
- In 2017, Auroras is the first company that released all-in-one solar batten light in the world and defined what is solar led batten light in google search
- In 2018, Auroras released the THOR all-in-two solar street light who build in the biggest battery 2160WH in the world.
- In 2019, Based on future vision & forecast, , Auroras released the vertical solar street light system which is a the revolutionary design of solar lighting market.

In the same year, auroras won the contract from 43 competitors to supply vertical solar street light to 2019 Southeast Asian Games .

- In 2020, Auroras released the Athena solar pedestrian light which exceeded the quality and design expectations of customers for solar light. It gains lots of ultra-high praise.
- In 2021, Auroras won the project to supply solar lights to DUBAI EXPO 2020

Quality Quality

Auroras is aware of the importance of the quality position since the first day when established. Different from the very regular products on market, All auroras' products are developed with a distinct aesthetic look and durable components with high specification performance. Quality is positioned on premium quality which is able to satisfy professional clients.

Marketing Philosophy

Establishing strong & long-term relationships with clients as partners in the pursuit. Auroras is aimed to build a network of agents & distributors globally. Auroras has the strict principle whose purpose is to protect customers' rights and benefits. It takes a long time and lots of effort to promote new products to market which is performed on the basis of customers' trust in Auroras.



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Products Certificates

Auroras Innotech is certified by ISO9001, ISO14001, ISO45001 and accredited by BSCI. Products are certified by CE, ROHS, CB, IECEE, LM79, LM80, TM21 , and IK tests etc. Auroras products obtain most of the certificates to meet the demand of high-end projects.

ADQCC Approval

Abu Dhabi Quality and Conformity Council has lunched the Trustmark (Abu Dhabi Trustmark) which indicates product's compliance with safety, environmental and performance standards, in addition to administrative and production systems compliance with the conformity Program. In 2022 April, Auroras's products are finally approved by ADQCC and authorized with AD mark.

Auroras
Products+



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Solar-led bollard light is a perfect product for gardens, parking, pathway, etc. There are three models available including ARKO, HADES, and ARES, ARKO is an IK10 vandal-resistant solar-led bollard light with a polycarbonate dome over the solar panel. It can protect the solar panel from striking very well, it reaches to high performance in impact resistance up to the IK10+ level. With the curved dome, dust will not be accumulated but to be easily flushed off when raining.

Compared with ARKO, there is no polycarbonate dome for HADES and ARES, While HADES and ARES have higher brightness output performance than ARKO, All three models are adopting ultra-high lumens LED up to 200lm/W. Especially there is a mirror reflector inside of the light head which increases the lumens of reflection very well. HADES is in a square shape and Ares is in a round shape. A colorful night can be easily created by the RGBCW model with 2.4G remote control.



Unique Properties

All solar lights are designed with an aesthetic appearance, simple slim curvy with modern look.



Premium Quality

Especially designed for high-end customers with stable quality, smooth and fine workmanship, perfect after-sales support.



Set Colors

Users can change the color temperature or set any colorful atmosphere easily with remote



Main Specification



Model name	ARKO AI-GL260R	ARES AI-GL255R	HADES AI-GL255S
LED source	1.5 Watts	1.5 Watts	2.5 Watts
Luminous flux	>220lm	>220lm	>480lm
Solar panel	5V 6.2 Watts	5V 6.2 Watts	5V 9.2 Watts
Light head size	φ260mm round shape	φ255mm round shape	255*255mm square shape
Height	38 / 60 / 90cm / wall mounted		
Optional CCT	○ ○ ○ ○ CCT changeable / RGBCW by remote		
LifePO4 battery	3.2V 12AH		
Motion sensor	optional		
Remote control	available for RGBCW		
Charge&discharge time	5 & 24 hours		
Fixture color	Black / Grey		
IP & IK rate	IP65 & IK10	IP65 IK08	IP65 IK08
Working temp.	-20 °C ~ +65 °C		
Warranty	Two years		
Certificates	CE ROHS CB IP65 FCC		

ARKO

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IK10 vandal resistant solar led bollard light is an innovation in 2019, comparing with all the solar bollard light on market, Auroras solar bollard has a few significant advantages : 1. Dome made by polycarbonate with high transmittance ratio 96% to protect the solar panel from strike, it gets an excellent performance in impact resistance which reaches to IK10+ level.

Thanks to the nice curved design dome on top of solar panel, no any dust will be accumulated, all the dust will only fall on polycarbonate dome and be easily flushed away when raining. 3. This light is designed based on a high specification, using 6.2W solar panel and super quality of LifePO4 battery 3.2V 12AH, it offers a continuous lighting output for all night and backup for 3~4 nights. 4. RGBCW full color models are available. Any color you like can be set via the 2.4G wireless touch remote control.



ARES

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ARES wall mounted solar light is equipped with high capacity 3.2V 12AH of lifePO4 battery pack and high efficiency MONO solar panel, It has a aesthetic appearance and quality finishing. With same solar light head, it can fit to different height or desgins of light pillars.

The lifepo4 battery pack are well integrated inside of light head as a complete unit. it connects to the control board with DC connectors which makes the replacement or repaire work much easier. The big battery pack is able to support light to work for 3-4 days without charging once full charged. Light head and light pillar can be packed seperated in order to save shipping cost with less space.

2.4G wireless remote set any color as wish is a big selling point , Each remote can control all the light heads within up to 30 meters in open air. It creates a very beatiful nights with colors easily.



HADES

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HADES is a ultra powerful bollard light with high lumens output up to 450lm output. It is very suitable for hotel, garden, park, hotel, etc. it integrated a 9.2W MONO solar panel with high efficiency up to 19.5% and 3.2V 12V lifePO4 battery pack to storage the power. A mirror reflector in tower shape is fixed inside of light fixture in order to increase the lumens output and gives a more uniform lighting performance. Once the battery is fully charged , the light is able to work for 3-5 days in very cloudy or raining days.

The light head is individual from the pillar which can be easily mounted with a small driver, it is IK08 and IP67 rated. White version (WW+DW+CW) and RGBCW version (2.4G remote control) are available. Customer can buy only two types of light head, but can buy 4 kinds of pillars, it makes selling will be very flexible to satisfy any customers' requirements but with less stock..



Installation Reference



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