

POWERING A BRIGHTER FUTURE WITH SOLAR LIGHTS



Swaaadle Lights™

LIGHTING THE NATURAL WAY

OUTDOOR SOLAR LIGHTS
MANUFACTURER

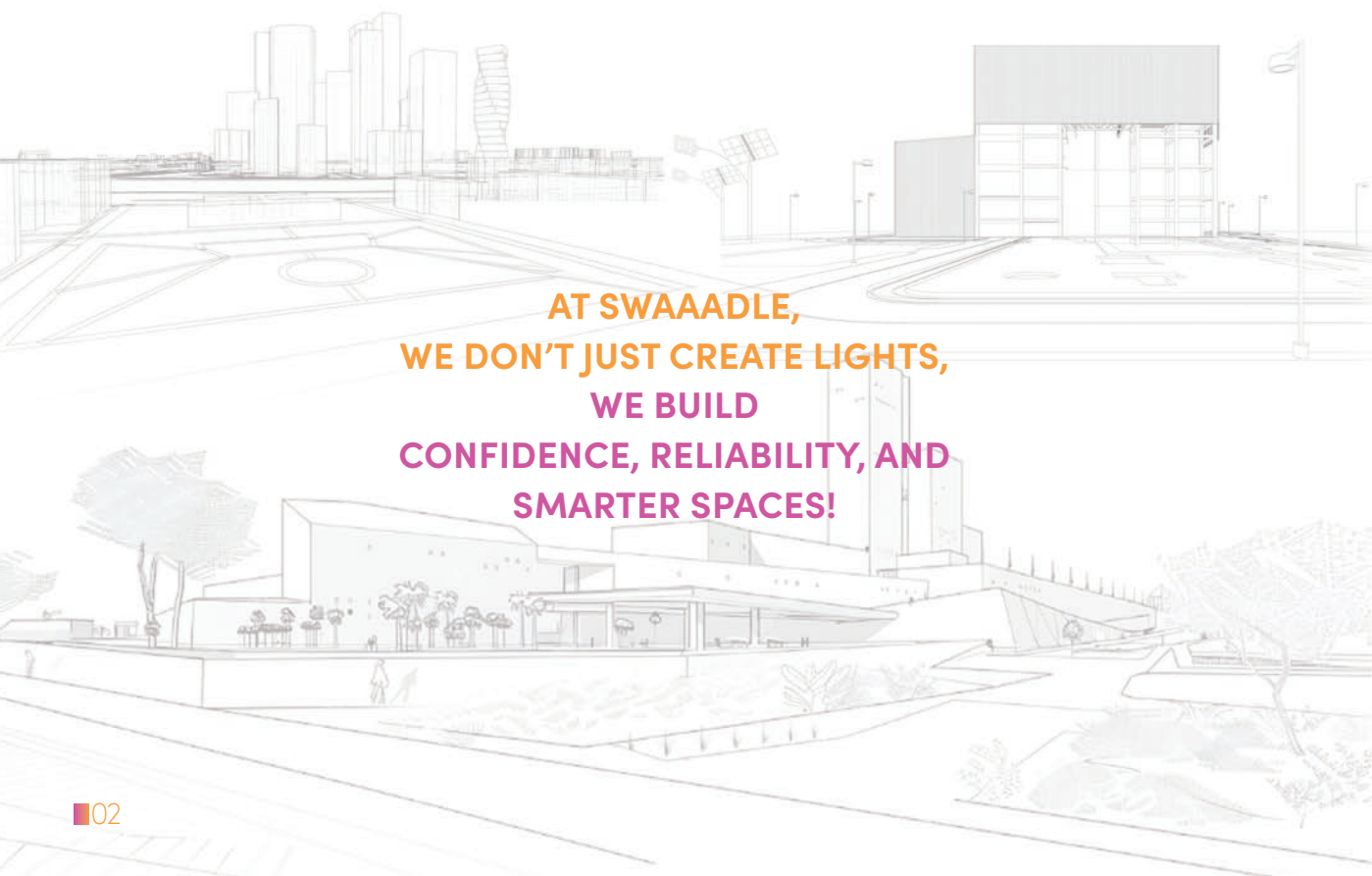


HARNESSING NATURAL LIGHT TO ENHANCE SMART LIVING!

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.



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

Core Certifications:

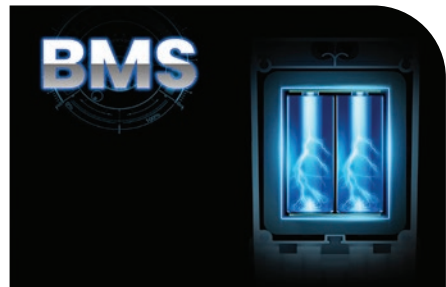
- **Patented Innovation** - Our innovative solar bricks technology is patent-protected, ensuring unmatched originality and performance - Technology You Can't Imitate.
- **ISO 9001:2015** - Quality management aligned with global best practices
- **CE** - Conformity to European health, safety, and environmental 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

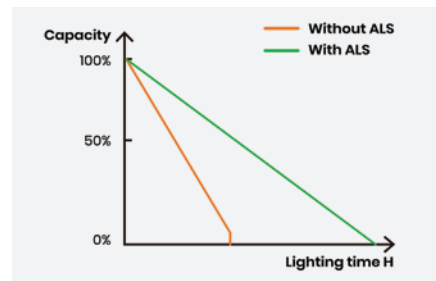
Bluetooth and 4G connectivity enable real-time system monitoring and configuration. Allows users to adjust settings, track performance, and access diagnostics from anywhere.



Dual CCT Technology

(Correlated Color Temperature)

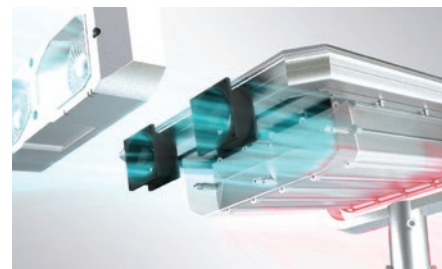
Switch between warm white (3000K) and cool white (5700K) based on the lighting requirement. Ideal for residential and architectural applications.



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.

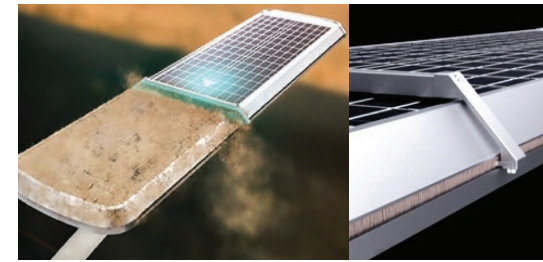
- Auto cut-off above 55°C
- Integrated cooling system for efficient heat dissipation



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.



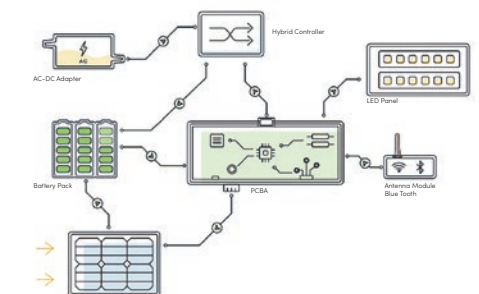
Remote Monitoring & Control

(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?



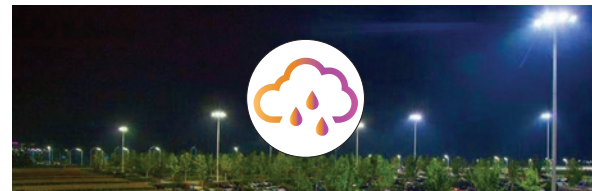
True Brightness You Can Trust

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



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.



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.



Up to 5 Years Warranty

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

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

Who We Work With

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



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

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.

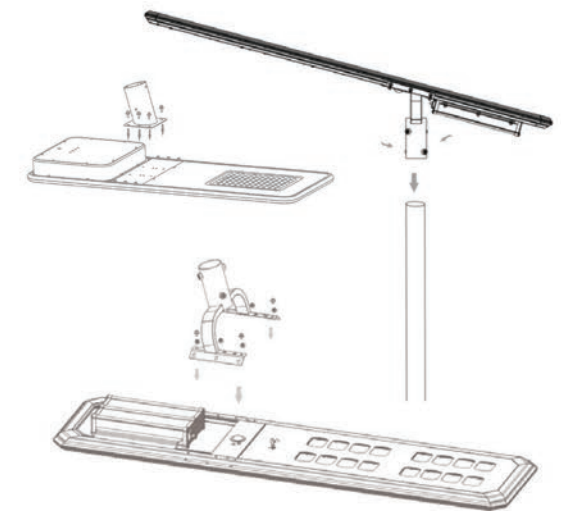
Best for: Government roads, corporate campuses, large industries

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

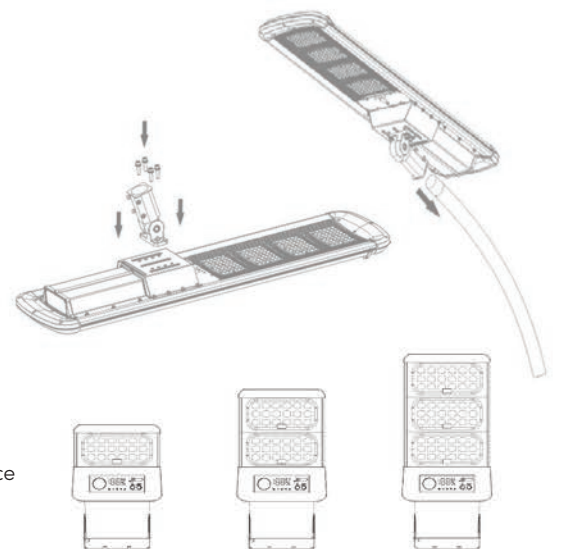
Flexible setup with separate solar panel for better performance.

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

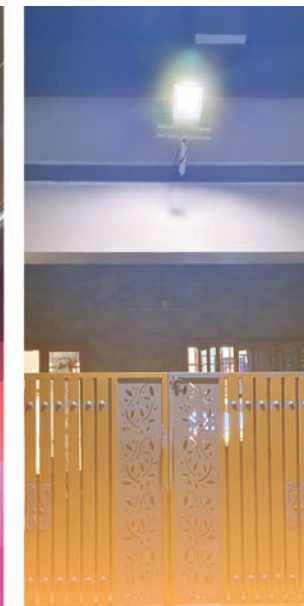
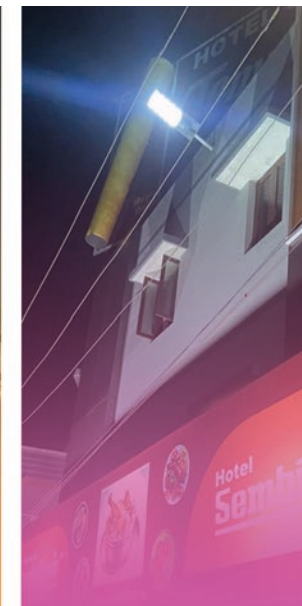


Table of Contents

Page 12-13



Solar Bricks

Seamless floor lighting for pathways and landscapes

Page 14



Bollards

Elegant solar lights for lawns, paths, and perimeters

Page 15



Spikes

Spotlight accents for plants and garden highlights

Page 17



Gate Lights

A refined solar welcome for entrances and walls

Page 19



Wall Lights

Stylish solar fixtures for exterior wall lighting

Page 22



Pole Lights

Broad-beam lighting for open outdoor spaces

Page 22



Table Light

Smart solar table lighting, styled for homes, cafés & outdoor living

Page 23



Flood Lights

High-power solar lighting for security and facades

Page 25



Residential Street Lights

Efficient lighting for housing streets and colonies.

Page 27



Commercial Street Lights

Durable lighting for roads, campuses, and industries.

Page 38



Road Studs

Embedded solar studs for road safety and guidance



GARDEN

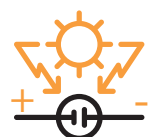


LIGHTS



Swaaadle SolarBricks®

0.5W & 1W
SQUARE



SELF-CHARGE



ECO-FRIENDLY



IP 68



DURABLE



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

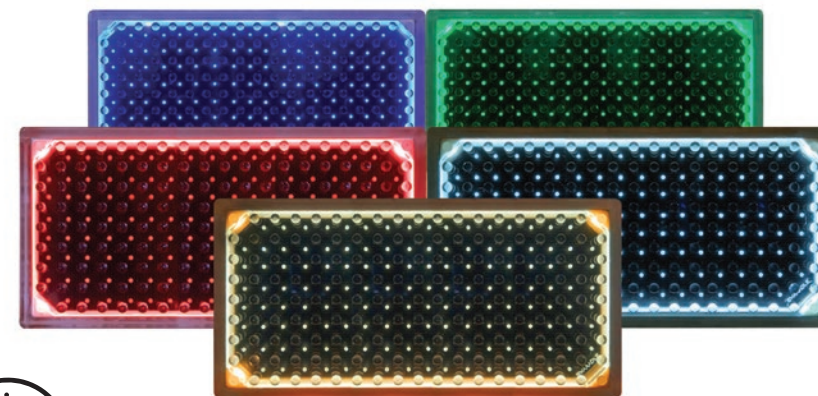


1W

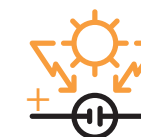
Power Rating : 1W
Luminous Flux : 150 lm
Colours : 3000K / 6000K / Red / Green / Blue
Pattern : Snow / Lotus / Blank / Custom
Dimension : 100mm x 100mm x 47mm
Working Temperature : -10°C ~ +45°C
Life Span : >50000 Hours
Battery : Inbuilt 2200 mAh Lithium-ion Battery
Charging Time : 7-9 hours (daytime)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



2.5W
RECTANGULAR



ECO-FRIENDLY



SELF-CHARGE

2.5W

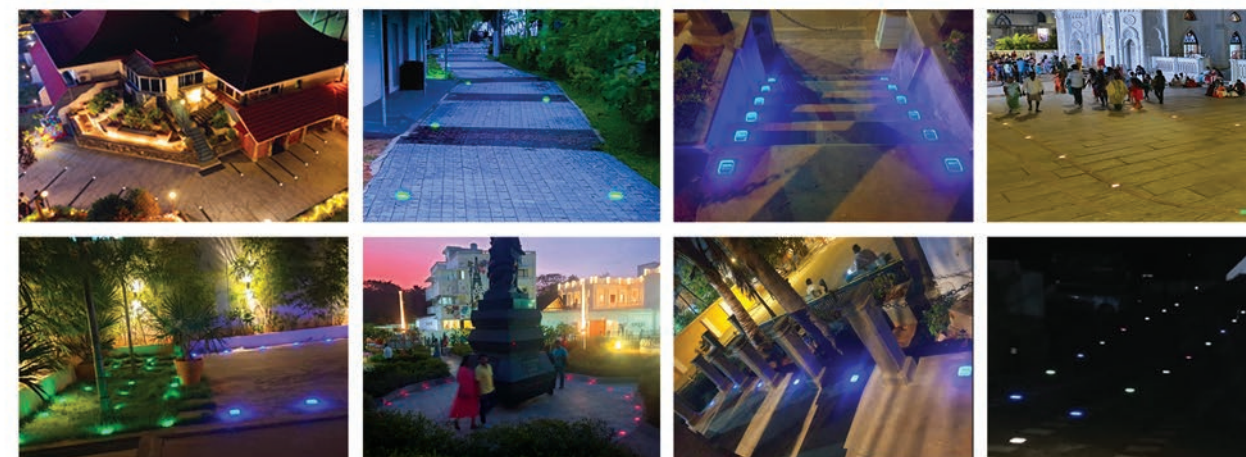
Power Rating : 2.5W
Luminous Flux : 250 to 300 lm
Colours : 3000K / 6000K / Red / Green / Blue
Pattern : Crown / Interlock / Flower / Blank
Working Temperature : -10°C ~ +45°C
Life Span : >50000 Hours
Battery : Inbuilt 2200 mAh Lithium-ion Battery
Charging Time : 7-9 hours (daytime)
Backup : 12 hours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

MADE UP OF
POLYCARBONATE
BEARS UPTO 2 TONS
OF WEIGHT

DIMENSION
200x100x47 mm

WATER & DUST
PROTECTION
IP68

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

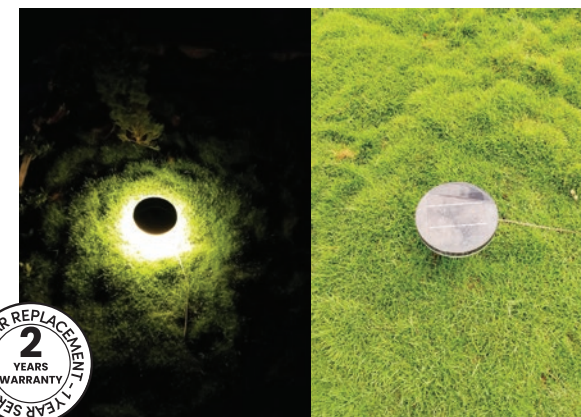


BRIGHT

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

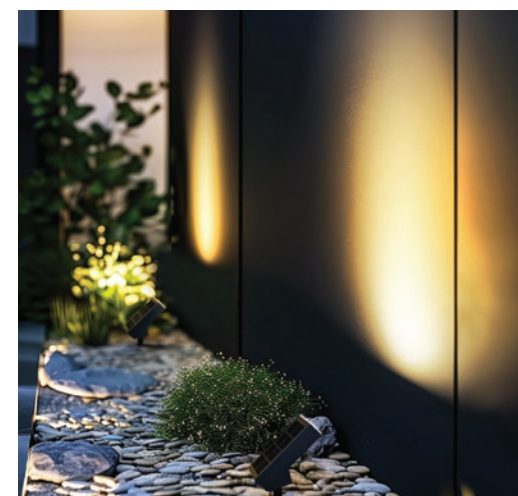


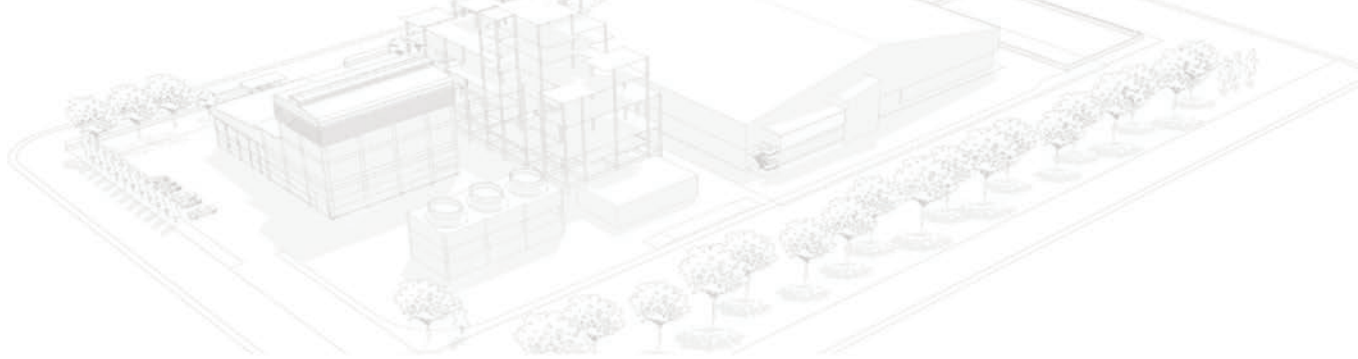
BRIGHT

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

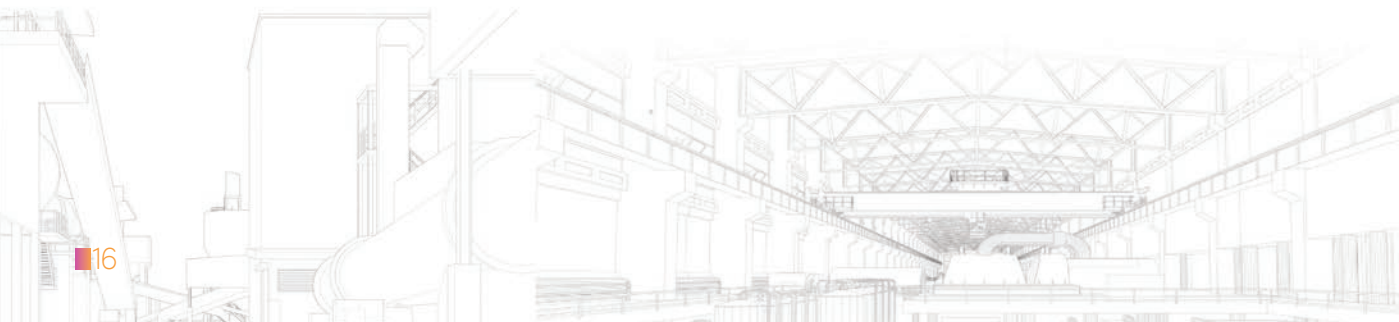




PERIMETER



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

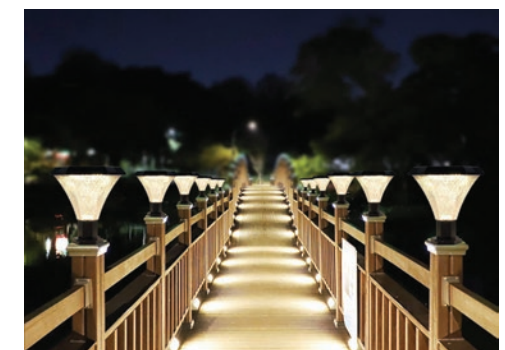
Dimension : 220*220*H260mm
Material : PC Clear
Solar Panel : 5V/5W Monocrystalline Panel
Battery : 3.2V 6000mAH
IP Grade : IP64
Charging Time : 8 hours
Working Time : 24-36 hours
Wattage : 10W
Colour : LED 66 White / 66 Warm White
Working Type : Light Control + Remote Control



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

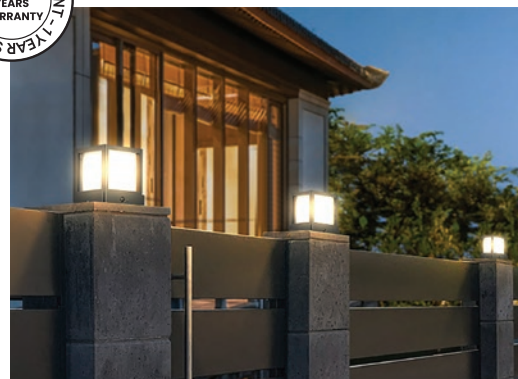
Dimension : 295*295*H300
Material : PC Clear
Solar Panel : 5V/5W
 Monocrystalline Panel
Battery : 3.2V 6000mAh
IP Grade : IP64
Charging Time : 8 hours
Working Time : 24-36 hours
Wattage : 10W
Colour : LED 66 White / 66 Warm White / RGB
Working Type : Light control + remote control



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

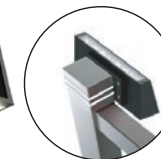
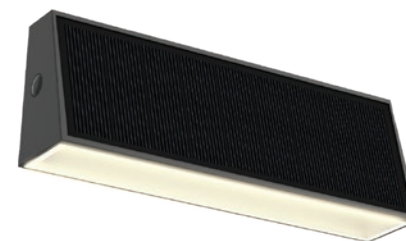


Solar Wall Lights

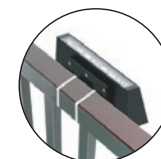
METEOR-001

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

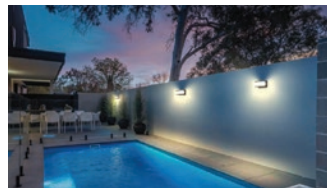


Wall Lights

METEOR-004

SPECIFICATION

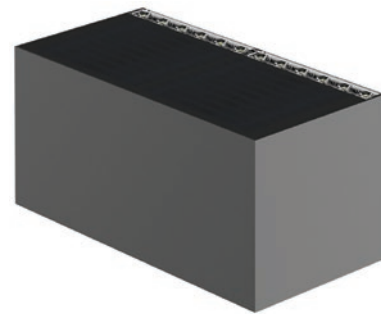
Dimension: 123*127*131mm
Material: Aluminium Alloy + PC
Solar Panel: 5V/1.5W Monocrystalline Panel
Battery Type: Lithium-ion 2000mAh
IP Grade: IP65
Charging Time: 6 hours
Working Hours: 10-12 hours
Lumens: 1000lms
Wattage: 10W
Colour: 3000K



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

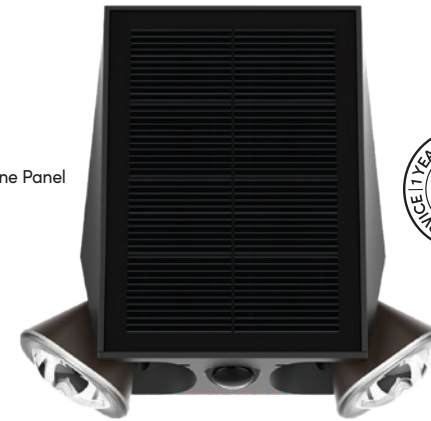


Wall Lights

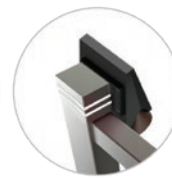
METEOR-006

SPECIFICATION

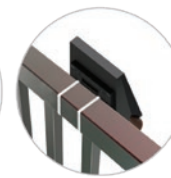
Dimension: 139*119*54 mm
Material: ABS + PC
Solar Panel : 5v /1.3W Monocrystalline Panel
Battery Type: Lithium-ion 2000mAh
IP Grade: IP44
Charging Time: 6 hours
Working Hours: 10-12 hours
Lumens: 800lms
Wattage: 8W
Colour: 4000K
Left/Right lamp head - 400lm each



Magnetic for option



Vertical Pole



Horizontal Pole



On The Wall



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



Solar Pole Light

MAX - 300

SPECIFICATION

Lamp Power : 300W
Solar Panel : Monocrystalline 6V/25W
Battery : 3.2V 30000mAh
Lamp Size (dia) : 550
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



Flood Lights

LENS

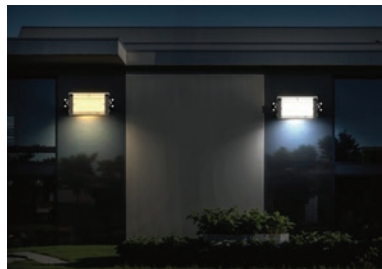
MODEL	LENS-60	LENS-120	LENS-150	LENS-200
Lamp Power	60W	120W	150W	200W
LED Qty	50pcs led	120pcs led	150pcs led	200pcs led
Solar Panel	Mono 6V/20W	Mono 6V/25W	Mono 6V/30w	Mono 6V/35W
Battery Capacity	3.2V 15000mAH	3.2V 20000mAH	3.2V 25000mAH	3.2V 30000mAH
Lamp Size (mm)	186x158x52	222x171x52	278x219x52	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			



SHINE - 30

SPECIFICATION

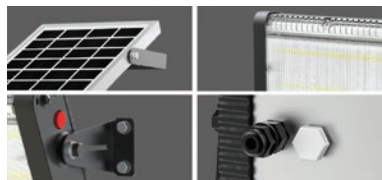
Dimension: 190*104*80mm
Material: Aluminium Alloy
Solar Panel: 14V/5W Monocrystalline Panel
Battery Type: Lithium Ion 8Ah
IP Grade: IP65
Charging Time: 6 hours
Working Hours: 10-12 hours
Lumens: 3000lms
Wattage: 30W
Colour: 3000K & 5700K
Remote Controlled

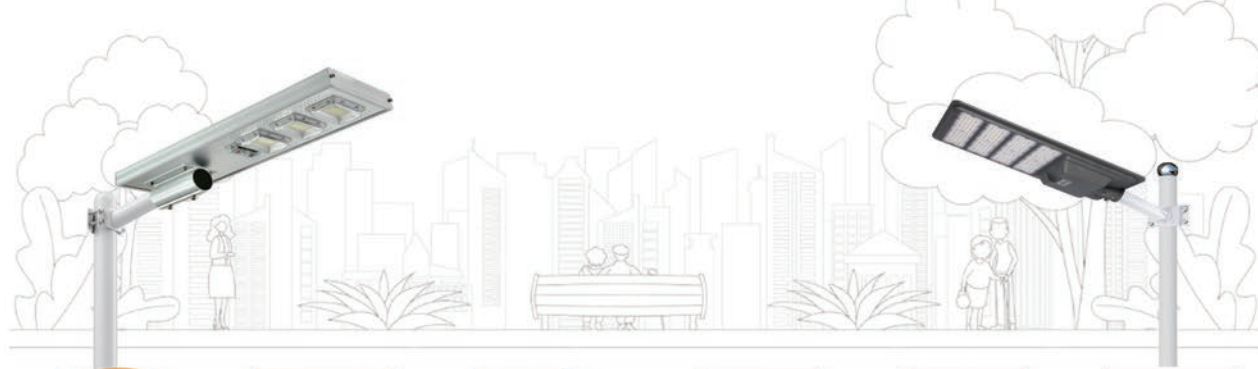


SHINE - 60

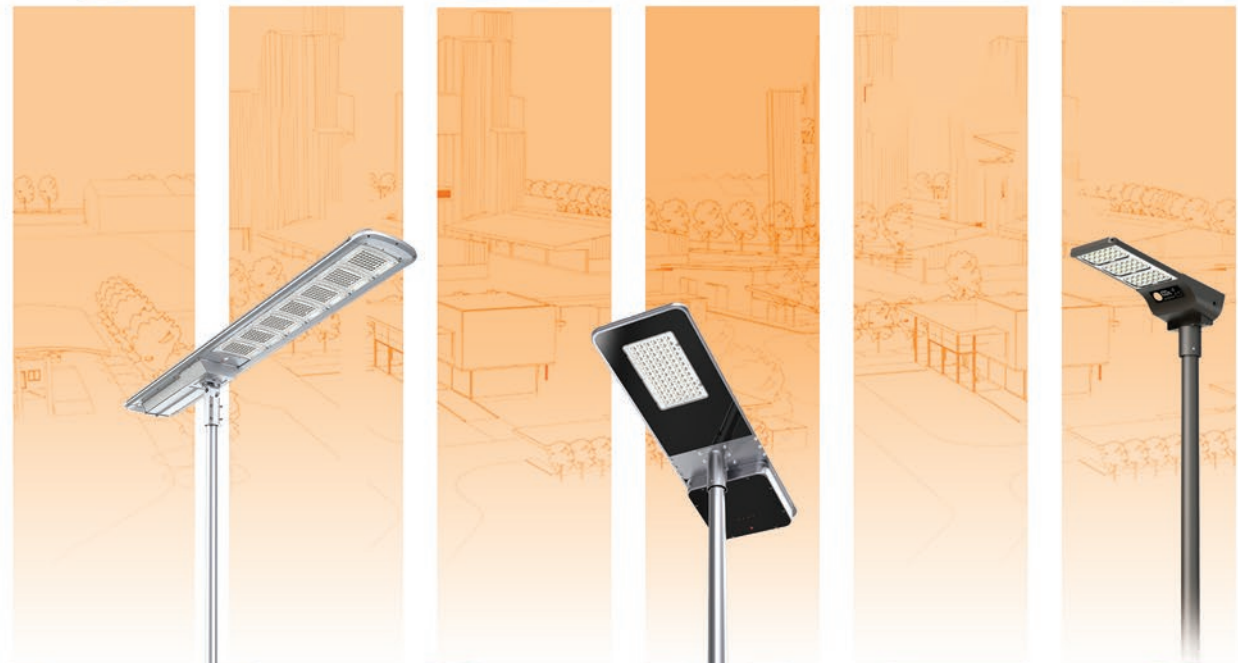
SPECIFICATION

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

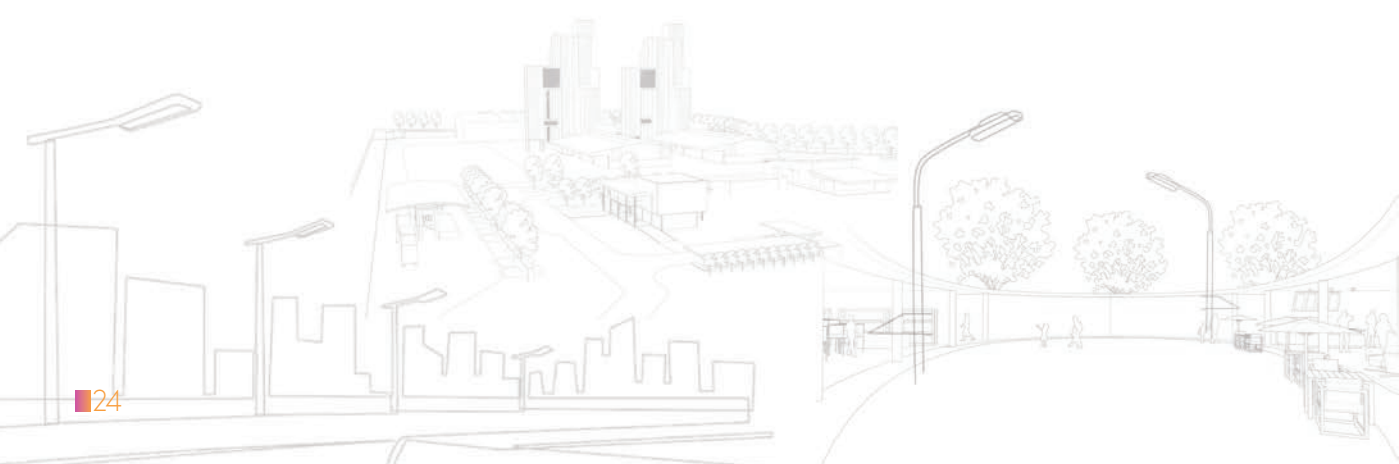




STREET



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	7m2	9m2	15m2
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		

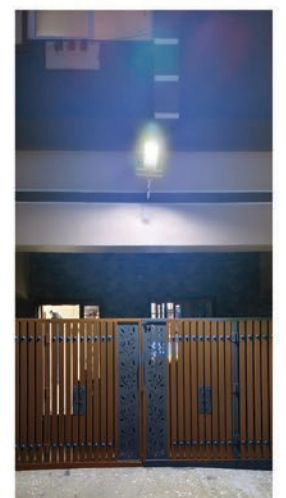
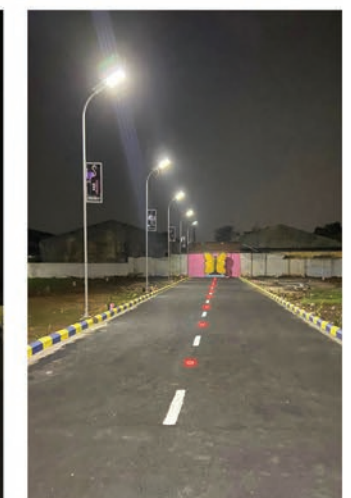


LITE Series



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 15000mAh	3.2V 25000mAh	3.2V 30000mAh
Lamp Size (mm)	428x174x68	556x212x79	644x232x80
Pole Diameter	48mm	60mm	60mm
Lighting Area	23m2	27m2	33m2
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 50000mAh
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



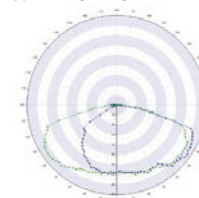
Commercial Street Lights

LIFE

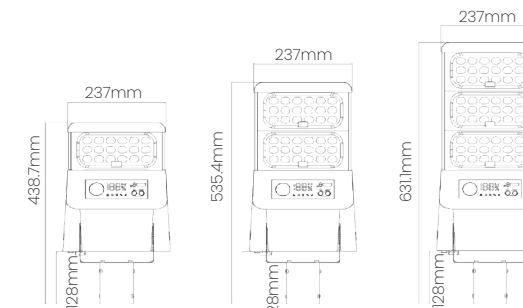
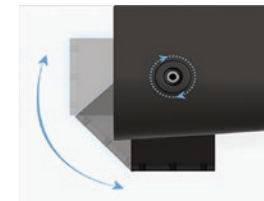
FEATURES

- 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

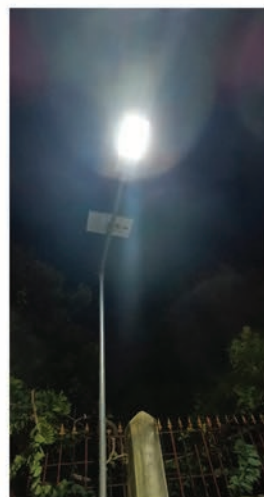
LED: 3000lumens
Colours: 3000K+5700K
Li-ionBattery: 38.48Wh
Solar Panel: 8.8V/ 10W
Install Height: 3M
Waterproof: IP65
Size: 438*258*94mm
Warranty: 3 years
Material: Aluminium+PC

SSL-56

LED: 6000lumens
Colours: 3000K+5700K
Li-ionBattery: 115.44Wh
Solar Panel: 13.2V/ 16W
Install Height: 4M
Waterproof: IP65
Size: 631*258*94mm
Warranty: 3 years
Material: Aluminium+PC

SSL-59

LED: 9000lumens
Colours: 3000K+5700K
Li-ionBattery: 115.44Wh
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 .



5700K

No Rain

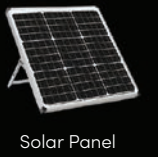
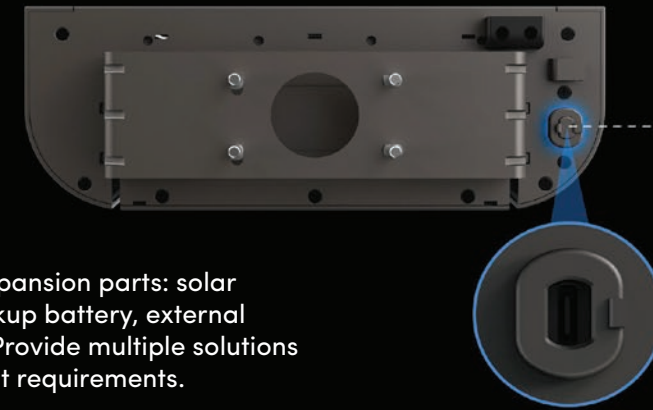


3000K

Rain

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



Solar

Safety

ALS

Ray Sensor

IP65

IK08

PIR Sensor

Charging Temp

Discharging Temp



CREATE A NEW TREND OF STREET LIGHTS

AUTOMATIC ALARM
Auto detect and alarm the damaged components

SCIENTIFIC LIGHT DISTRIBUTION
High penetration
Wide coverage

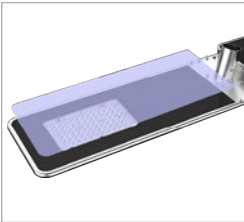
SPEED ODM SERVICE
Various customized production also for small orders

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 aluminum 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



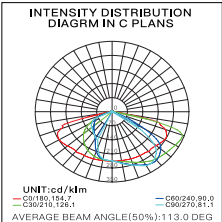
Tempered Glass Panel



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



Solar

Safety

ALS

Ray Sensor

IP65

IK08

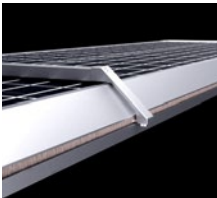
PIR Sensor

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



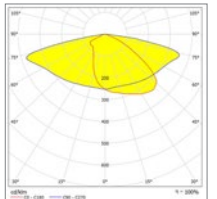
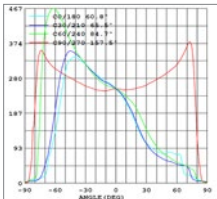
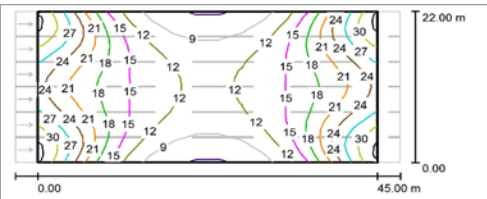
Auto cleaning Function



For $\Phi 60\text{mm}$ pole
Adjustable angle



4 Parts Fault Alarm

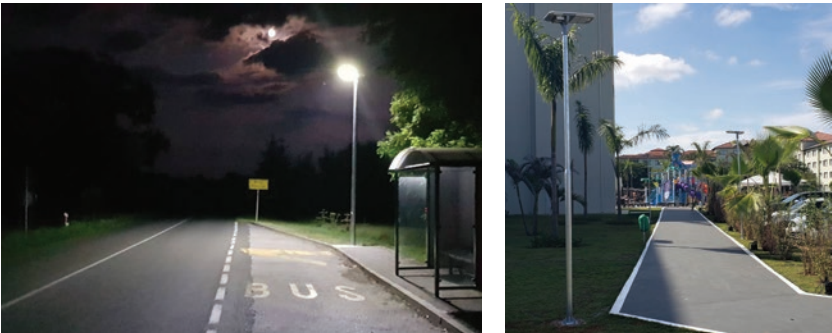


Model	LED Lumens	Solar Panel	CCT Panel	Battery	Lighting Mode	Material	Charging Time	Install Height
SSL-72A	4000LM	37.5W	4000K	269.36WH	M1: 30% (PIR) till dawn M2: 100% (5H) + 25% 5H (PIR) + 70% till dawn M3: 70% till dawn	Aluminum & PC	8.2H	4m-6m
SSL-73A	6000LM	47.5W		384.8WH			8.8H	5m-7m
SSL-74A	8000LM	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



Solar

Safety

ALS

Ray Sensor

IP65

IK08

PIR Sensor

Charging Temp

Discharging Temp



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

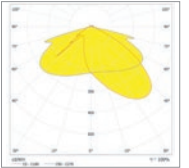
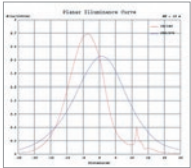
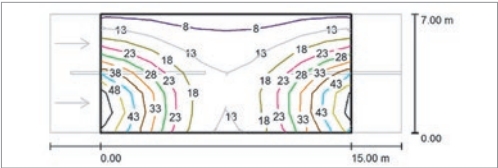


Stainless steel bracket

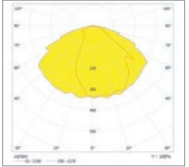
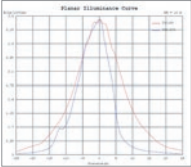
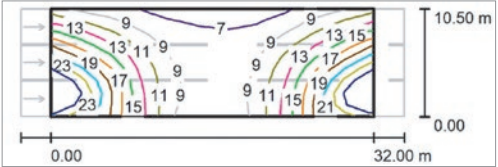


Removable battery pack

SSL-32A/SSL-34A



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



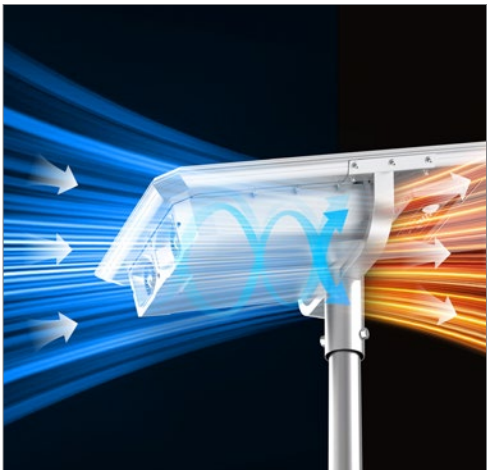
Commercial Street Lights

ENERGY MAX



FEATURES

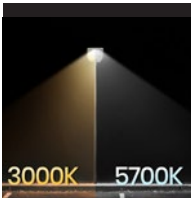
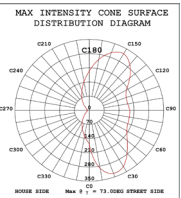
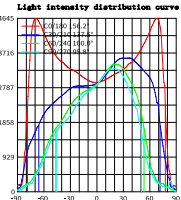
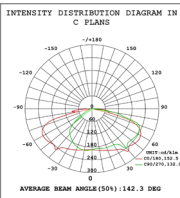
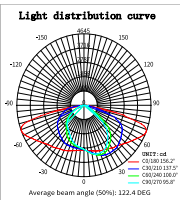
- Dual color temperature 3000k & 5700k, automatic switching on sunny and rainy days between warm light & white light
- TCS & Fans: Dual-layer physical heat insulation and an internally designed air duct, which can rapidly reduce the temperature inside the battery
- Hurricane resistance design: an average 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



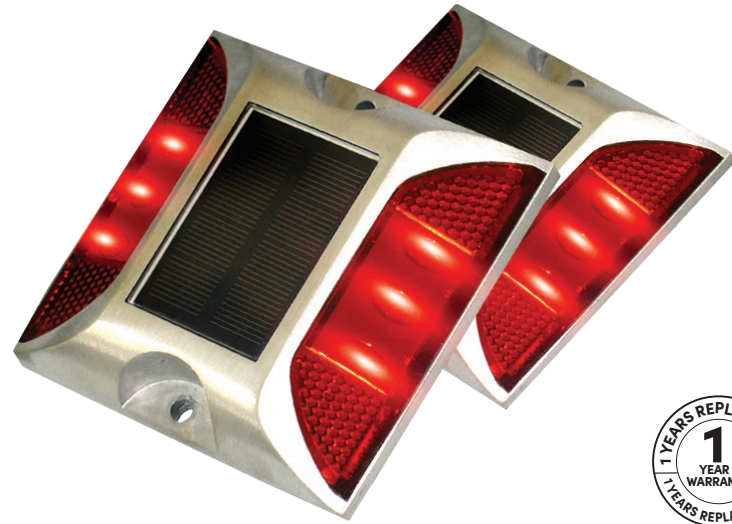
Dual CCT

Model	LED Lumens	Solar Panel	CCT Panel	Battery	Lighting Mode	Material	Charging Time	Install Height
SSL-340	8800LM	112W	5700K 3000K	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		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/120mAh
Battery: 1.2V/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



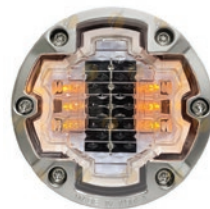
* Based on back orders. Minimum MOQ 1,000 nos



BOLT-MT*



BOLT-UD*



BOLT-CR*



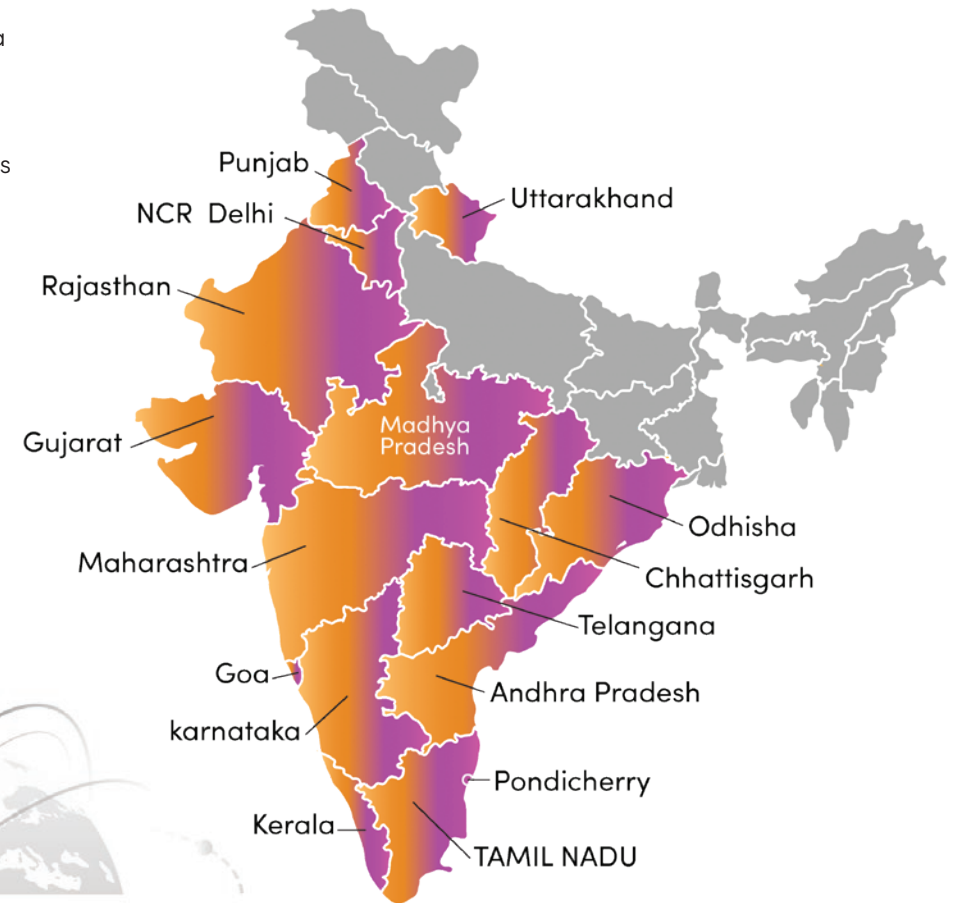
Our Network

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



Manufactured by:

SWAAADLE TECH PVT. LTD.,

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