

**POWERING A BRIGHTER FUTURE  
WITH SOLAR LIGHTS**



**Swaadle Lights™**

LIGHTING THE NATURAL WAY

OUTDOOR SOLAR LIGHTS  
MANUFACTURER



## HARNESSING NATURAL LIGHT TO ENHANCE SMART LIVING!

### ABOUT US

Swaaadle Lights, a flagship brand of Swaaadle Tech Pvt. Ltd., delivers cutting-edge solar-powered lighting solutions built to perform - anywhere, anytime.

From smart street lights to innovative solar bricks and architectural pathway lighting, our products are engineered for maximum efficiency, long-lasting durability, and modern aesthetics. With a focus on innovation and sustainability, we aim to light up spaces while reducing carbon impact.



**AT SWAAADLE,  
WE DON'T JUST CREATE LIGHTS,  
WE BUILD  
CONFIDENCE, RELIABILITY, AND  
SMARTER SPACES!**

Founded with a passion for clean energy, Swaaadle Lights is a fast-emerging solar lighting manufacturer headquartered in Chennai, Tamil Nadu, India.

**We design, engineer, and produce high-performance Solar Lighting Systems that are built to last.**



**2016**  
Foundation laid with a focus on IoT gadgets & smart home integration.

**2017**  
Developed central control hubs for third party IoT systems

**2018**  
Began in-house manufacturing of smart wearables, gadgets and Smart Water Saver

**2019**  
Shifted focus to renewable technologies, leading to the invention of the patented Solar Brick Lights

**2020**  
Unveiled the 0.5W solar brick light model at the Chennai Expo, receiving strong industry & consumer response

**2021**  
Despite the pandemic, Solar Brick Lights gained momentum across residential & outdoor commercial sectors

**2022**  
Upgraded to 1W version of solar brick lights for greater brightness and compatibility.

**2023**  
Introduced the 2.5W high-output rectangular solar brick lights for enhanced outdoor applications.

**2024**  
Diversified into a complete range of solar-powered products, featuring smart systems like motion & rain sensors

**2025**  
Focused on large-scale commercial deployment with in-house R&D of advanced solar charge controllers

We believe lighting shouldn't just work, it should work smart !!!

**AN END-TO-END  
SOLAR LIGHTING SOLUTION**

# PRODUCTION EXCELLENCE

Our production facility is more than a manufacturing unit - it's the engine behind our promise of quality, consistency, and scale. We operate a fully integrated setup, streamlining everything from component assembly to final quality checks.

Backed by a dedicated R&D division, we continuously innovate on product design, smart functionality, and durability to stay ahead of market needs.

With skilled experts and advanced manufacturing, we deliver high-volume, tailored solar lighting solutions-engineered for precision, built for performance, and delivered on time, every time.



# PATENT & CERTIFICATES

At Swaaadle Lights, product excellence is anchored in internationally accredited certifications that validate our engineering, safety, and manufacturing protocols.

## Core Certifications:

- **Patented Innovation** - Our innovative solar bricks technology is patent-protected, ensuring unmatched originality and performance - Technology You Can't Imitate.
- **ISO 9001:2015** - Quality management aligned with global best practices
- **CE** - Conformity to European health, safety, and environmental directives
- **RoHS** - Compliance with hazardous substance restrictions
- **GMP** - Controlled and compliant manufacturing environments

Our certifications reinforce a commitment to delivering products that meet the global-grade of performance, reliability, and regulatory compliance.



# Innovation & Core Technology

At Swaaadle Lights, we integrate advanced engineering with functional intelligence to deliver solar lighting solutions that perform reliably in real-world conditions. Our technology is designed to adapt, protect, and extend lighting performance in tough weather conditions.



## BMS Technology Battery Management System

Smart control for charging, discharging, and cell balancing. Ensures extended battery life, safety, and consistent performance.

- Temperature protection ( $\pm 3^{\circ}\text{C}$ )
- Voltage detection accuracy  $\pm 3\text{mV}$
- Communication via RS485



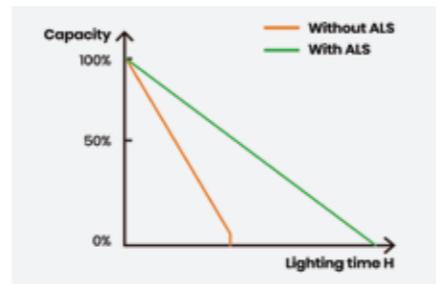
## Remote Monitoring & Smart Control

Bluetooth and 4G connectivity enable real-time system monitoring and configuration. Allows users to adjust settings, track performance, and access diagnostics from anywhere.



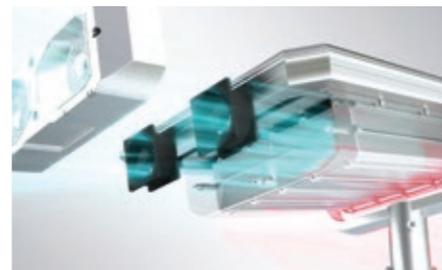
## Dual CCT Technology (Correlated Color Temperature)

Switch between warm white (3000K) and cool white (5700K) based on the lighting requirement. Ideal for residential and architectural applications.



## ALS Technology 2.4 Adaptive Lighting System 2.4

Automatically adjusts brightness based on battery capacity. Ensures 7-10 nights of uninterrupted lighting during cloudy or low-sunlight conditions.



## TCS Technology Thermal Control System

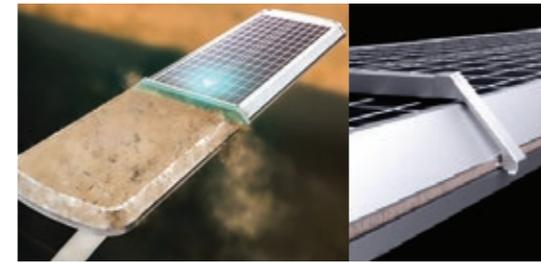
Safeguards batteries from extreme temperatures. Improves operational safety and extends product lifespan.

- Auto cut-off above  $55^{\circ}\text{C}$
- Integrated cooling system for efficient heat dissipation



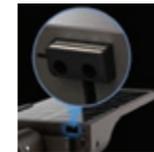
## Motion-Based Lighting (PIR Sensor)

Lights automatically brighten when motion is detected, reducing energy waste and increasing battery backup.



## Auto Clean Technology

Clean the solar panel automatically on time, and no labor maintenance are required.



## Rain Mode Detection

In rainy or low-light days, the system auto-adjusts brightness and power consumption to extend usage over 7-10 cloudy nights.



## VFT (Voltage Fluctuation Tolerance)

VFT allows the system to operate reliably even during unstable voltage inputs, safeguarding internal components and ensuring uninterrupted lighting.

# Smart Function

Swaaadle Lights integrates a comprehensive suite of smart features that go beyond basic solar functionality. Each product is thoughtfully engineered to adapt, perform, and simplify outdoor lighting—no matter the environment or application.

### Smart Display Interface

An intuitive LED screen provides real-time updates on battery level, lighting mode, and charging status—allowing users to stay informed at a glance.

### Multi-Source Charging

Compatible with solar, USB, and AC inputs, enabling uninterrupted lighting even during prolonged cloudy or low-sunlight conditions.

### Weatherproof & Durable Design

Built to withstand the toughest outdoor elements with IP65/IP68 protection—resistant to water, dust, and environmental stress.

### Long-Life Lithium Battery

High-capacity (efficient) lithium-ion batteries offer extended backup hours and consistent year-round performance.

### Auto Mode Adaptation

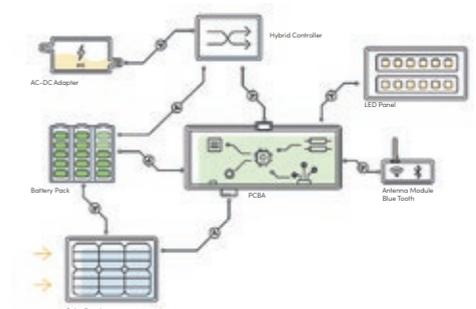
Lighting automatically adjusts based on ambient conditions or pre-set modes, reducing energy usage while maintaining optimal visibility.

### Remote Monitoring & Control (on select models)

Bluetooth and 4G options allow users to monitor system performance, adjust settings, and receive alerts remotely—ideal for large-scale or smart city projects.

# Hybrid Function

Combines solar and grid power for uninterrupted lighting. Solar remains the primary source, while grid power supports only when needed ensuring reliable performance in all weather.



# Commercial Customization

## Light Up Spaces without Bills or Hassles

The Future of Street Lighting is Solar – And it starts with you

At Swaaadle Lights, we build solar-powered street lights that are designed not just to glow, but to perform – every night, in every weather, without running up your electricity bill. Whether you're lighting a factory, a college campus, a residential street, or a government road, our solar lights are built to match your site's exact needs – from brightness to backup to battery size.



## What Makes Swaaadle Different?



### True Brightness You Can Trust

When we say 60W, 100W, or 150W, we mean real lighting output – the kind you'd expect from AC lights. No inflated numbers.



### Lights That Work Even on Cloudy Days

Our systems are built with enough battery power to keep lights on for 2–3 nights, even without sunlight. Perfect for monsoons or bad weather.

## Why Solar for Commercial Spaces?

- No wiring. No grid dependency. No electricity bills.
- Reduce your carbon footprint while saving thousands every year
- Quick installation with zero trenching or cable work
- Ideal for government projects, industrial zones, schools, and private roads



### Built With Branded Components

Every Swaaadle light is powered by premium batteries, high-efficiency solar panels, and top-grade LEDs – so it performs better and lasts longer.



### Up to 5 Years Warranty

Long-term peace of mind with service and support across India.

## Who We Work With

- Industrial Facilities & SEZs
- Corporate Offices & Campuses
- Government Street Projects
- Gated Communities
- Schools & Colleges



# Let's Build It – Together

## Customize What Fits Your Project

### All-in-One Solar Street Lights

A compact solution – solar panel, battery, and light all in one unit.

**Best for:** Government roads, corporate campuses, large industries

**Lighting Output:** Up to 150W equivalent

**Battery Backup:** 2–3 nights

**Features:** Auto ON/OFF, motion sensor dimming

**Installation:** Quick and simple, ideal for small to mid-sized projects



### Semi-Integrated Solar Street Lights

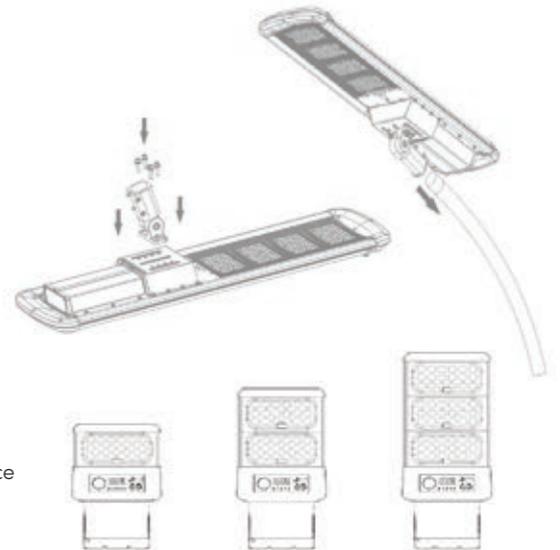
Flexible setup with separate solar panel for better performance.

**Best for:** Housing communities, schools, small roads

**Lighting Output:** Up to 80W+ equivalent

**Battery Backup:** 3+ nights with smart backup logic

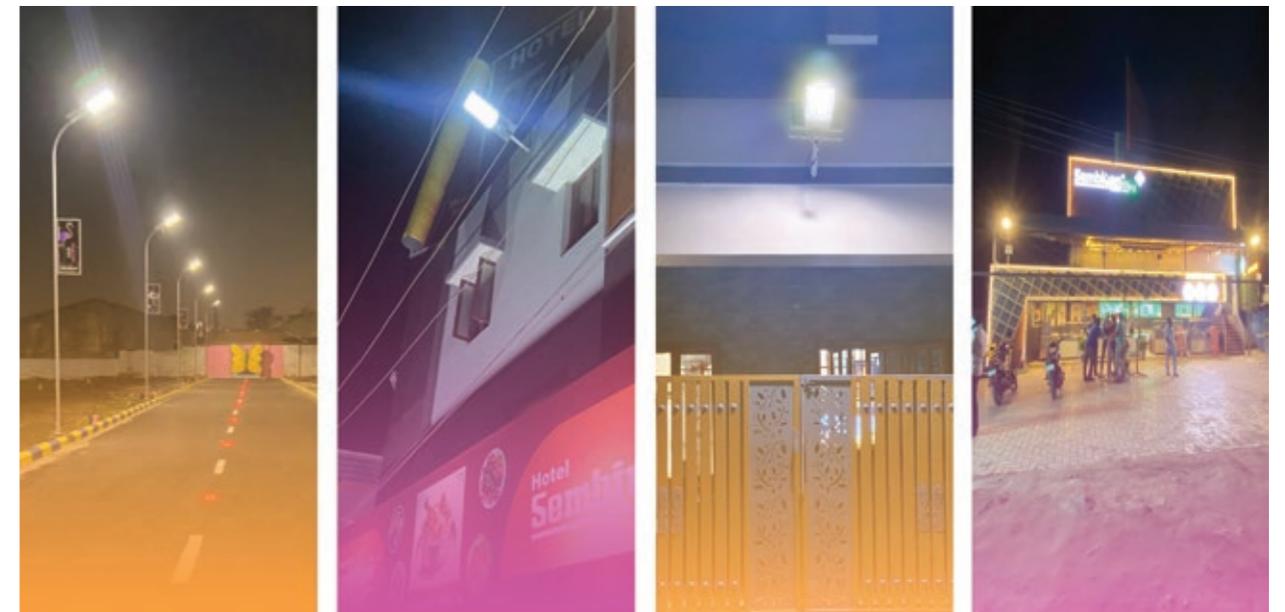
**Features:** Motion detection, remote settings



## Why Our Clients Trust Swaaadle

- We customize every unit based on your site and budget
- We deliver what we promise – no technical jargon, just real performance
- You get a long-term partner, not just a product seller

Let us help you switch to clean, cost-saving lighting – without compromising on performance.



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Embedded solar studs for road safety and guidance



# GARDEN



# LIGHTS



## Swaaadle SolarBricks®

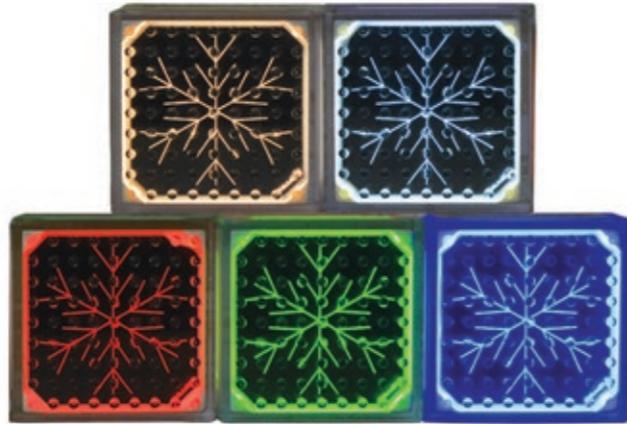
### 0.5W & 1W SQUARE



SELF-CHARGE



ECO-FRIENDLY



### 0.5W

**Power Rating :** 0.5W  
**Luminous Flux :** 50 lm  
**Colours :** 3000K / 6000K / Red / Green / Blue  
**Pattern :** Snow / Lotus / Blank / Custom  
**Dimension :** 100mm x 100mm x 47mm  
**Working Temperature :** -10°C ~ +45°C  
**Life Span :** >50000 Hours  
**Battery :** Inbuilt 2200 mAh Lithium-ion Battery  
**Charging Time :** 6-9 hours (daytime)  
**Backup :** 18 hours to 36 hours  
**Warranty :** 1 Year

### LOGO CUSTOMIZATION



### 1W

**Power Rating :** 1W  
**Luminous Flux :** 150 lm  
**Colours :** 3000K / 6000K / Red / Green / Blue  
**Pattern :** Snow / Lotus / Blank / Custom  
**Dimension :** 100mm x 100mm x 47mm  
**Working Temperature :** -10°C ~ +45°C  
**Life Span :** >50000 Hours  
**Battery :** Inbuilt 2200 mAh Lithium-ion Battery  
**Charging Time :** 7-9 hours (daytime)  
**Backup :** 12 hours to 20 hours  
**Warranty :** 1 Year

Light up your outdoors with Swaaadle Solar Bricks.

Solar LED Brick Light is a compact lighting device which absorbs solar energy during the day & automatically lights up during the night.

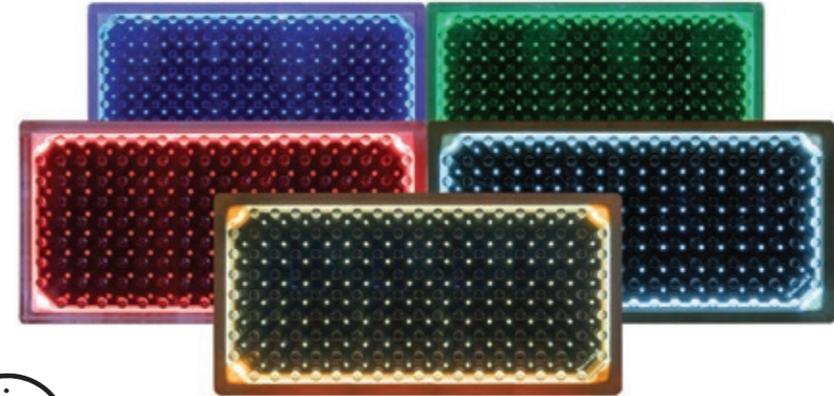


IP 68



DURABLE

### 2.5W RECTANGULAR



ECO-FRIENDLY



SELF-CHARGE

### 2.5W

**Power Rating :** 2.5W  
**Luminous Flux :** 250 to 300 lm  
**Colours :** 3000K / 6000K / Red / Green / Blue  
**Pattern :** Crown / Interlock / Flower / Blank  
**Working Temperature :** -10°C ~ +45°C  
**Life Span :** >50000 Hours  
**Battery :** Inbuilt 2200 mAh Lithium-ion Battery  
**Charging Time :** 7-9 hours (daytime)  
**Backup :** 12 hours to 18 hours

MADE UP OF POLYCARBONATE BEARS UPTO 2 TONS OF WEIGHT

WATER & DUST PROTECTION IP68

DIMENSION 200x100x47 mm

WARRANTY 1 YEAR



# Solar Bollards



## BRIGHT

**RC- 100 - 40 / 60**

### SPECIFICATION

**Dimension :** 160\*400mm / 600mm  
**Material :** Aluminium  
**Solar Panel :** 5W / 6V Monocrystalline Panel  
**Battery type :** Lithium-ion 3.7V 4400mAH  
**IP Grade :** IP65  
**Charging Time :** 6 hours  
**Working Time :** 12+ hours  
**LED :** 1 piece  
**Lumens :** 500 / 700  
**Wattage :** 5W / 10W  
**Colour :** 3000k / 6000k\*



## BRIGHT

**SSL - SQ - 100 - 40 / 60**

### SPECIFICATION

**Dimension :** 150\*150\*400mm / 600mm  
**Material :** Aluminium  
**Solar Panel :** 5W / 6V Monocrystalline Panel  
**Battery type :** Lithium-ion 3.7V 4400mAH  
**IP Grade :** IP65  
**Charging Time :** 6 hours  
**Working Time :** 12+ hours  
**LED :** 1 piece  
**Lumens :** 500 / 700  
**Wattage :** 5W / 10W  
**Colour :** 3000k / 6000k\*

## BRIGHT

**SSL - SQL - 100 - 40 / 60**

### SPECIFICATION

**Dimension :** 150\*150\*400mm / 600mm  
**Material :** Aluminium  
**Solar Panel :** 5W / 6V Monocrystalline Panel  
**Battery type :** Lithium-ion 3.7V 4400mAH  
**IP Grade :** IP65  
**Charging Time :** 6 hours  
**Working Time :** 12+ hours  
**LED :** 1 piece  
**Lumens :** 500 / 700  
**Wattage :** 5W / 10W  
**Colour :** 3000k / 6000k\*



## BRIGHT

**SSL -CR -100-40 / 60**

### SPECIFICATION

**Dimension :** 160\*400mm / 600mm  
**Material :** Aluminium  
**Solar Panel :** 5W / 6V Monocrystalline Panel  
**Battery type :** Lithium-ion 3.7V 4400mAH  
**IP Grade :** IP65  
**Charging Time :** 6 hours  
**Working Time :** 12+ hours  
**LED :** 1 piece  
**Lumens :** 500 / 700  
**Wattage :** 5W / 10W  
**Colour :** 3000k / 6000k\*

## BRIGHT

**SSL - CRL-100 - 60**

### SPECIFICATION

**Dimension :** 180\*600mm  
**Material :** Aluminium  
**Solar Panel :** 5W / 6V Monocrystalline Panel  
**Battery type :** Lithium-ion 3.7V 4400mAH  
**IP Grade :** IP65  
**Charging Time :** 6 hours  
**Working Time :** 12+ hours  
**LED :** 48 piece  
**Lumens :** 700  
**Wattage :** 10W  
**Colour :** 3000k - 4500k - 6000k\*  
 Remote controlled



# Solar Spike

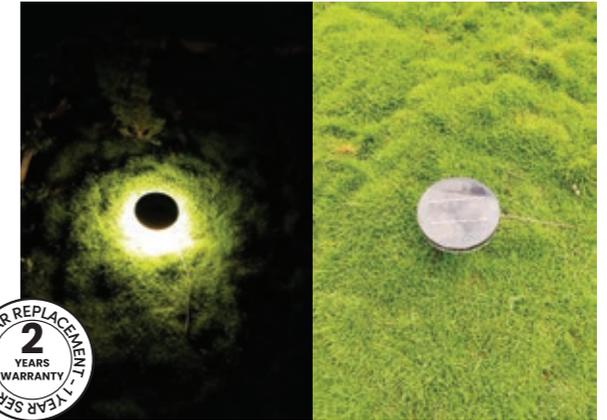


## BRIGHT

**SSL - CRL-100 - 31**

### SPECIFICATION

**Dimension :** 180\*310mm  
**Material :** Aluminium  
**Solar Panel :** 5W / 6V Monocrystalline Panel  
**Battery type :** Lithium-ion 3.7V 4400mAH  
**IP Grade :** IP65  
**Charging Time :** 6 hours  
**Working Time :** 12+ hours  
**LED :** 48 piece  
**Lumens :** 700  
**Wattage :** 8W  
**Colour :** 3000k - 4500k - 6000k\*  
 Remote Controlled



## BRIGHT

**SSL-FOL-50**

### SPECIFICATION

**Dimension :** 562\*89\*85mm  
**Material :** Aluminium Alloy  
**Solar Panel :** 1.4W / 4.4V Monocrystalline Panel  
**Battery :** Lithium-ion 2000mAh  
**IP Grade :** IP65  
**Charging Time :** 6 hours  
**Working Time :** 10-12+ hours  
**Lumens :** 500lms  
**Wattage :** 5W  
**Colour :** 3000K

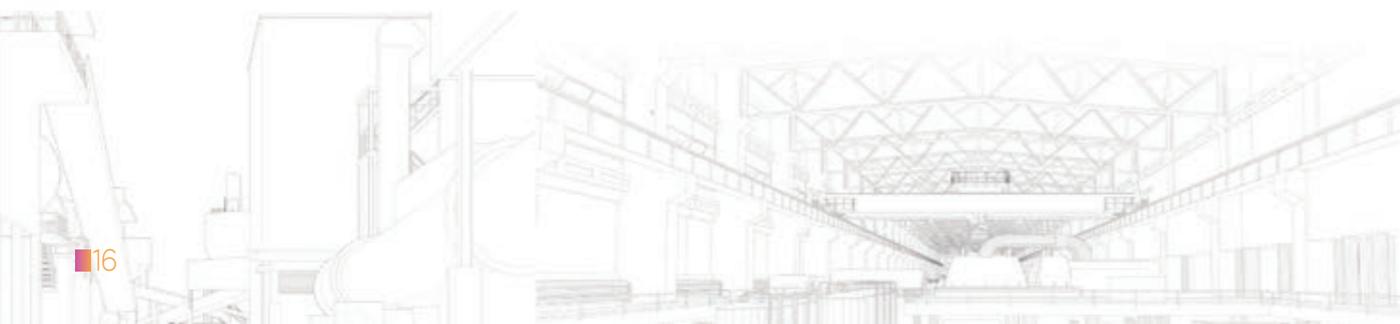




# PERIMETER



# LIGHTS



## Solar Gate Lights



### FLASH-2004

#### SPECIFICATION

**Dimension :** 300\*H300mm  
**Material :** PC Clear  
**Solar Panel :** 5V/5W Monocrystalline Panel  
**Battery :** 3.2V 6000mAH  
**IP Grade :** IP64  
**Charging Time :** 8 hours  
**Working Time :** 24-36 hours  
**Wattage :** 10W  
**Colour :** LED 66 White / 66 Warm White / RGB  
**Working Type :** Light Control + Remote Control



### FLASH-3004

#### SPECIFICATION

**Dimension :** 300\*H330mm  
**Material :** PC Clear  
**Solar Panel :** 5V/5W Monocrystalline Panel  
**Battery :** 3.2V 6000mAH  
**IP Grade :** IP64  
**Charging Time :** 8 hours  
**Working Time :** 24-36 hours  
**Wattage :** 10W  
**Colour :** LED 66 White / 66 Warm White / RGB  
**Working Type :** Light Control + Remote Control



### FLASH-4004

#### SPECIFICATION

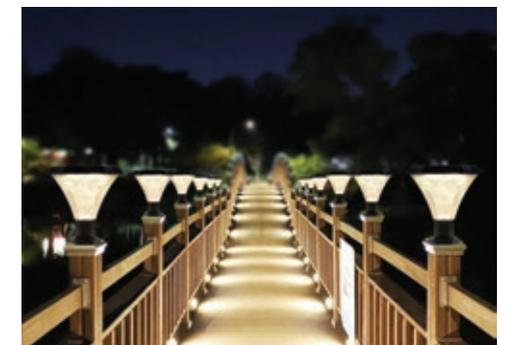
**Dimension :** 220\*220\*H260mm  
**Material :** PC Clear  
**Solar Panel :** 5V/5W Monocrystalline Panel  
**Battery :** 3.2V 6000mAH  
**IP Grade :** IP64  
**Charging Time :** 8 hours  
**Working Time :** 24-36 hours  
**Wattage :** 10W  
**Colour :** LED 66 White / 66 Warm White  
**Working Type :** Light Control + Remote Control



### FLASH-5004

#### SPECIFICATION

**Dimension :** 295\*295\*H300  
**Material :** PC Clear  
**Solar Panel :** 5V/5W Monocrystalline Panel  
**Battery :** 3.2V 6000mAH  
**IP Grade :** IP64  
**Charging Time :** 8 hours  
**Working Time :** 24-36 hours  
**Wattage :** 10W  
**Colour :** LED 66 White / 66 Warm White / RGB  
**Working Type :** Light Control + Remote Control



# Solar Gate Lights

## FLASH-6004

### SPECIFICATION

- Dimension :** 295\*295\*H300
- Material :** PC Clear
- Solar Panel :** 5V/5W  
Monocrystalline Panel
- Battery :** 3.2V 6000mAh
- IP Grade :** IP64
- Charging Time :** 8 hours
- Working Time :** 24-36 hours
- Wattage :** 10W
- Colour :** LED 66 White / 66 Warm White / RGB
- Working Type :** Light control + remote control



## FLASH-7004

### SPECIFICATION

- Dimension :** 215\*170\*188mm
- Material :** ABS + PC
- Solar Panel :** 4.4V /1.5W  
Monocrystalline Panel
- Battery Type:** Lithium-ion 2000mAh
- IP Grade:** IP64
- Charging Time :** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 1000lms
- Wattage:** 10W
- Colour:** 4000k
- Motion Sensor :** 4 dimmable modes



## FLASH-8004

### SPECIFICATION

- Dimension :** 254\*159\*159mm
- Material :** Aluminium + PC
- Solar Panel:** 5V /1.9W  
Monocrystalline Panel
- Battery Type:** Lithium-ion 2000mAh
- IP Grade:** IP65
- Charging Time :** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 500lms
- Wattage:** 5W
- Colour:** 3000k
- Lighting Modes:** 2 Angles



# Solar Wall Lights

## METEOR-001

### SPECIFICATION

- Dimension:** 178\*65\*42mm
- Material:** ABS+ PC
- Solar Panel:** 5V/1.4W  
Monocrystalline Panel
- Battery Type:** Lithium-ion 2000mAh
- IP Grade:** IP44
- Charging Time:** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 700lms
- Wattage:** 7W
- Colour:** 4000k
- Up:** 200lms, **Down:** 500lms



Vertical Pole

Horizontal Pole

On The Wall

## METEOR-002

### SPECIFICATION

- Dimension:** 283\*63\*60mm
- Material:** ABS+ PC
- Solar Panel :** 5V/1.6W  
Monocrystalline Panel
- Battery Type:** Lithium-ion 2000mAh
- IP Grade:** IP54
- Charging Time :** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 1000lms
- Wattage:** 10W
- Colour:** 4000k



## METEOR-003

### SPECIFICATION

- Dimension:** 150\*158\*50mm
- Material:** ABS
- Solar Panel:** 5V /1.6W  
Monocrystalline Panel
- Battery Type:** Lithium-ion 2000mAh
- IP Grade:** IP54
- Charging Time :** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 1000lms
- Wattage:** 10W
- Colour:** 4000K

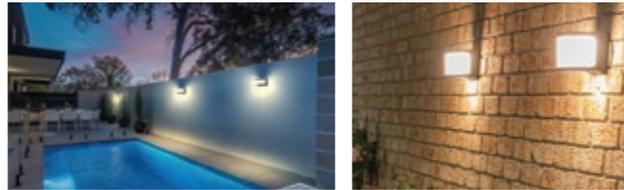


# Wall Lights

## METEOR-004

### SPECIFICATION

- Dimension:** 123\*127\*131mm
- Material:** Aluminium Alloy + PC
- Solar Panel:** 5V/1.5W Monocrystalline Panel
- Battery Type:** Lithium-ion 2000mAh
- IP Grade:** IP65
- Charging Time:** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 1000lms
- Wattage:** 10W
- Colour:** 3000K



## METEOR-005

### SPECIFICATION

- Dimension:** 126\*120\*120mm
- Material:** ABS + PC
- Solar Panel:** 5V/3W Monocrystalline Panel
- Battery Type:** Lithium-ion 4000mAh
- IP Grade:** IP54
- Charging Time:** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 1400lms
- Wattage:** 14W
- Colour:** 4000K
- Up:** 400lm, **Down:** 1000lm
- Lighting Modes:** 4

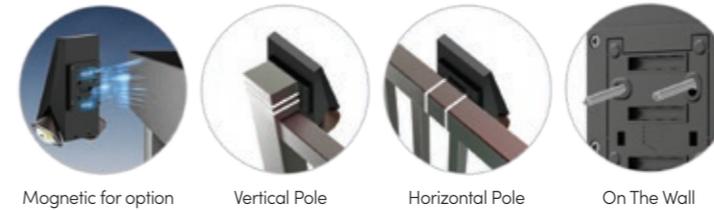


# Wall Lights

## METEOR-006

### SPECIFICATION

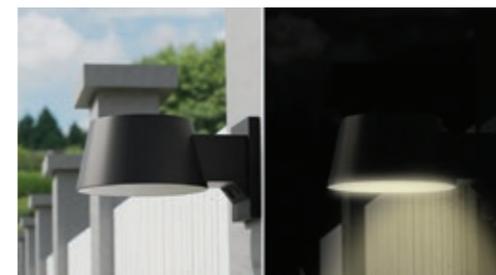
- Dimension:** 139\*119\*54 mm
- Material:** ABS + PC
- Solar Panel:** 5V /1.3W Monocrystalline Panel
- Battery Type:** Lithium-ion 2000mAh
- IP Grade:** IP44
- Charging Time:** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 800lms
- Wattage:** 8W
- Colour:** 4000K
- Left/Right lamp head - 400lm each**



## METEOR-007

### SPECIFICATION

- Dimension:** 209\*162\*100mm
- Material:** ABS + PC
- Solar Panel:** 5V/1.5W Monocrystalline Panel
- Battery Type:** Lithium-ion 2000mAh
- IP Grade:** IP54
- Charging Time:** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 1000lms
- Wattage:** 10W
- Colour:** 4000K
- Lighting Modes:** 4 Angles



# Solar Table Light

## LIORA

### SPECIFICATION

- Dimension:** 72\*218mm
- Material:** ABS + PC
- Solar Panel:** 5V/0.5W Monocrystalline Panel
- Battery Type:** Lithium-ion 2000mAh
- IP Grade:** IP44
- Charging Time:** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 500lms
- Wattage:** 5W
- Colour:** 4000K
- Solar Charging and TYPE-C Charging**



# Flood Lights

## LENS

MODEL	LENS-50	LENS-120	LENS-150	LENS-200
Lamp Power	50W	120W	150W	200W
LED Qty	50pcs led	120pcs led	150pcs led	200pcs led
Solar Panel	Mono 6V/20W	Mono 6V/25W	Mono 6V/30W	Mono 6V/35W
Battery Capacity	3.2V 18000mAH	3.2V 24000mAH	3.2V 30000mAH	3.2V 36000mAH
Lamp Size (mm)	186x158x52	222x171x52	278x219x52	351x246x60
Lighting Area	20m2	25m2	30m2	35m2
Install Height	4 meters	4 meters	5 meters	5 meters
Lamp Material	Die-cast Aluminium + PC Lens			
LED Color	6000-6500K			
IP Grade	IP67			
LED Life	50000 hours.			
Charging time	4-6 hours			
Lighting time	20-24 hours*			
Mode	Light Induction, Time Control+ Intelligent Remote Control			



# Solar Pole Light

## MAX - 300

### SPECIFICATION

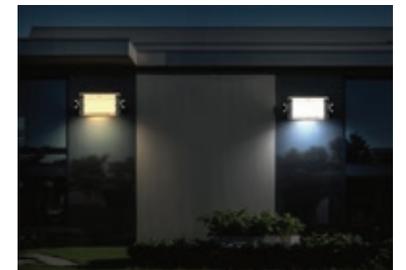
- Lamp Power:** 300W
- Solar Panel:** Monocrystalline 6V/25W
- Battery:** 3.2V 30000mAh
- Lamp Size (dia):** 550mm
- Pole Diameter:** 60mm
- Installation Height:** 4 meters
- Lighting Area:** 30m2
- Lighting Angle:** 120°
- Lamp Material:** ABS + PC Cover
- LED Color:** 6000-6500K : **IP Grade:** IP65
- Charging time:** 4-6 hours : **Lighting time:** 12-15 hours
- Mode:** Light Induction, Time Control + Remote Control + Radar Induction



## SHINE - 30

### SPECIFICATION

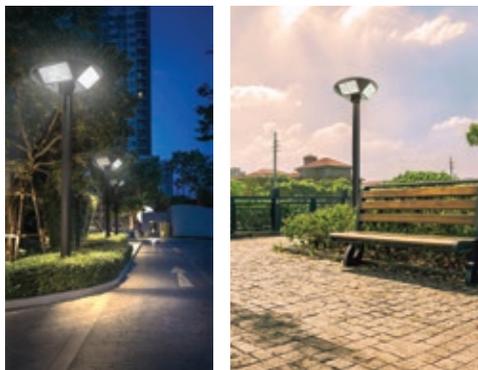
- Dimension:** 190\*104\*80mm
- Material:** Aluminium Alloy
- Solar Panel:** 14V/5W Monocrystalline Panel
- Battery Type:** Lithium Ion 8Ah
- IP Grade:** IP65
- Charging Time:** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 3000lms
- Wattage:** 30W
- Colour:** 3000K & 5700K
- Remote Controlled**

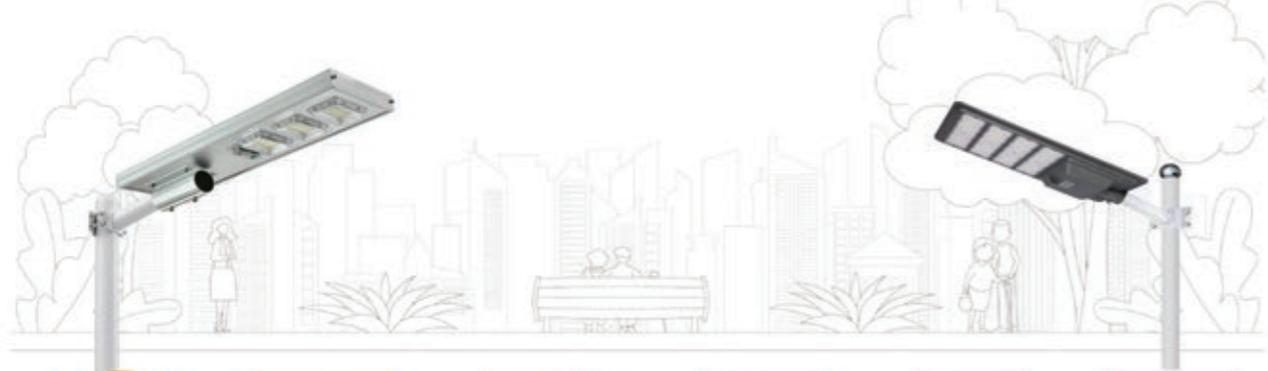


## SHINE - 60

### SPECIFICATION

- Dimension:** 313\*104\*80mm
- Material:** Aluminium Alloy
- Solar Panel:** 14V/10W Monocrystalline Panel
- Battery Type:** Lithium-ion 16Ah
- IP Grade:** IP65
- Charging Time:** 6 hours
- Working Hours:** 10-12 hours
- Lumens:** 6000lms
- Wattage:** 60W
- Colour:** 3000k & 5700k
- Remote Controlled**

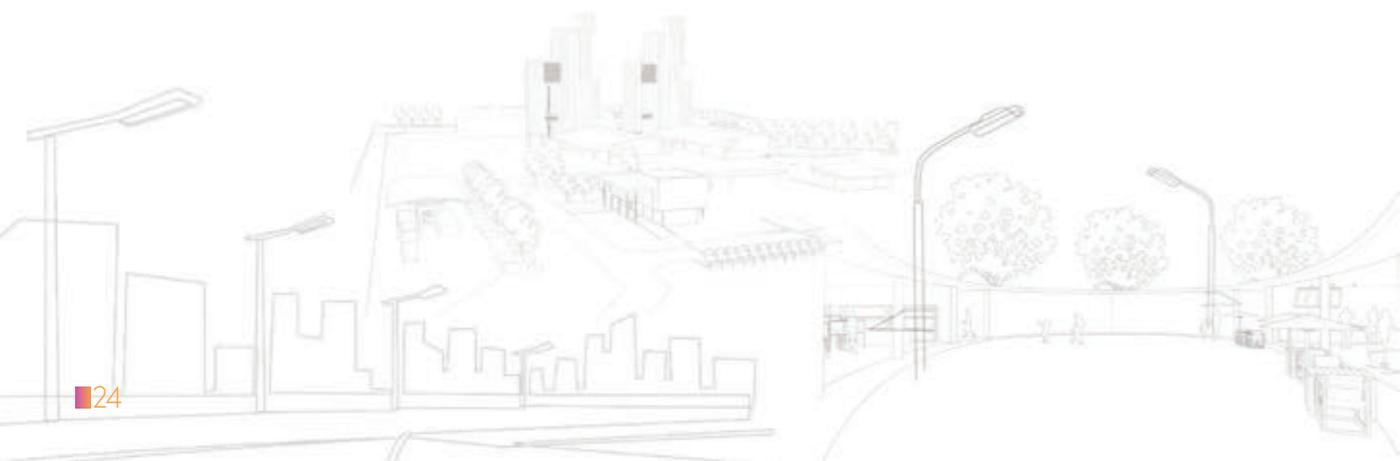




# STREET



# LIGHTS



## Residential Street Lights

### BLOOM Series



#### SPECIFICATION

Model	BLOOM-20	BLOOM-40	BLOOM-60
Lamp Power	20W	40W	60W
Solar Panel	Mono 6V/6W	Mono 6V/10W	Mono 6V/15W
Battery Capacity	3.2V 6000mAH	3.2V 12000mAH	3.2V 18000mAH
Lamp Size (mm)	388x193	484x218	630x240
Pole Diameter	45mm	48mm	48mm
Lighting Area	7m <sup>2</sup>	9m <sup>2</sup>	15m <sup>2</sup>
Install Height	3m	3m	3m
Lamp Material	ABS Plastic + Reflector		
LED Color	6000-6500K		
Lighting Angle	120°		
IP Grade	IP65		
Charging time	4-6 hours		
Lighting time	12-15 hours*		
Mode	Light Induction, Time Control+ Intelligent Remote Control+Radar Induction		



### LITE Series



#### SPECIFICATION

MODEL	LITE-60	LITE-120	LITE-150
Lamp Power	60W	120W	150W
Solar Panel	Mono 6V/18W	Mono 6V/30W	Mono 6V/33W
Battery Capacity	3.2V 18000mAH	3.2V 24000mAH	3.2V 30000mAH
Lamp Size (mm)	428x174x68	556x212x79	644x232x80
Pole Diameter	48mm	60mm	60mm
Lighting Area	23m <sup>2</sup>	27m <sup>2</sup>	33m <sup>2</sup>
Install Height	4m	4m	5m
Lamp Material	Die Casting Aluminium + PC Lens		
LED Color	6000-6500K		
IP Grade	IP66		
LED Life	50000 hours		
Charging time	4-6 hours / Lighting time: 18-24 hours*		
Mode	Light Induction+Intelligent Remote Control+Radar sensor		



# Residential Street Lights

## FLARE Series



### SPECIFICATION

MODEL	FLARE-50	FLARE-100	FLARE-150	FLARE-200
Lamp Power	50W	100W	150W	200W
Solar Panel	Mono 6V/17W	Mono 6V/20W	Mono 6V/25W	Mono 6V/28W
Battery Capacity	3.2V 18000mAH	3.2V 24000mAH	3.2V 30000mAH	3.2V 36000mAH
Lamp Size (mm)	505x220x45	555x220x45	755x220x45	905x220x45
Pole Diameter	60mm	60mm	60mm	60mm
Lighting Area	15m2	20m2	25m2	30m2
Install Height	4 meters	4 meters	4 meters	5 meters
Lamp Material	Aluminium Alloy + PC Cover			
LED Color	6000-6500K			
IP Grade	IP66			
LED Life	50000 hours			
Charging time	4-6 hours			
Lighting time	18-24 hours*			
Mode	Light Induction + Radar Induction + Remote Controller			



## ECO Series



### SPECIFICATION

MODEL	ECO-500
Lamp Power	500W
Solar Panel	Mono 6V/50W
Battery Capacity	3.2V 48000mAH
Lamp Size (mm)	916x365x87
Pole Diameter	60mm
Lighting Area	40m2
Installation Height	5 meters
Lamp Material	Die Casting Aluminium + PC Lens
LED Color	6000-6500K : IP Grade.: IP65
Lighting Angle	120°
Charging time	4-6 hours : Lighting time.: 18-24 hours*
Mode	Light Induction, Time Control+ Intelligent Remote Control+Radar Induction



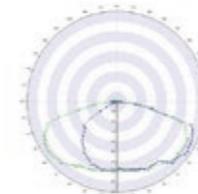
# Commercial Street Lights

## LIFE

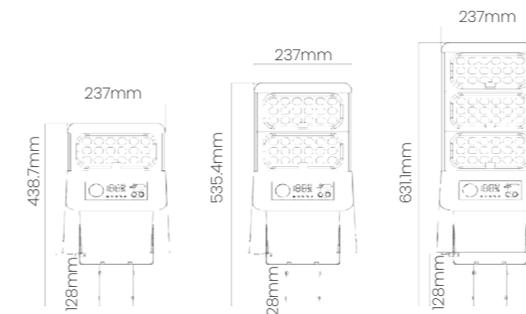
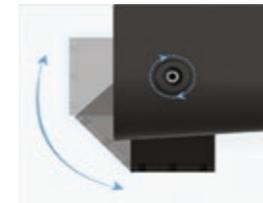
### FEATURES

- Display Panel, show all the status of the lamp
- Switchable dual CCT 3000K & 5700K
- Rain Sensor, activate the raining mode automatically
- General socket which is compatible with three kind inputs: USB, Solar Panel, AC adaptor
- Three mounting way: Wall Mounting, Vertical Pole Mounting, Horizontal Pole Mounting

Type-4 lighting distribution



Angle can be adjusted



### SSL-53

LED: 3000lumens  
 Colours: 3000K+5700K  
 Li-ionBattery: 38.48Wh/7.4V  
 Solar Panel: 8.8V/ 10W  
 Install Height: 3M  
 Waterproof: IP65  
 Size: 438\*258\*94mm  
 Warranty: 3 years  
 Material: Aluminium+PC

### SSL-56

LED: 6000lumens  
 Colours: 3000K+5700K  
 Li-ionBattery: 115.44Wh/11.1V  
 Solar Panel: 13.2V/ 16W  
 Install Height: 4M  
 Waterproof: IP65  
 Size: 535\*258\*94mm  
 Warranty: 3 years  
 Material: Aluminium+PC

### SSL-59

LED: 9000lumens  
 Colours: 3000K+5700K  
 Li-ionBattery: 115.44Wh/11.1V  
 Solar Panel: 13.2V/ 20W  
 Install Height: 5M  
 Waterproof: IP65  
 Size: 631\*258\*94mm  
 Warranty: 3 years  
 Material: Aluminium+PC



## LED Screen

All functions are displayed with visual icons.

100% Remaining battery capacity

M3 Mode

Solar

Adaptor

Back-up batteries

PIR

Rain sensor



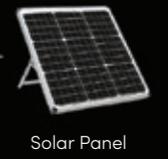
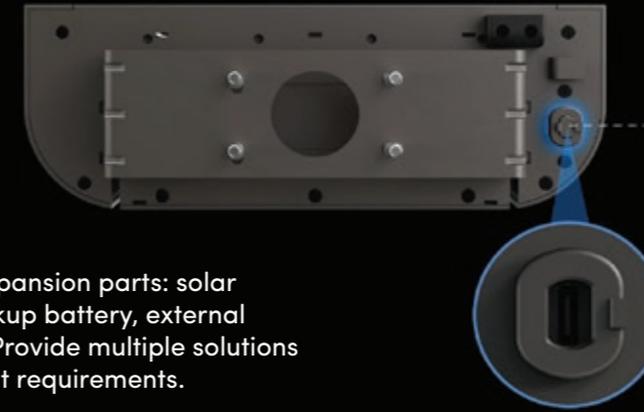
## Dual CCT, switchable by Rain Sensor

White LED color in normal weather and switch to warm led automatically when detect rainy days, to improve visibility .

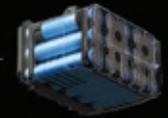


## EXTENSION PORT

Support expansion parts: solar panel, backup battery, external adapters. Provide multiple solutions for different requirements.



Solar Panel



Backup Battery



External Adapters

## MULTIPLE INSTALLATION METHODS



Angle can be adjusted

Can be installed horizontally and vertically. As well as wall mounted.

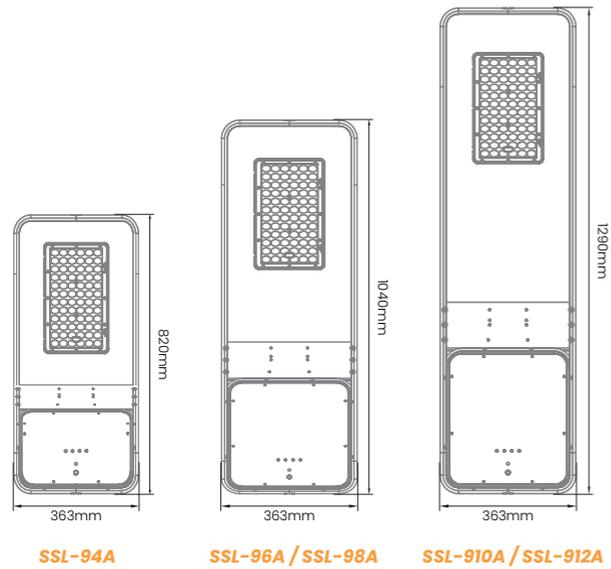
## MULTI-FUNCTION REMOTE CONTROL

Lighting modes, CCT, brightness, and PIR on/off are all can be adjusted - enabling personalized settings for clients.



# Commercial Street Lights

SPARK



## CREATE A NEW TREND OF STREET LIGHTS



**AUTOMATIC ALARM**  
Auto detect and alarm the damaged components



**SCIENTIFIC LIGHT DISTRIBUTION**  
High penetration  
Wide coverage



**SPEED ODM SERVICE**  
Various customized production also for small orders



**ALS2.4 PATENTED TECHNOLOGY**  
Longer lighting time



**BATTERY TEMPERATURE CONTROL TECHNOLOGY (TCS)**  
Protect the battery in high temperature and prolong the span life

### FEATURES

- Dark black unique ultra-thin body design
- Integrated aluminium frame is uniformly stressed, super breakage resistant, no fear of harsh environments
- A one-piece plastic tempered glass panel gives the shell excellent structure, strength and beauty
- **Material:** Aluminium Alloy + PC + Tempered Glass
- **Efficiency:** 230lm/W
- **Endurance:** 36H
- **Warranty:** 5 years
- **IK Class:** IK08



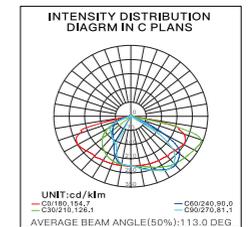
Tempered Glass Panel



4 Parts Fault Alarm



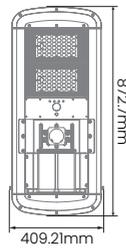
Super Slim Design



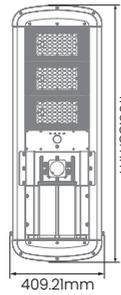
Model	LED Lumens	Solar Panel	CCT Panel	Battery	Lighting Mode	Material	Charging Time	Install Height
SSL-94A	4000LM	37.5W	4000K	230.88WH	M1: 30% (PIR) till dawn M2: 100% (5H) + 25% 5H (PIR) + 70% till dawn M3: 70% till dawn	Aluminum & PC	6.5H	3m-4m
SSL-96A	6000LM	60W		346.32WH			6.3H	5m-6m
SSL-98A	8000LM	60W		461.76WH			8.4H	7m-8m
SSL-910A	10000LM	75W		577.2WH			8.4H	9m-10m
SSL-912A	12000LM	75W		692.64WH			10H	11m-12m

# Commercial Street Lights

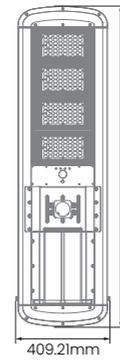
## FLOW



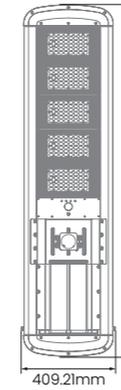
SSL-72A



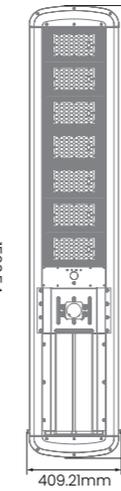
SSL-73A



SSL-74A



SSL-75A



SSL-76A



Solar



Safety



ALS



Ray Sensor



IP65



IK08



PIR Sensor



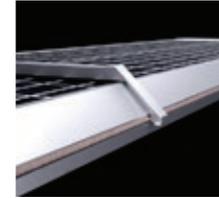
Charging Temp



Discharging Temp

## FEATURES

- 3 Lighting Modes
- ALS2.4 + VFT + TCS patented technology ensure all night lighting.
- Automatically cleans dust and snow on solar panels
- **Material:** Aluminium & PC
- **Efficiency:** 230lm/W
- **Endurance:** 36H
- **Warranty:** 5 years



Dust-proof side brush



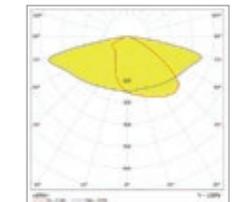
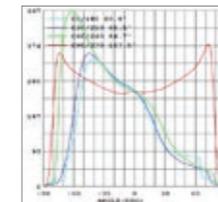
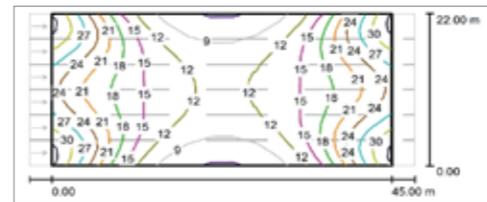
Auto cleaning Function



For  $\Phi 60$ mm pole  
Adjustable angle



4 Parts Fault Alarm



Model	LED Lumens	Solar Panel	CCT Panel	Battery	Lighting Mode	Material	Charging Time	Install Height
SSL-72A	4000LM	37.5W	4000K	269.36WH	M1: 30% (PIR) till dawn M2: 100% (5H) + 25% 5H (PIR) + 70% till dawn M3: 70% till dawn	Aluminum & PC	8.2H	4m-6m
SSL-73A	6000LM	47.5W		384.8WH			8.8H	5m-7m
SSL-74A	8000LM	61.4W		538.72WH			9.6H	6m-8m
SSL-75A	10000LM	78.8W		654.16WH			9H	8m-10m
SSL-76A	12000LM	95W		769.6WH			8.8H	10m-12m

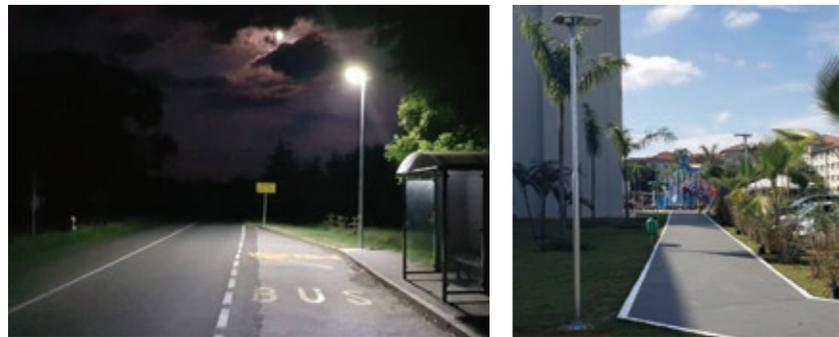


# Commercial Street Lights

## ENERGY



SSL-32A    SSL-34A    SSL-36A    SSL-38A / SSL-310A



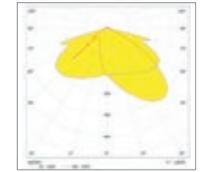
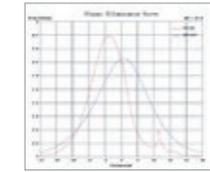
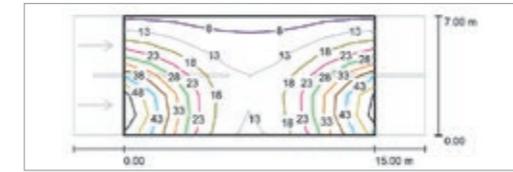
## FEATURES

- 3 lighting mode with or without human sensor for choosing;
- PIR motion sensor for energy saving
- ALS2.4 + VFT + TCS patented technology ensure all night lighting;
- More than 5 days working time during Rainy Day
- **Material:** Aluminium & PC
- **Efficiency:** 230lm/W
- **Endurance:** 36H
- **Warranty:** 5 years
- **IK Class:** IK08



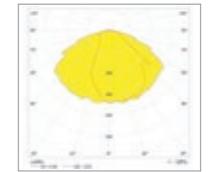
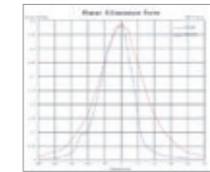
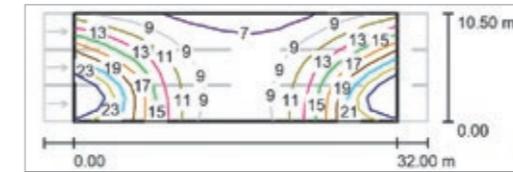
Stainless steel bracket

SSL-32A/SSL-34A



Removable battery pack

SSL-36A/SSL-38A/SSL-310A

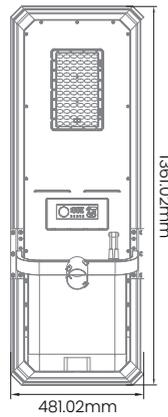


Model	LED Lumens	Solar Panel	CCT Panel	Battery	Lighting Mode	Material	Charging Time	Install Height
SSL-32A	2000LM	25W	5700K	153.92WH	M1: 30% + PIR till dawn M2: 100% (5H) + 25% (PIR) (5H) + 70% till dawn M3: 70% Till dawn	Aluminium & PC	6.7H	3m - 4m
SSL-34A	4000LM	37.5W		269.36WH			7.8H	4m - 6m
SSL-36A	6000LM	60W		423.28WH			7.7H	5m - 7m
SSL-38A	8000LM	75W		577.2WH			8.4H	6m - 8m
SSL-310A	10000LM	75W		692.64WH			10H	8m - 10m

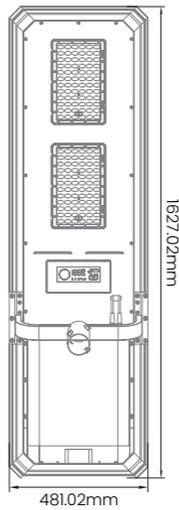


# Commercial Street Lights

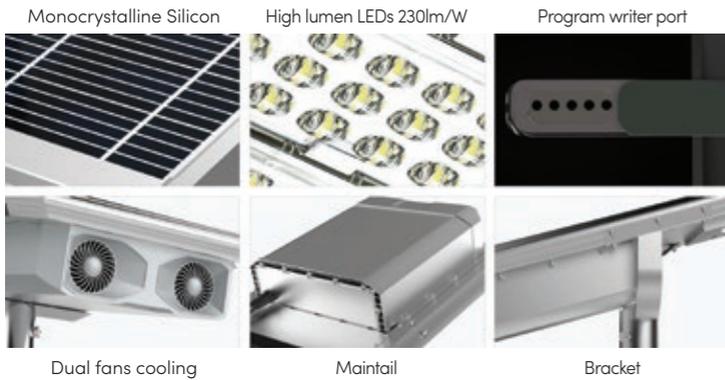
## ENERGY MAX



SSL-340/SSL-350

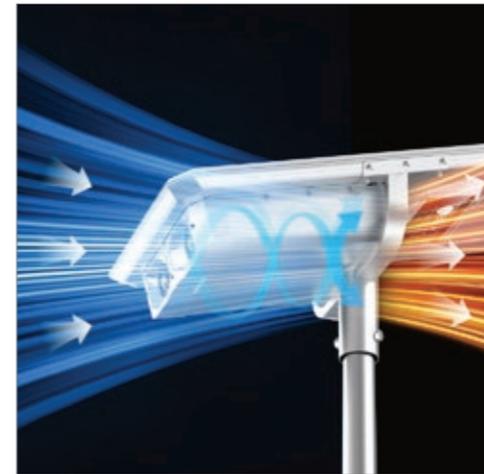


SSL-360/SSL-370



## FEATURES

- Dual color temperature 3000k & 5700k, automatic switching on sunny and rainy days between warm light & white light
- TCS & Fans: Dual-layer physical heat insulation and an internally designed air duct, which can rapidly reduce the temperature inside the battery
- Hurricane resistance design: an average load capacity of 1500N, ensuring stability in severe weather conditions
- The only solar street light in the market which can promise and achieve a 6-year warranty
- **Warranty:** 6 years
- **Material:** AL6063, Q235 Steel, Glass, PC



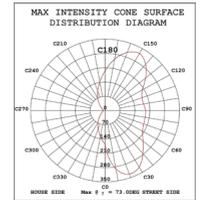
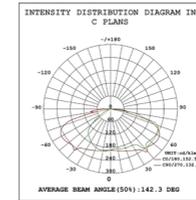
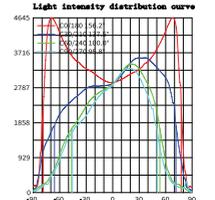
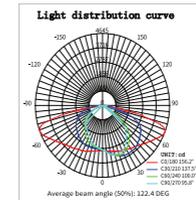
X-Storm: Battery cooling system



Display Panel



Dual CCT

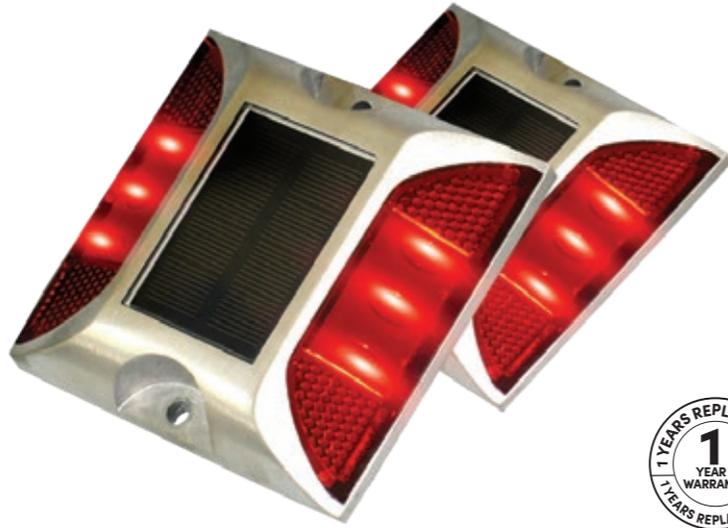


Model	LED Lumens	Solar Panel	CCT Panel	Battery	Lighting Mode	Material	Charging Time	Install Height
SSL-340	8800LM	112W	5700K	665.6WH	M1: 30% (PIR30S) Till dawn	AL6063, 201 Stainless Steel, PC	7.4H	9m
SSL-350	11000LM	112W		819.2WH	M2: 100%(5H) + 25% (PIR 30S)(5H) + 70% Till dawn		9.1H	11m
SSL-360	13200LM	140W	3000K	972.8WH	M3: 70% Till dawn		8.7H	13m
SSL-370	15400LM	140W	1126.4WH	10.1H			15m	



# Solar Stud Lights

## BOLT-DT



### SPECIFICATION

- Material:** PC+Cast Aluminum
- Solar Panel:** Monocrystalline 2.5V/0.5W
- Battery:** 1.6V/600mAh
- Load Capacity:** 20T
- Led Quantity:** 6
- Size:** 104\*104\*22mm
- Weight:** 310g
- Waterproof:** IP68
- Work Temperature:** -20-60 Degree
- LED Color:** Red, Green, Blue, Yellow, White
- Work Mode:** Blinking or Steady



\* Based on back orders. Minimum MOQ 1,000 nos



**BOLT-MT\***



**BOLT-UD\***



**BOLT-CR\***



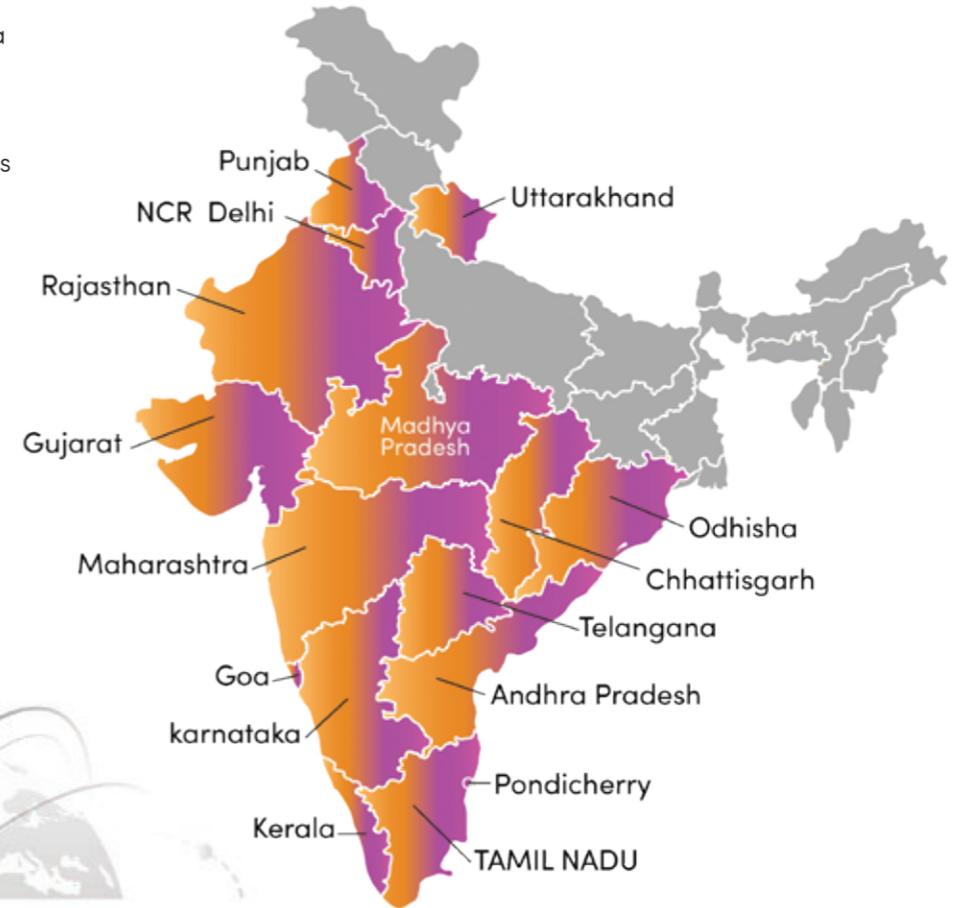
# Our Network

Our presence across India is a constellation of iconic projects.

Every landmark represents our commitment to innovation, trust, and lasting relationship.

### INTERNATIONAL PRESENCE

- ▶ Dubai
- ▶ Srilanka
- ▶ Mauritius
- ▶ Maldives



# Our Clients



# Your Partner in Smart Outdoor illumination

Bringing innovation, durability, and  
energy intelligence to life through every  
solar light we manufacture!

Integrity 

 Innovation

Customer-Centric 

 Sustainability

Excellence 

 Reliability



## Swaaadle Lights™

LIGHTING THE NATURAL WAY

*Manufactured by:*

**SWAAADLE TECH PVT. LTD.,**

A28, 86<sup>th</sup> Street, 18<sup>th</sup> Avenue, Ashok Nagar, Chennai - 600 083.

+91 96000 30904, +91 98407 18531, 044 - 42135599

sales@swaadlelight.com / info@swaadlelight.com

[www.swaadlelights.com](http://www.swaadlelights.com) / [www.solarledbricklight.com](http://www.solarledbricklight.com)

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