

# HIGHLIGHT SP-NALF

## Specifications



## Why us?

### **Innovative Technology**

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

### **Photometric**

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

### **Versatile Lighting**

We design and install solar-powered lighting systems tailored for all kinds of locations such as streets, parks, pathways, homes, etc.

### **Global Reach**

Worldwide success proves our adaptability and regulatory expertise.

### **Sustainable Savings**

These solutions enhance safety, promote sustainability and provide significant energy and cost savings.

### **Warranty**

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



The SolarPath HIGHLIGHT SP-NALF™ is the premier LED solar illumination technology in its class today. Ultra- bright/High Intensity LED lighting means a total lighting solution for any need. This product has both a solar engine and a street light. The SP-NALF™ battery and control is on the LED head which allows this product to be used for parks, roads, path. Once the product is installed, it can be controlled via a remote control.

## Technical specification

<b>Solar Module Parameters</b>	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 230W
<b>Solar Charge Controller</b>	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
<b>Battery</b>	LifePO	Up to 60AH
<b>LED Light Parameters</b>	Light Source Power	Up to 80W (Up to 12,800 lm)
	CCT (Correlated color temperature)	2,700K-6,500K/ Amber
	CRI (Color rendering index)	<u>≥75</u>
<b>Control Modes</b>	Light control / Time Control	
<b>Working Mode</b>	Depend on customer request and solar radiation.	
<b>IP Rating</b>	IP66	
<b>Extended Application Option</b>	GPRS Integrated Management System( Remote control and monitoring)	
<b>Material</b>	Aluminum Die-casting	
<b>Product Size</b>	Light Body	Depend On LED power
	Solar Panel	Depend On Solar Panel wattage
<b>Net Weight</b>	Light Body	Depend On LED power
	Solar Panel	Depend On Solar Panel wattage

## General Key Features

### 1. Simple Installation convenient and flexible

#### A. Die casting LED Lamp

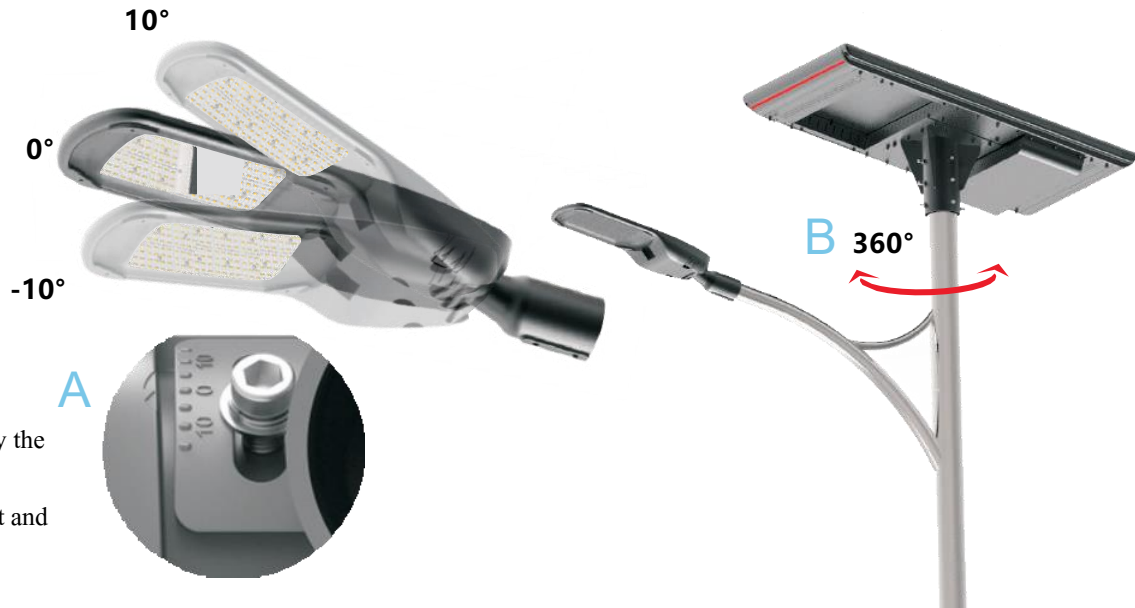
Adjustable angle:  $(-10^{\circ} \sim 10^{\circ})$

#### B. Solar panel adjustable

angle:  $(0^{\circ} \sim 360^{\circ})$

LBA is very simple, there is no need to bury the battery, or complex wiring and setting.

Just simply put the lamps on the poles, twist and fix to complete the installation.



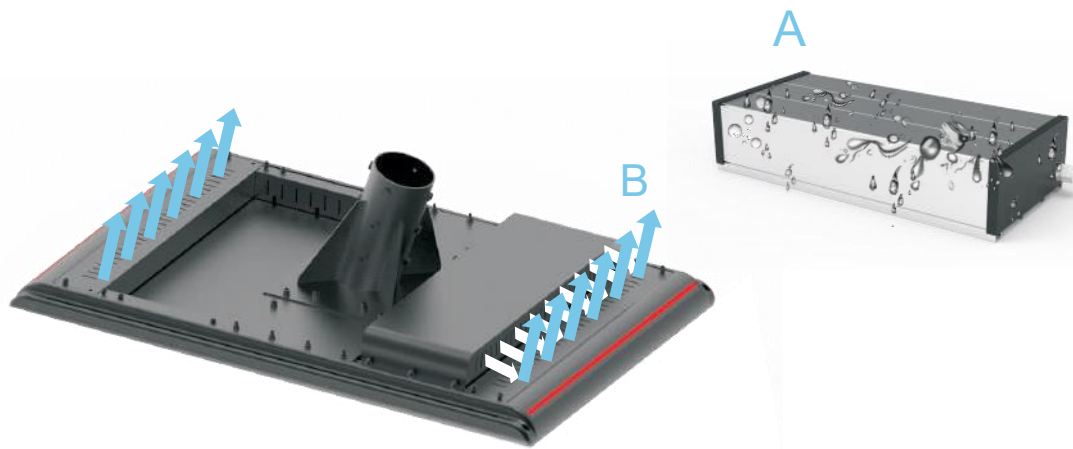
### 2. Not affected by any weather

#### A. IP66 Waterproof of the battery pack

#### B. Powerful heat dissipation design

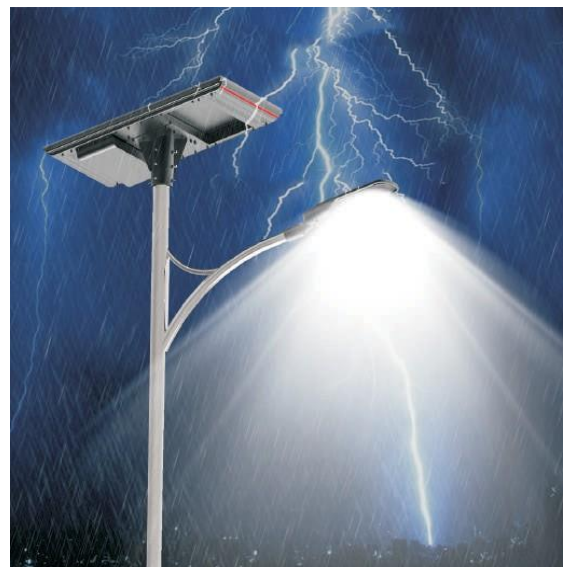
LBA structure is modular design, creating the main components being protected perfectly. IP66 protection grade, preventing the damp and the dust effectively.

The powerful heat dissipation channel ensures the stable working environment for all components and easily overcomes all kinds of harsh environment.



### 3. Smart control with super big configuration

The light will turn on automatically when it gets dark at night and will turn off automatically when it is in the morning. Saving energy consumption by segmented intelligent lighting control.



## SOLAR STREET LIGHT

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### USES AND APPLICATIONS GUIDE

Streets Lighting	V
Parking Lots	V
Residential Roads	V
Public Parks	V
Sports Lighting	V

## ORDERING GUIDE

Ordering Guide: EXAMPLE: HIGHLIGHT-SP-NALF -160W-20W-3-27K -4AH-GR-00

Model	Solar Panel	LED Power	Distribution type	LED Color Temp	Battery Options	Body Color	Arm
HIGHLIGHT SP-NALF	160W	20W	3- Type III	27K	36AH	GR- Gray  *Other colors are available	1 – Single
	180W	40W		30K	48AH		2 - Double
	230W	60W		40K	60AH		
		80W		50K			
				65K A - Amber			

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