

PRODUCT CATALOG

2025



www.auroraslighting.com

AUROSAS
Excellence of Sustainable Energy

About Auroras

Auroras, established in 2013 in Zhuhai, China, is an ISO9001, ISO14001, ISO45001, and BSCI-certified innovator in premium solar lighting solutions. We design, mold, and manufacture high-end solar street lights, garden lights, and courtyard lights tailored for medium-to-high-end global engineering projects. Our vertically integrated operations enable flexible ODM/OEM services and fully customizable one-stop solutions, supported by a decade of experience delivering successful projects across 30+ countries. Backed by a team of designers with 20+ years of expertise, an international sales force with 15 years of market knowledge, and responsive technical specialists, we ensure end-to-end quality and adaptability to client needs.

Committed to advancing sustainable lighting, Auroras prioritizes real-time technical support, unmatched customer service, and unwavering product reliability. As the solar industry evolves, we take pride in being a trusted global partner, where your confidence in our solutions remains our highest honor.

Auroras, the trusted name for your solar lighting business!



2013

Auroras is founded, committed to being a reputable lighting enterprise in the world.

2016

Launched the world's first all-in-two solar street light and won a three-year contract from UNHCR in the same year.

2017

The world's first solar batten light was launched with inbuilt controller and battery which was developed especially for car parking

2018

Designed the top 3 models of AIT solar street lights for the commercial solar lighting market and won a high reputation from the global market.

2019

Launched the futuristic Hexagon Vertical Solar Module for pole mounted and won the Philippine 2019 Southeast Asian Sea Games project from 43 competitors.

2021

Developed more categories of solar light to enrich our products lines in order to provide one-stop solar lighting products, post top light, flood light, etc.

2022

Auroras released two solar lights designed to meet the International Dark Sky Association(IDA) standard.

2023

Developing more premium solar lights complying with international requirements, such as IDA, IK10 etc, catering high-end application

2024

China headquarter moves to own-owned office, opens U.S. and Saudi offices

2025

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Why Auroras



1. Professional Support

The Auroras team offers the highest level of professional and technical support for pre and after sales service. Auroras team is well trained and experienced in high quality solar lighting and solar power systems. We are ready to provide you with competitive pricing and reliable quality. The Auroras team are passionate, committed, service driven communicators.



2. Territory Protection

Auroras is constantly seeking professional cooperation agreements with respected long-term clients; we believe an exclusive territory protection agreement is the best method of formalizing this valued cooperation. Auroras has a very transparent, although strict marketing policy to protect the rights and markets of the exclusive clients that hold territory protection agreements.

Auroras will only extend territory agreements to minimal clients within a territory. We base this selection on the size of the territory and a mutual understanding of quality solar products and professional marketing philosophy.



3. Innovative Products

Here at Auroras, we are constantly updating and improving our products to ensure we are in the best position to accelerate new technologies as they emerge, and to better serve our customers. We are motivated and inspired by how our valued customers use our highly engineered products to find creative solutions to complex problems, develop breakthrough scientific advancements, and stay ahead of the technological curve.

We maintain innovation as the focal point of our corporate mission and strive to provide state of the art products and solutions that help our customers pioneer into the future.

Glory Projects



2021 Dubai Expo

After several months of bidding and many times of communication with the project party, in the face of strong competition from a number of peer companies from Europe and the United States, Auroras won the project by vertical solar street lights which have the best stability and design. 2021 Dubai World Expo is a global case that promotes the introduction of Auroras's solar lighting products to more mid-to-high-end customers.



8 Years Contract with Thailand Gov









Thanks for the very hard working and effort together with thailand agent in 2019, with big pleasure, Auroras won the contract from the thailand government to supply our classic model HELIOS solar street light for 8 years, this lighting program is to provide an-easy accessing lighting service to the peoples in very remote area. The total quantity of solar street lighting is more than 300,000pcs for 8 years.



3 Years Contract with UNHCR

Between 2016~2019,Auroras provided more than 27,000 sets of solar street lights to UNHCR projects in different countries and regions. Including Syria, Bangladesh, Jordan etc. Auroras's solar street lights provided stable and continuous lighting services to light up the areas where are lack of electricity. The most stable quality is the reason why UNHCR and other government clients trust Auroras.

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Solar Bollard Lights

The solar bollard light series features high-quality lithium batteries for extended performance, efficient solar panels, and high-brightness LED chips, all encased in a durable, rugged design. Its innovative style enhances any landscape while being IDA-certified for reduced light pollution.

Ideal for residential gardens, parks, commercial landscapes, and public spaces, these lights offer a reliable, eco-friendly lighting solution that combines aesthetic appeal with enhanced outdoor safety.



Applications

- Parks and Green Spaces
- Commercial Landscapes
- Public Squares
- Walkways and Pathways
- Parking Lots
- Resort and Hotel Courtyards
- School and University Campuses



ARKO

Lighting 1.5W >220lm
Solar panel 5V 6.2W MONO
LiFePO4 battery 3.2V 12AH
Dimension ϕ 260mm 60cm / 90cm



ATLAS

Lighting 1.5W >280lm
Solar panel 5V 6.2W MONO
LiFePO4 battery 3.2V 12AH
Dimension ϕ 275 * 900mm



HESTIA

Lighting 1.5W >280lm
Solar panel 5V 6.2W MONO
LiFePO4 battery 3.2V 12AH
Dimension ϕ 275 * 900mm



MUSE

Lighting 1.5W >280lm
Solar panel 5V 6.2W MONO
LiFePO4 battery 3.2V 12AH
Dimension ϕ 275 * 900mm





LETO

Lighting 1.5W >280lm
Solar panel 5V 6.2W MONO
LiFePO4 battery 3.2V 12AH
Dimension $\phi 275 \times 900\text{mm}$



HADES

Lighting 3W >480lm
Solar panel 5V 9.2W MONO
LiFePO4 battery 3.2V 12AH
Dimension 255*255*900mm



ATOM

Lighting 1.5W >280lm
Solar panel 5V 6.0W MONO
LiFePO4 battery 3.2V 12AH
Dimension $\phi 275 \times 300\text{mm}$



**DARKSKY
APPROVED**
Reduces light pollution
Certified by DarkSky.org

MUSE-W

Lighting 1.5W >280lm
Solar panel 5V 6.2W MONO
LiFePO4 battery 3.2V 12AH
Dimension 323*275*195mm

Installations





APOLLO

Solar Canopy Light

The Solar Batten Light is a compact, high-brightness outdoor lighting solution designed for long-lasting operation. Powered by a high-capacity lithium battery and integrated controller, it delivers reliable performance. Its motion sensor enhances energy efficiency by activating the light only when movement is detected.

With a remote control, users can customize operating time and power settings, maximizing energy savings and offering tailored lighting for various needs. Its versatile design suits Applications like parking garages, indoor spaces, and warehouses.

Combining robust construction with intelligent energy management, the Solar Batten Light is an efficient, eco-friendly choice for both residential and commercial use, providing a sustainable solution for modern lighting needs.



Applications

- Car Parking Lighting
- Garage Lighting
- Caravan Lighting
- Bus Station Lighting
- Warehouse Lightig
- Emergency Camp Lighting
- Camping Tents Lighting

APOLLO Solar Canopy Light



Main Specification		
Model	AI-X2200	AI-X4200
Lighting Performance	18W 2,200lm	36W 4,200lm
Solar panel	18V 60W MONO	18V 80W MONO
LiFePO4 battery	12.8V 154WH	12.8V 307WH
CCT	3000K ~ 6000K	•
Motion sensor	Microwave	•
Solar Controller	Programmable PWM	•
Dimension	92*84*600mm	92*84*900mm
Warranty	3 years	•





VENUS

Solar Flood Light

The VENUS series solar floodlight is a high-end solar LED floodlight designed with meticulous attention to detail. VENUS is crafted for discerning clients who demand excellence in every aspect, from surface treatment, brightness, and power control to packaging and after-sales service. This sophisticated floodlight uses brand new Grade A LiFePO4 battery packs and features a long-range 2.4G remote control, ensuring both longevity and ease of operation. The VENUS series solar floodlight is the ideal choice for projects that require superior performance and reliability.

VENUS solar flood light is good for the quality-oriented distribution and retail markets. It comes with very nice quality packing and all the components are premium selected. using SST304 screws and anti-corrosion powder coating surface finishing. OEM are welcomed.



Applications

- Garage Lighting
- Caravan Lighting
- Garden Lighting
- Warehouse Lightig
- Refusee Tents Lighting
- Farm / Fence Lighting

VENUS Solar Flood Light



Main Specification				
Model	V2-PRO	V4-PRO	V6-PRO	V8-PRO
Lighting Performance	4.8W 880lm	9W 1,680lm	13.5W 2,480lm	18.5W 3,280lm
Solar panel	12W 10V MONO	25W 10V MONO	35W 10V MONO	50W 10V MONO
LiFePO4 battery	6.4V 38.4WH	6.4V 76.8WH	6.4V 115WH	6.4V 154WH
CCT	3000K~6000K or RGBCW	•	•	•
Motion sensor	Microwave	•	•	•
Remote type	2.4G	•	•	•
Dimension	240*168*56mm	305*235*56mm	375*275*56mm	375*275*56mm
Warranty	2 years	•	•	•





ATHENA

Solar Post Top Light

The Athena solar garden light efficiently brightens recreational spaces, gardens, and pathways with 360-degree glare-free lighting, powered by solar energy and designed for off-grid use. Its elegant, aesthetic design enhances both home and hospitality environments, offering a stylish yet functional solution with zero operational costs. Featuring built-in lighting programs, the light's power and working time can be easily adjusted via remote control to suit your needs.



Applications

- Street, Road
- Bike Track, Pathway
- Residential, Villa
- Public Area, Park, Car Parking Lot
- Jetties, Coastal, Marina, Dock

ATHENA Solar Post Top Light



Main Specification

Model	AI-GL600R
Lighting Performance	18W 2,800lm
Solar panel	42W 18V MONO
LiFePO4 battery	12.8V 154WH
CCT	3000K+4000K / 3000K+6000K
Motion sensor	Microwave
Solar Controller	High Efficiency 97% MPPT
Dimension	φ600*H455mm
Warranty	3 years





THEMIS

Solar Post Top Light

THEMIS solar pedestrian light features a futuristic design, developed to protect wildlife from harmful blue light with $UGR < 1\%$. It delivers smooth, pollution-free lighting at night.

Combining a high-efficiency MONO solar panel, LiFePO₄ battery, and MPPT solar charge controller, it achieves ultra-bright output up to 190lm/W with minimal power consumption. It provides stable, continuous light even in low sunlight, with adjustable lighting power and duration for optimal performance. Perfect for gardens, parks, walkways, and bike lanes, THEMIS boasts a maintenance-free lifespan of up to 10 years.



Applications

- Street, Road
- Bike Track, Pathway
- Residential, Villa
- Public Area, Park, Car Parking Lot
- Jetties, Coastal, Marina, Dock

THEMIS Solar Post Top Light



Main Specification	
Model	AI-GL590R
Lighting Performance	18W 2,800lm
Solar panel	38W 18V MONO
LiFePO4 battery	12.8V 154WH
CCT	3000K+4000K / 3000K+6000K
Motion sensor	PIR
Solar Controller	High Efficiency 97% MPPT
Dimension	φ590*H550mm
Warranty	5 years





2in1 INTEGRATED Solar Street Lights

All in Two solar street lights are designed for commercial solar street lighting projects which require constant and high brightness performance. It integrates the brand new LiFePO4 battery, MPPT solar charge controller, and the latest technology of led technology. It offers up to 160lm per watt high brightness performance constantly without dimming. It is an ideal choice for commercial solar street lighting which fits different heights of poles up to 12 meters. The solar light head is connected to solar panel by the universal MC4 plugs. Three models are available HELIOS for 20W 30W and 50W, HERMES is for 60W and 80W, and THOR is for 80W, 100W, and 120W. All the specifications can be customized according to the client's requests.



Applications

- Street, Road
- Bike Track, Pathway
- Residential, Villa
- Public Area, Park, Car Parking Lot
- Jetties, Coastal, Marina, Dock
- Security, Exit
- Mining, Industrial

HELIOS 2in1 Solar Street Light



Main Specification		
Model	HELIOS T3	HELIOS T5
Lighting Performance	30W 5,100lm	50W 8,500lm
Solar panel	80W 18V MONO	120W 18V MONO
LiFePO4 battery	307WH 12.8V	460WH 12.8V
CCT	3000K ~ 6000K	•
Beam Angle	Type I / II / III	•
Solar Controller	High Efficiency 97% MPPT	
Dimension	610*265*97mm	•
Warranty	3 years	•



HERMES 2in1 Solar Street Light



Main Specification		
Model	HERMES T6	HERMES T8
Lighting Performance	60W 10,200lm	80W 13,600lm
Solar panel	120W 18V MONO	160W 36V MONO
LiFePO4 battery	538WH 12.8V	768WH 25.6V
CCT	3000K ~ 6000K	•
Beam Angle	Type I / II / III	•
Solar Controller	High Efficiency 97% MPPT	
Dimension	678*278*102mm	•
Warranty	3 years	•



THOR 2in1 Solar Street Light



Main Specification		
Model	THOR T10	THOR T12
Lighting Performance	100W 16,800lm	120W 20,400lm
Solar panel	260W 36V MONO	300W 36V MONO
LiFePO4 battery	921WH 25.6V	1075WH 25.6V
CCT	3000K ~ 6000K	•
Beam Angle	Type I / II / III	•
Solar Controller	High Efficiency 97% MPPT	
Dimension	792*310*116mm	•
Warranty	3 years	•





Vertical Solar Module

140W | 200W

The SolarWrap integrated solar pole system is our most advanced solution for pole-mounted solar Applications. Its patented design combines high efficiency with aesthetic appeal, making it ideal for decorative and high-end uses like area and garden lighting. Built with high-efficiency solar modules in a hexagonal aluminum die-cast structure, SolarWrap delivers exceptional performance, strength, and durability for challenging environments.

Its lightweight, removable design allows easy installation and maintenance-free operation. SolarWrap can adapt to any pole shape or size, making it a universal solution. It's perfect for outdoor monitors, traffic lights, signal centers, and retrofitting traditional street lights. By attaching SolarWrap to existing poles, it enables energy-efficient solar upgrades at minimal cost.



Applications

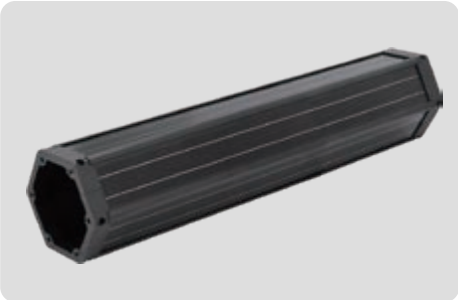
- Solar Street Lighting
- Solar Post Lighting
- Solar CCTV System
- Solar Traffic System
- Other Pole Mounted design

Vertical Solar Module 140W | 200W



Main Specification

Model	Q140	Q200
Specification	140W 18V/36V MONO	200W 18V/36V MONO
Dimension	228*200*1560mm	228*200*2060mm
Pole diameter	75~140mm	•
Cell efficiency	22.5%	•
Structure material	UPVC + aluminum alloy / aluminum alloy	
Lifetime	>20 years lifetime	
Warranty	5 years	





Vertical Solar Tube

80W | 100W | 140W

Designed in U.S.A and assembled in P.R.C, SolarWrap vertical solar cylinder represents an innovative solution tailored for pole-mounted Applications. Distinguished from conventional solar panels, poles equipped with the SolarWrap cylinder exhibit exceptional aesthetic appeal, seamlessly integrating into serene environments while retaining the appearance of traditional poles, albeit enhanced with beauty. Its versatility extends to various Applications including solar light poles, solar camera poles, and solar traffic signs.



Applications

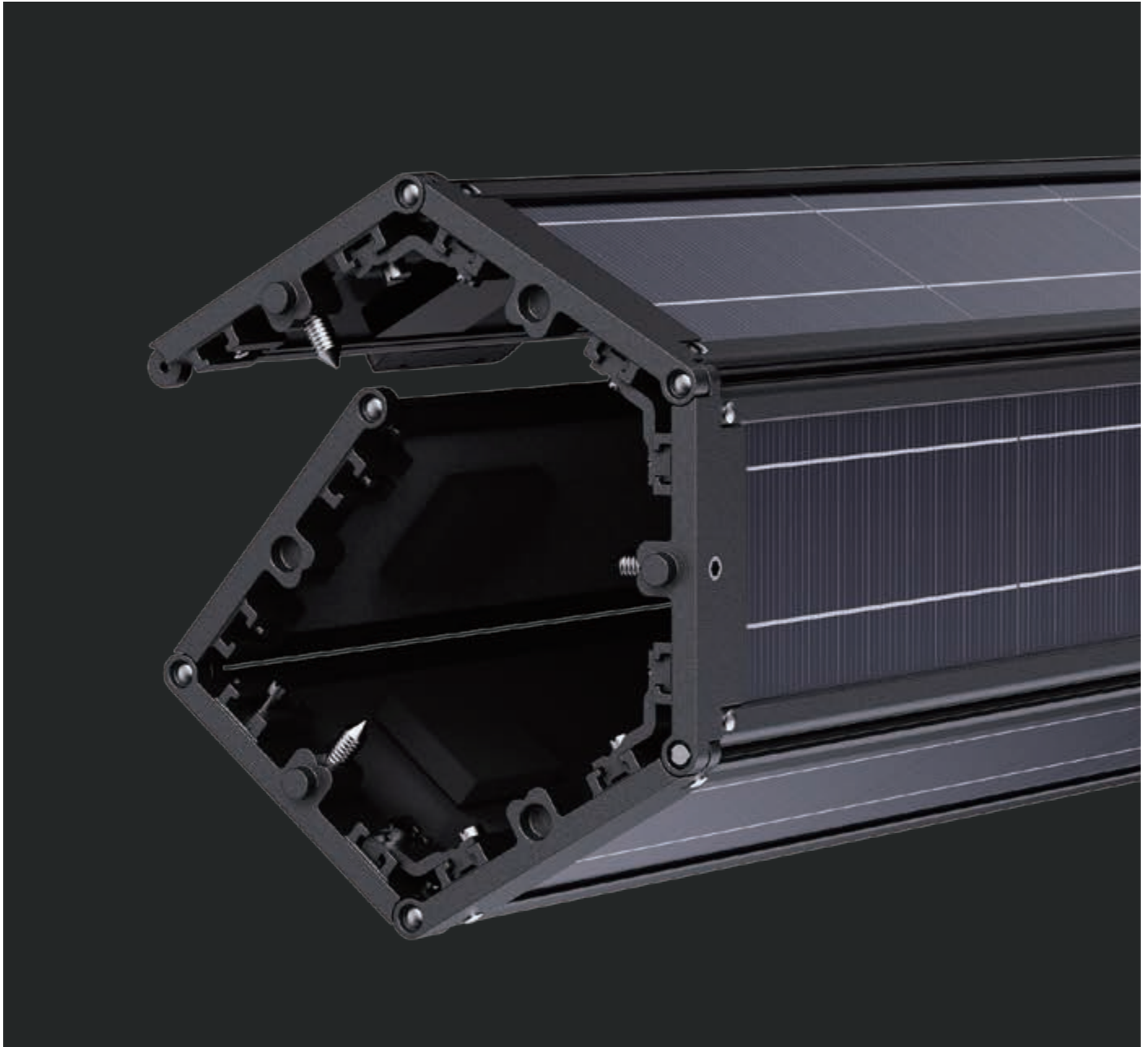
- Solar Street Lighting
- Solar Post Lighting
- Solar CCTV System
- Solar Traffic System
- Other Pole Mounted design

Vertical Solar Tube 80W | 100W | 140W



Main Specification			
Model	S80	S100	S140
Specification	80W 6V MONO	100W 6V MONO	140W 9V MONO
Dimension	D160*1040mm	D190*1040mm	D240*1040mm
Pole diameter	60~90mm	70~120mm	80~170mm
Cell efficiency	22.5%	•	•
Structure material	Tempered glass + aluminium alloy profile		•
Lifetime	>20 years lifetime	•	•
Warranty	5 years	•	•





GeoFlexTM | Polygonal Photovoltaic Module

Scalable & Foldable & Linkable

The GeoFlex Series features a foldable polygonal solar panel design, adaptable to shapes like hexagons or octagons for customizable power output. Its foldable structure reduces packaging volume by over 50%, lowering international shipping costs. With a modular design, it easily expands for higher power needs, while 360-degree charging ensures maximum sunlight capture.

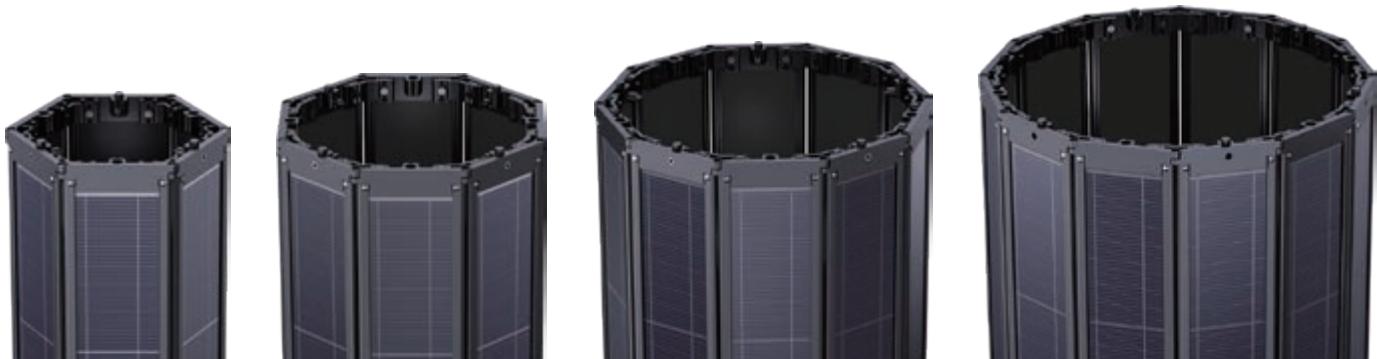
The vertical cylindrical panels provide superior wind resistance and a sleek, urban-friendly design that prevents snow accumulation and enhances durability. Ideal for solar streetlights, surveillance systems, and traffic signals, the GeoFlex Series combines functionality, efficiency, and seamless urban integration.



Applications

- Solar Street Lighting
- Solar Post Lighting
- Solar CCTV System
- Solar Traffic System
- Other Pole Mounted design

GeoFlex Series Polygonal Photovoltaic Module



Hexagon

Octagon

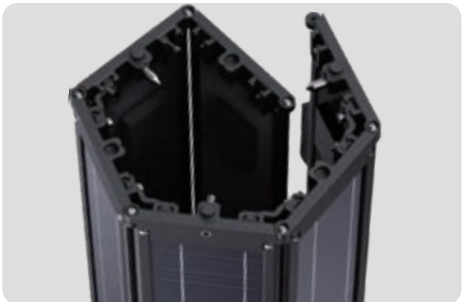
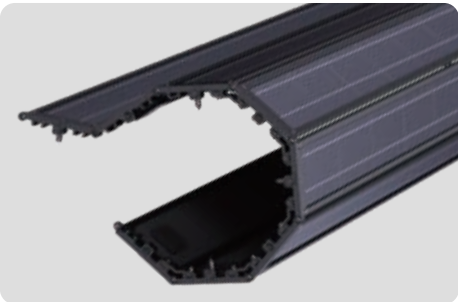
Decagon

Dodecagon



Main Specification

Models	GeoFlex Series
Specification	150W~420W 18V/36V MONO
Length	1060mm / 1560mm
Pole diameter	120mm~330mm
Cell efficiency	23.2%
Materials	Tempered Glass + Aluminium Profile
Lifetime	>20 years lifetime
Warranty	5 years





SkyBeam

Solar Lighting Pole

Our Solar Lighting Poles feature robust die-cast aluminum housings and a sleek, streamlined design, engineered for high-end projects. They boast high-power solar panels, large-capacity batteries, and an MPPT controller for improved charging efficiency. A remote control ensures easy operation, while a 5-year warranty attests to their exceptional quality and durability.

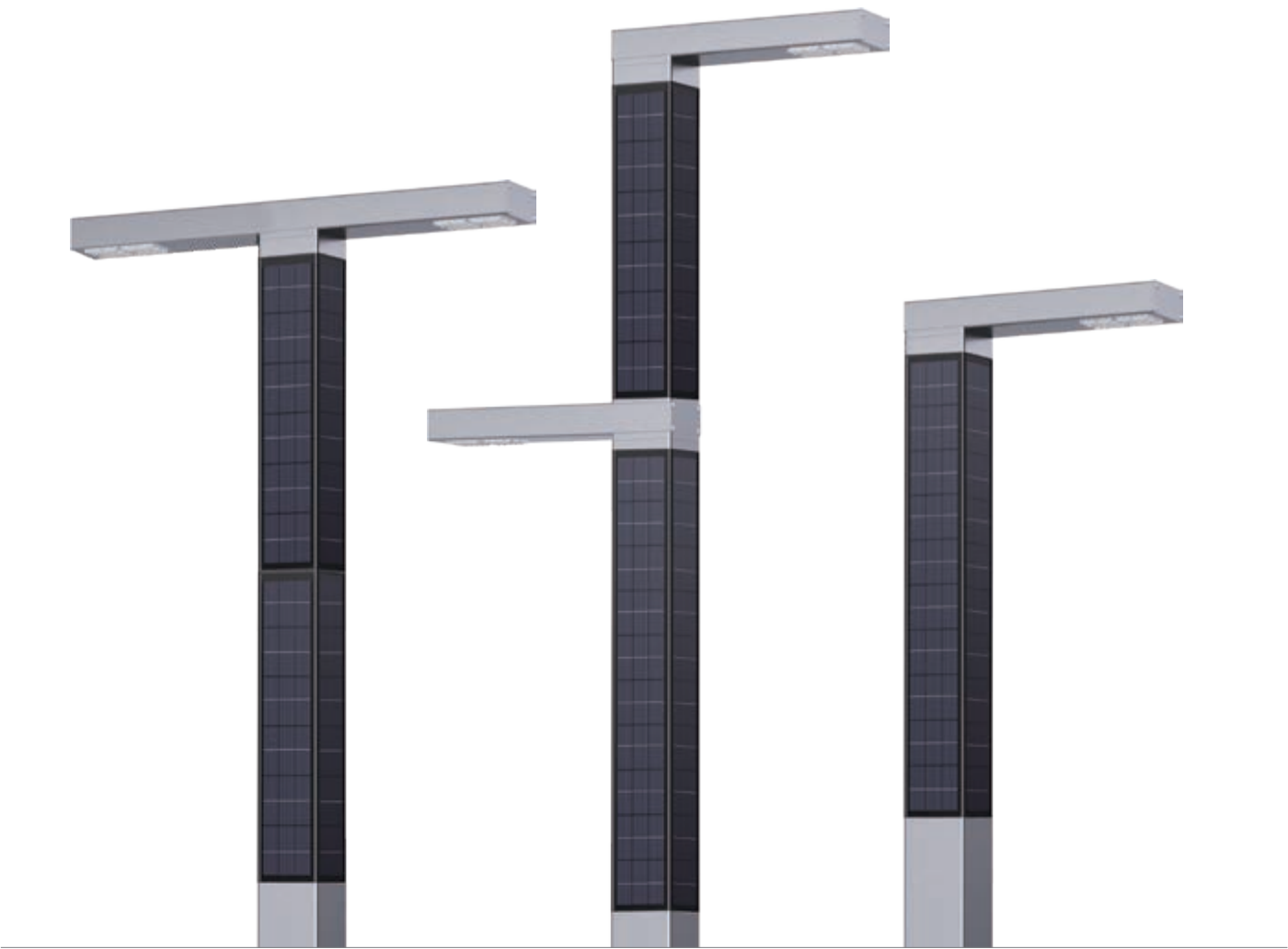
Ideal for lighting parks, gardens, squares, walkways, and bike paths, these lights are perfect for premium projects and professional Applications. Choose our solar garden lights for a reliable, high-performance, and attractive outdoor lighting solution.



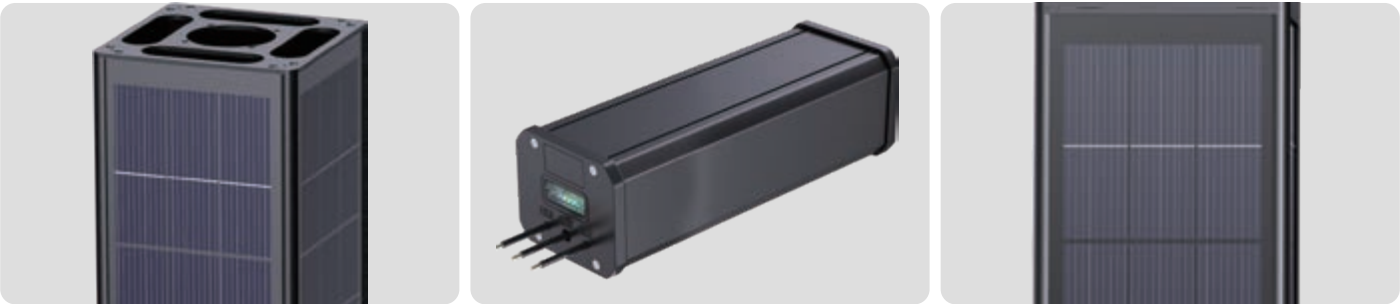
Applications

- Street, Road
- Bike Track, Pathway
- Residential, Villa
- Public Area, Park, Car Parking Lot
- Jetties, Coastal, Marina, Dock

SkyBeam Solar Lighting Pole



Main Specification	
Models	SKYBEAM Series
Pole Height	3200 / 3800 / 4200 / 4800 / 5800mm / customized
Lighting Performance	20W~100W 170lm/W
Solar Panel	140W~880W 18V/36V MONO
LiFePO4 Battery	460WH ~1536WH
Fixture color	Black / Gray / Customized
Motion sensor	PIR / Microwave
Solar Controller	High Efficiency 97% MPPT
Warranty	3 years





Lithium Battery Pack

Specially designed for built-in installation

Introducing the E&K Series Lithium Battery Pack – the ultimate power solution tailored for outdoor lighting and versatile Applications. Designed to fit seamlessly within lamp poles, the E & K Series redefines efficiency and durability, making it the perfect choice for solar streetlights, solar-powered surveillance systems, and solar advertising displays.

Crafted with a robust aluminum alloy casing and an IP67 waterproof rating, this battery pack is built to withstand the toughest environmental challenges. Its customizable capacity ensures it adapts to your unique energy needs, delivering unmatched performance.

Whether powering outdoor systems or providing rapid indoor electricity supply, the E & K Series guarantees reliability and flexibility. Elevate your projects with this state-of-the-art energy solution, engineered for excellence in every detail.



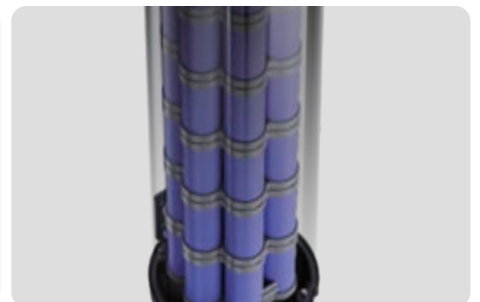
Applications

- Solar LED Street Lighting
- Solar Garden Lighting
- Solar CCTV System
- Solar Traffic Light System
- Portable Battery Storage System
- Household Power Energy



Main Specification

Battery Cell	6000mAh 3.2V 32700	15000mAh 3.2V 32140
Nominal Capacity	12.8V/25.6V 36AH~90AH	12.8V/25.6V 60AH~90AH
Charge Mode	C.C + C.V	•
Operating Temperature	-15°C ~ +65°C	•
Lifetime (D.OD. 60%)	4,000 cycles	•
Warranty	3 Years	•





MILIO

AIO Solar Street Light

The MILIO series is a premium, compact solar street light specifically engineered for use with lower light poles ranging from 3 to 6 meters in height. Designed with durability and performance in mind, it features a robust die-cast aluminum housing for superior heat dissipation and weather resistance. Powered by an advanced MPPT solar controller, MILIO ensures optimal energy conversion and battery charging efficiency.

The integrated A-grade LiFePO4 battery guarantees long-lasting, stable performance with extended lifespan. Ideal for urban pathways, residential streets, and parks, garden lighting etc, MILIO combines cutting-edge technology with a sleek, compact design for reliable outdoor lighting.



Applications

- Street, Road
- Bike Track, Pathway
- Residential, Villa
- Public Area, Park, Car Parking Lot
- Jetties, Coastal, Marina, Dock
- Farms, Fences, etc

MILIO AIO Solar Street Light



Main Specification		
Model	AIO-30WM	AIO-50WM
Lighting Performance	30W 5,100lm	50W 7,800lm
Solar panel	40W 18V MONO	60W 18V MONO
LiFePO4 battery	12.8V 307WH	12.8V 384WH
CCT	2700K~6000K	•
Motion sensor	PIR / Microwave	•
Solar Controller	High Efficiency 97% MPPT	
Dimension	737*350*83mm	920*380*98mm
Installation size	60mm	•
Warranty	3 years	•





ZAIN

AIO Solar Street Light

ZAIN is the perfect solar lighting for the outdoors, it caters requirements of all Applications, ZAIN has wide power ranges from 60W to 180W which apply pole heights from 4 meters to 14 meters. It is the latest compact solar street light, integrating the most cutting-edge technology of lithium battery and highest led technology as well as with highly efficient PV module and charge control technology. Always there is one suitable model for your project.



Applications

- Street, Road
- Bike Track, Pathway
- Residential, Villa
- Public Area, Park, Car Parking Lot
- Jetties, Coastal, Marina, Dock
- Farms, Fences, etc

ZAIN 60W~180W AIO Solar Street Light



Main Specification

Power Range	60W / 80W / 100W / 120W / 140W / 160W / 180W
Luminous Efficiency	180lm/W
Solar panel	82W~196W MONO
Battery Capacity	384WH~1382WH 12.8V/25.6V
CCT	2200K~6500K
Motion sensor	PIR / Microwave
Solar Controller	High Efficiency 97% MPPT
Installation height	4m~14m
Installation size	60mm / 76mm optional
Warranty	5 years





SHINEBOT

Self-Cleaning AIO Solar Street Light

Our all-in-one integrated solar street light combines advanced solar energy technology with innovative design features for reliable and efficient outdoor lighting. It features an automatic cleaning module that actively removes dust from the solar panel, ensuring optimal energy conversion. The rotatable LED module offers flexible light direction, while the versatile mounting bracket supports both vertical and horizontal installations. Equipped with a high-capacity battery and premium monocrystalline silicon solar panel, the street light delivers outstanding performance, including an impressive efficiency of up to 180 lm/W. This solution is ideal for modern urban infrastructure, delivering energy-saving, maintenance-friendly, and adaptable lighting for any environment.



Applications

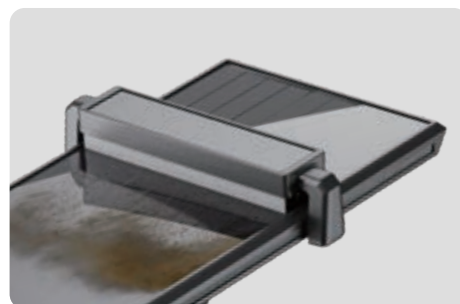
- Street, Road
- Bike Track, Pathway
- Residential, Villa
- Public Area, Park, Car Parking Lot
- Jetties, Coastal, Marina, Dock
- Farms, Fences, etc

SHINEBOT Self-Cleaning AIO Solar Street Light



Main Specification

Power Range	60W / 80W / 100W / 120W / 140W / 160W / 180W
Luminous Efficiency	180lm/W
Solar panel	82W~196W MONO
Battery Capacity	384WH~1382WH 12.8V/25.6V
CCT	2200K~6500K
Motion sensor	PIR / Microwave
Solar Controller	High Efficiency 97% MPPT
Installation height	4m~14m
Installation size	76mm
Warranty	5 years





OMEGA - Lux

Hurricane Resistant Solar Street Light

Designed and engineered in the USA, the pinnacle of solar lighting design. OMEGA - Lux is crafted with a robust and ultra-thick casing, this solar light is built to withstand extreme winds and resist the harsh effects of salty corrosion. Its sleek and modern appearance enhances the aesthetics of any setting while delivering unparalleled durability. OMEGA - Lux is versatile, perfect for parking lots, squares, residential areas, walkways, and bike paths, especially in coastal regions or islands where resilience is paramount. For enhanced reliability, it offers a hybrid 220V and solar-powered version, ensuring uninterrupted performance.

Engineered for premium projects, OMEGA - Lux combines cutting-edge technology with exceptional design, providing unmatched functionality and elegance. Elevate your lighting projects with a solution that's as tough as it is beautiful.



Applications

- Street, Road
- Bike Track, Pathway
- Residential, Villa
- Public Area, Park, Car Parking Lot
- Jetties, Coastal, Marina, Dock
- Farms, Fences, etc

OMEGA-Lux Hurricane Resistant Solar Street Light



Main Specification		
Model	AIO-80WS	AIO-100WS
Lighting Performance	80W 13,600lm	100W 17,000lm
Solar panel	125W 18V MONO	•
LiFePO4 battery	12.8V 45AH	12.8V 60AH
CCT	2200K ~ 6000K	•
Solar Controller	High Efficiency 97% MPPT	•
Motion Sensor	PIR / Microwave Optional	•
Dimension	960*700*330mm	•
Installation size	76mm	•
Warranty	5 years	•





OMEGA - Plus

Integrated Solar Street Lights

Building on the Omega legacy, the Omega-Plus Series combines elite durability and modern aesthetics for high-end solar applications. Its aerospace-grade aluminum alloy housing, IP68-rated and corrosion-resistant, protects a high-capacity LiFePO4 battery paired with the high-efficiency MPPT controller, ensuring reliable performance in extreme conditions.

The system supports seamless integration with interchangeable LED luminaires (15W-120W), offering flexibility for luxury residential, commercial, and smart-city projects. Featuring tool-free installation and customizable finishes, it balances sleek design with rugged functionality. The light head can be any model as required.



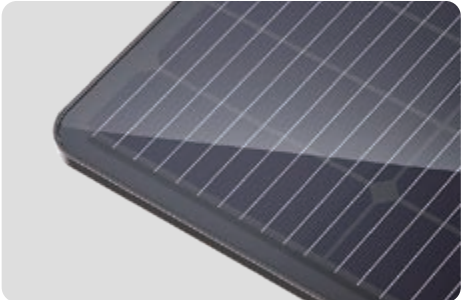
Applications

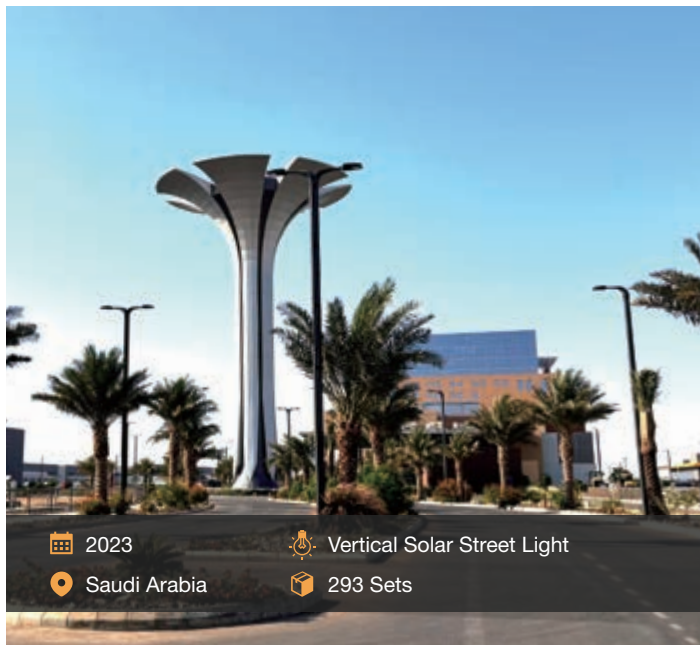
- Street Lighting
- Car Park Lighting
- Pathway Lighting
- Garden Lighting,
- Mine Lighting

OMEGA-Plus Integrated Solar Street Lights

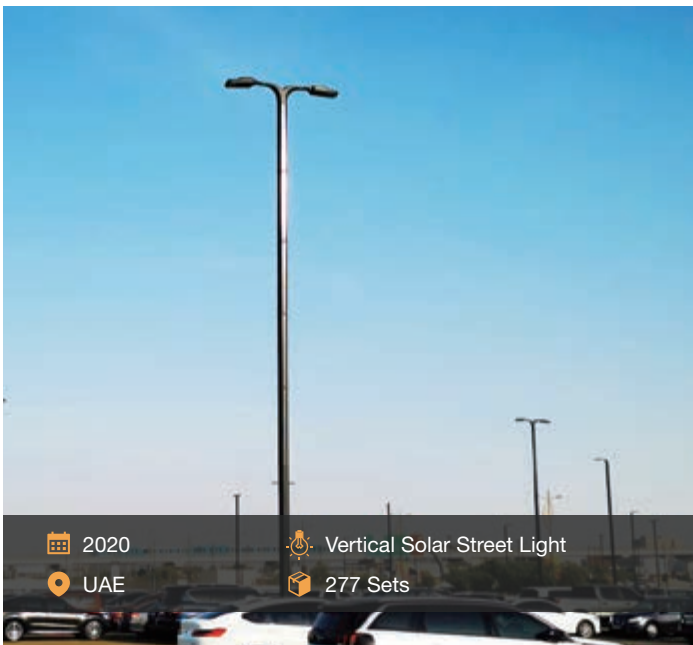


Main Specification	
Model	OMEGA - Plus
Lighting Performance	30W~80W adjustable 170lm/W
Solar panel	125W 18V MONO
LiFePO4 battery	12.8V 60AH~120AH Max
Solar Controller	High Efficiency 97% MPPT
Mounting Height	6~10M
Motion Sensor	PIR / Microwave Optional
Dimension	960*700*330mm
Installation size	76mm
Warranty	5 years

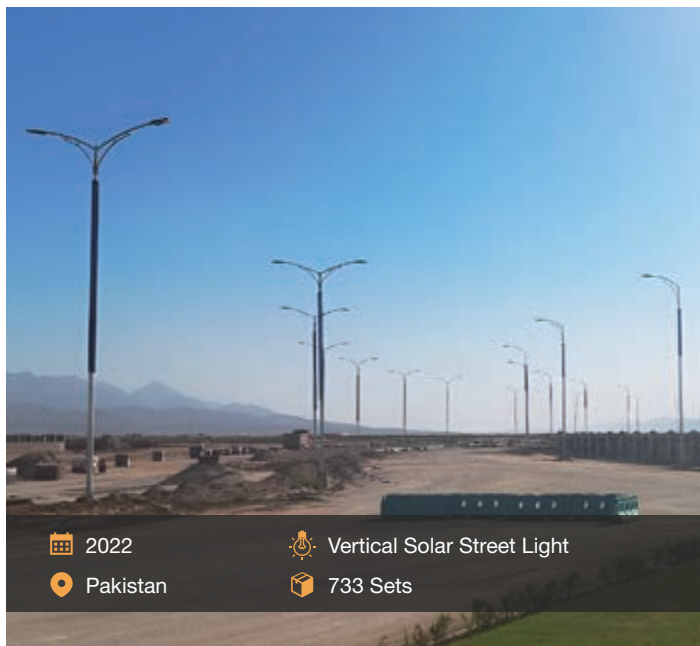




2023
Saudi Arabia
Vertical Solar Street Light
293 Sets



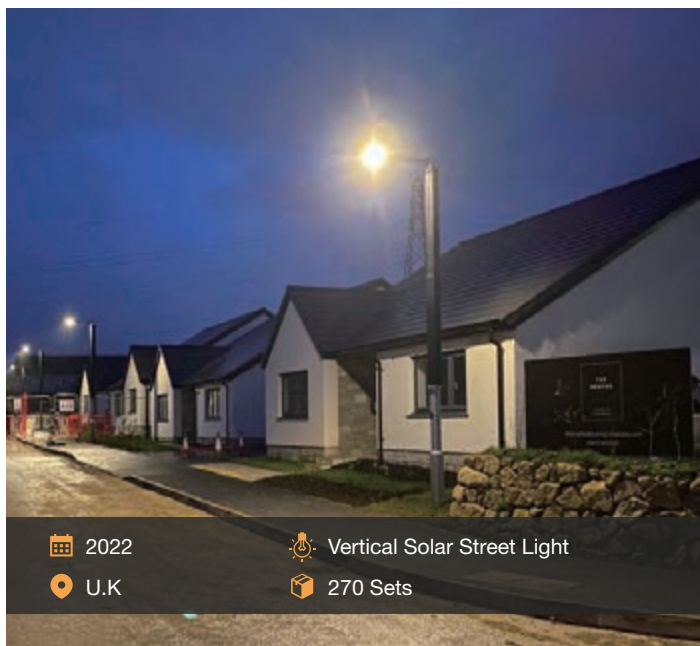
2020
UAE
Vertical Solar Street Light
277 Sets



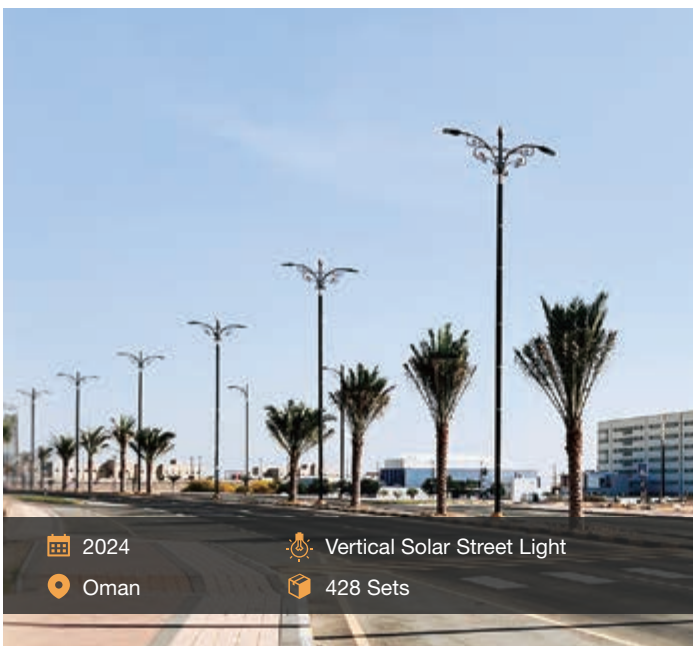
2022
Pakistan
Vertical Solar Street Light
733 Sets



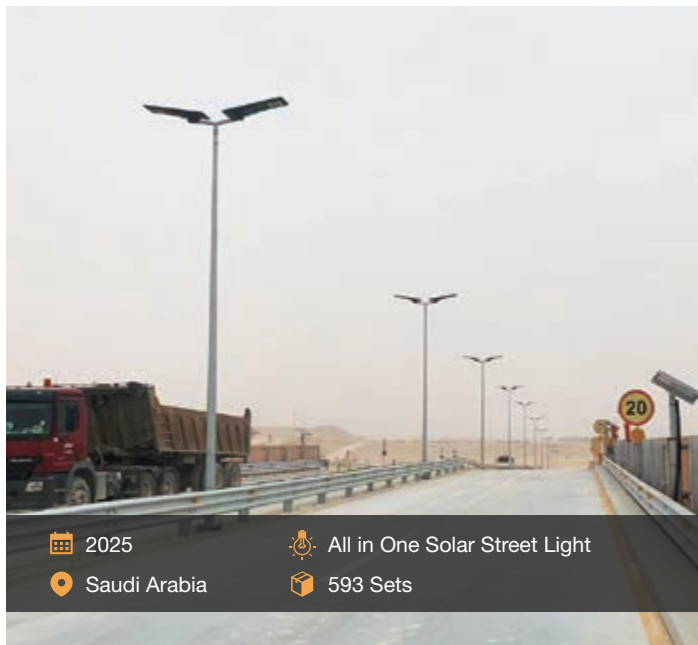
2021
United Kingdom
Vertical Solar Street Light
182 Sets



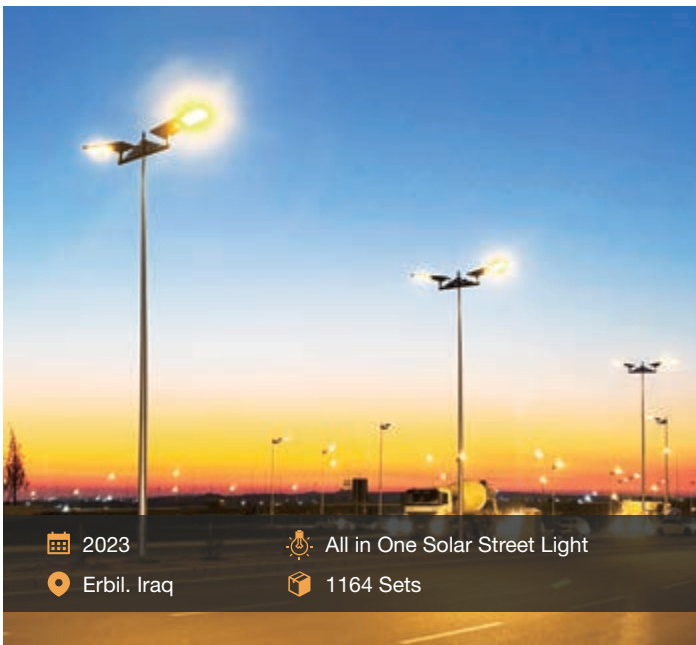
2022
U.K
Vertical Solar Street Light
270 Sets



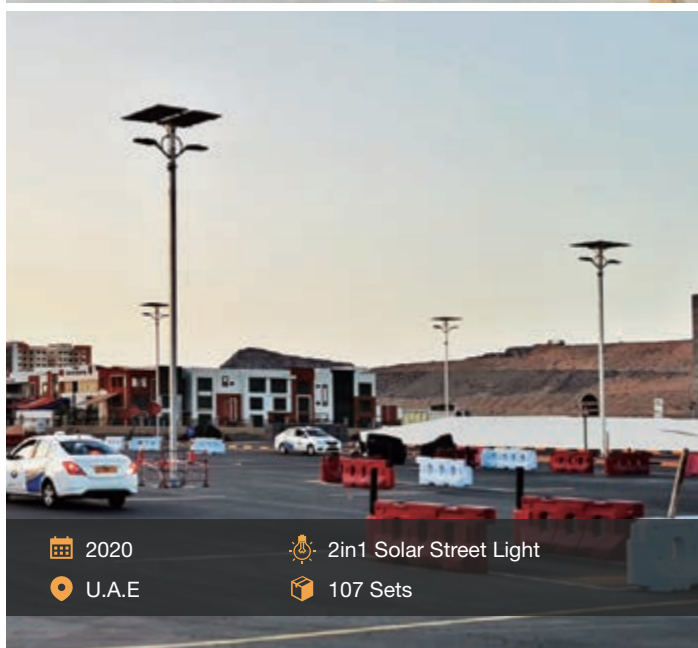
2024
Oman
Vertical Solar Street Light
428 Sets



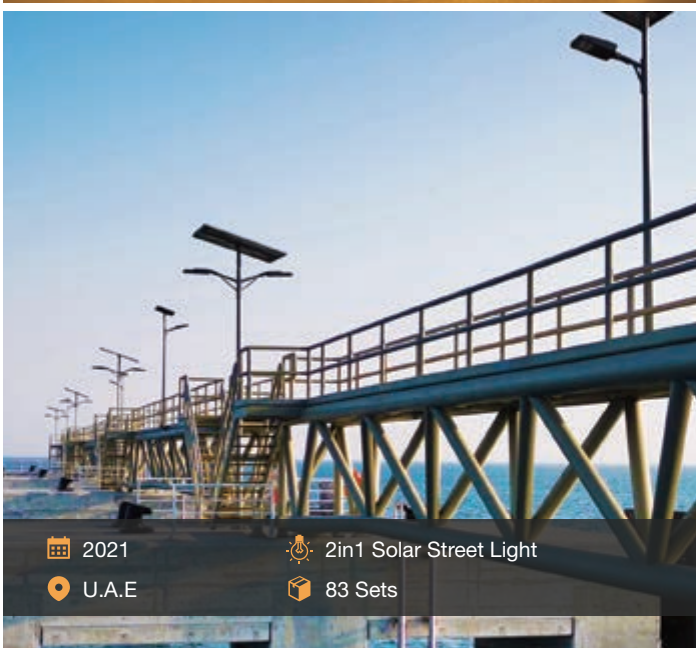
2025 All in One Solar Street Light
Saudi Arabia 593 Sets



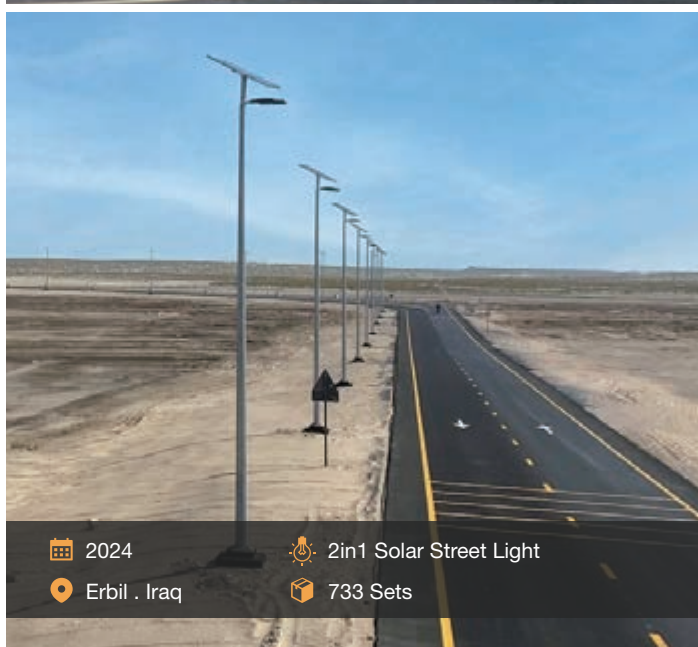
2023 All in One Solar Street Light
Erbil. Iraq 1164 Sets



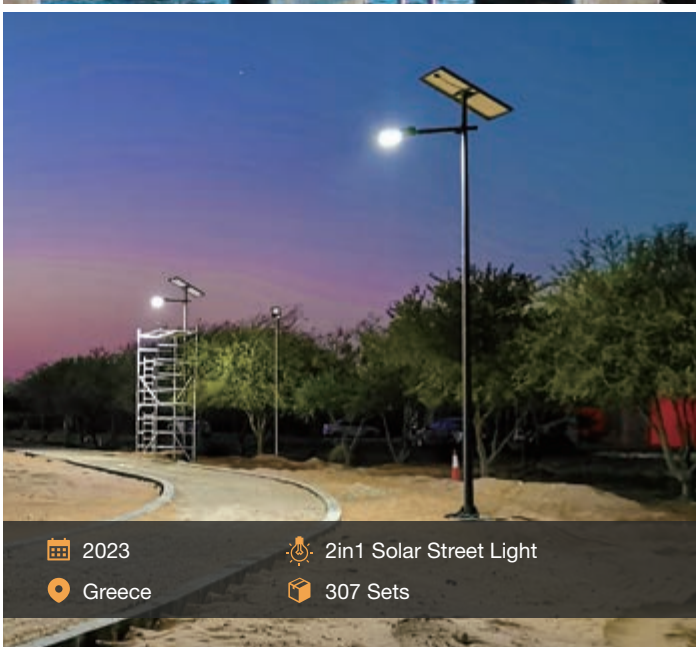
2020 2in1 Solar Street Light
U.A.E 107 Sets



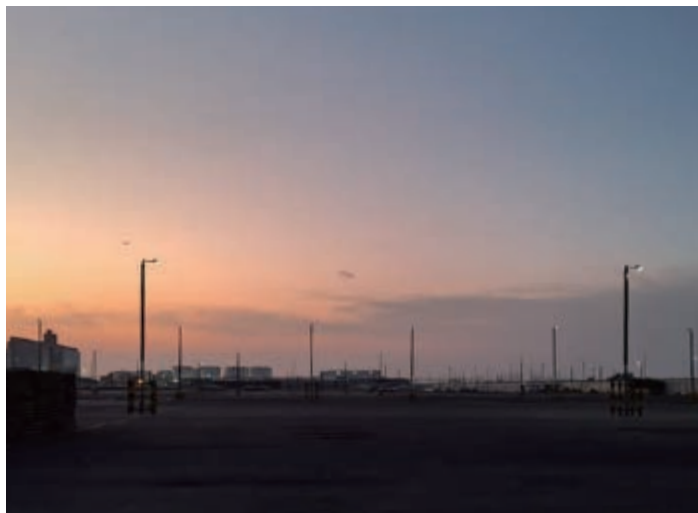
2021 2in1 Solar Street Light
U.A.E 83 Sets



2024 2in1 Solar Street Light
Erbil . Iraq 733 Sets



2023 2in1 Solar Street Light
Greece 307 Sets



2022
Mexico

Vertical Solar Street Light
411 Sets



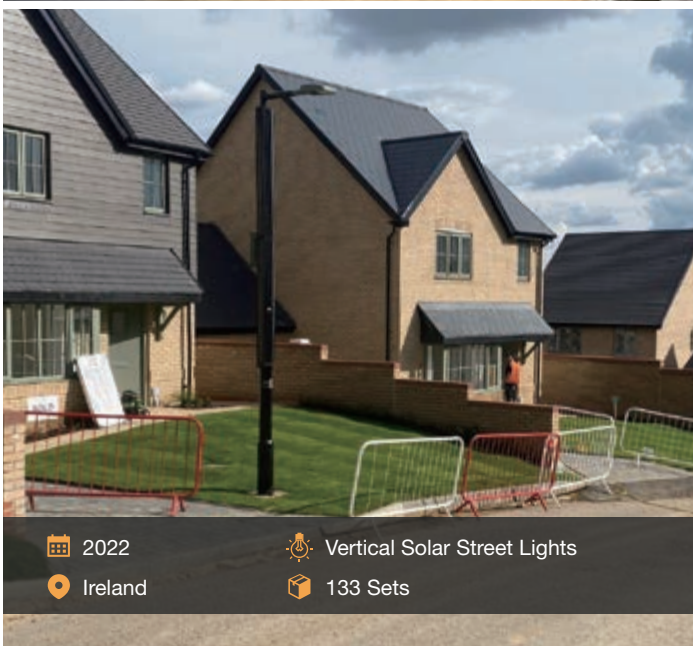
2023
Saudi Arabia

2in1 Solar Street / Flood Light
1335 Sets



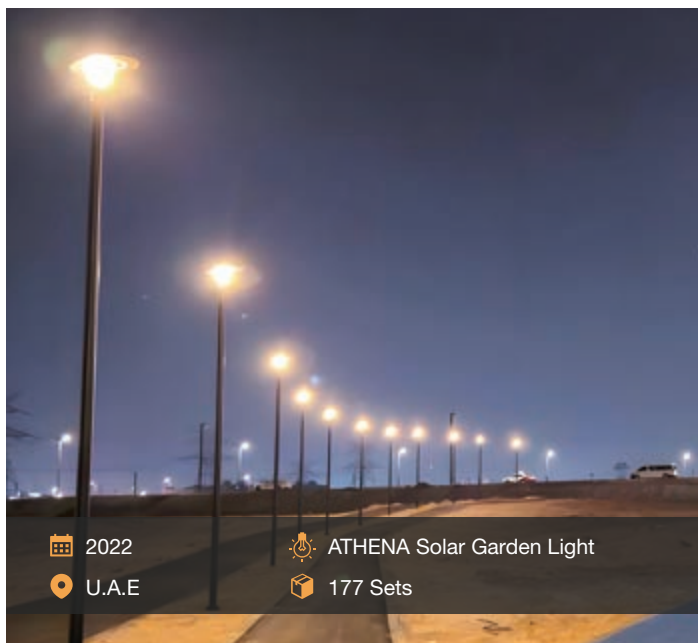
2020
New Zealand

Vertical Solar Street Light
64 Sets



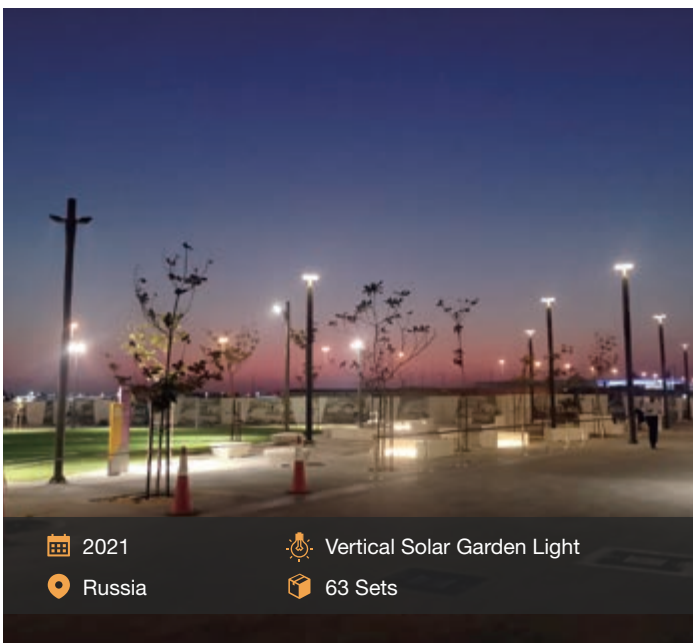
2022
Ireland

Vertical Solar Street Lights
133 Sets



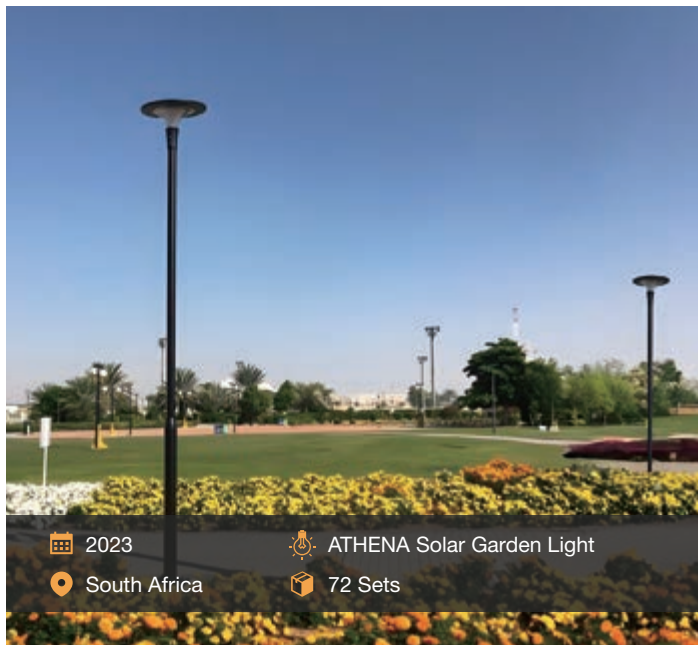
2022
U.A.E

ATHENA Solar Garden Light
177 Sets



2021
Russia

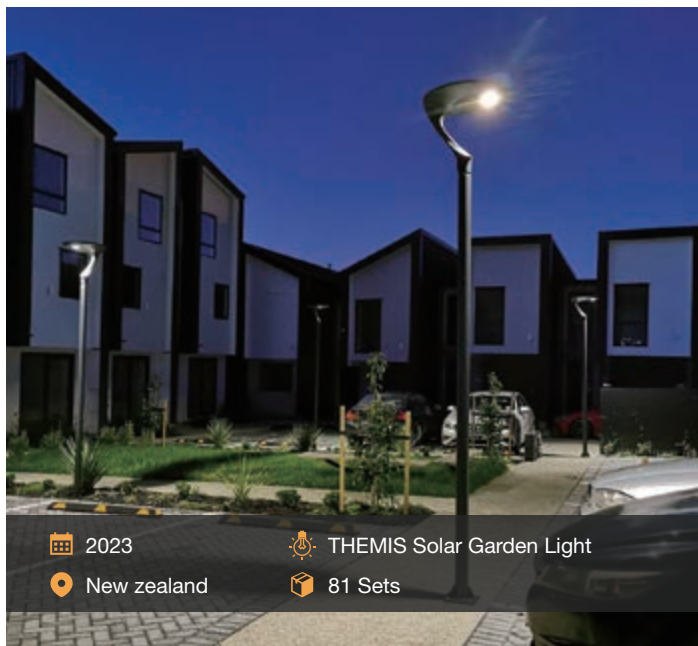
Vertical Solar Garden Light
63 Sets



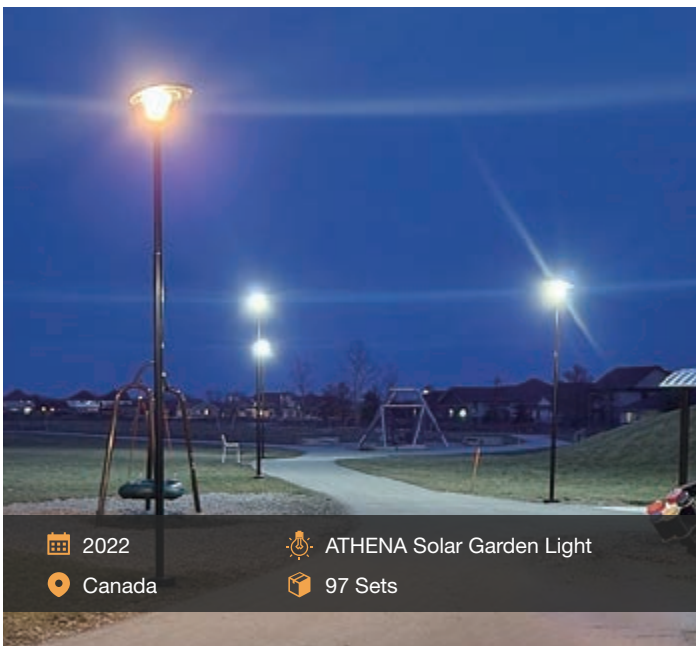
2023 ATHENA Solar Garden Light
South Africa 72 Sets



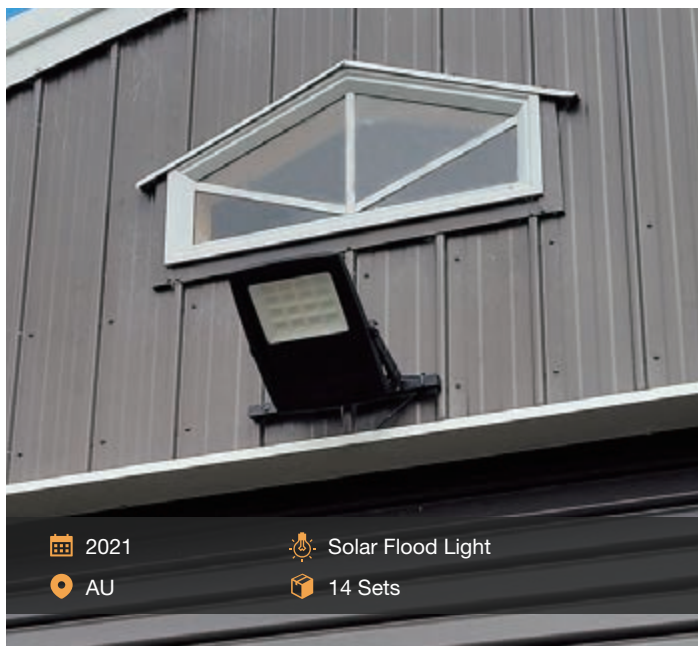
2022 Vertical Solar Garden Light
Italy 32 Sets



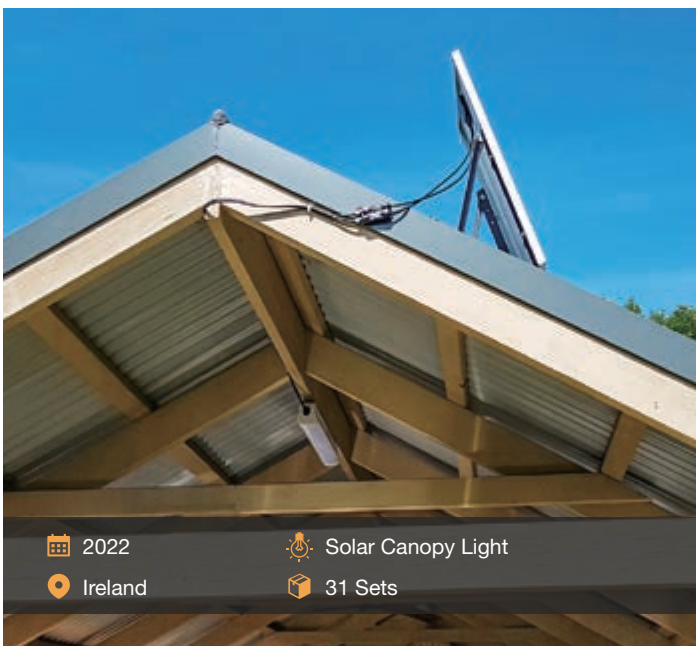
2023 THEMIS Solar Garden Light
New Zealand 81 Sets



2022 ATHENA Solar Garden Light
Canada 97 Sets



2021 Solar Flood Light
AU 14 Sets



2022 Solar Canopy Light
Ireland 31 Sets

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