



DATA SHEET

Frumos

ALL-IN-ONE SOLAR STREET LIGHT

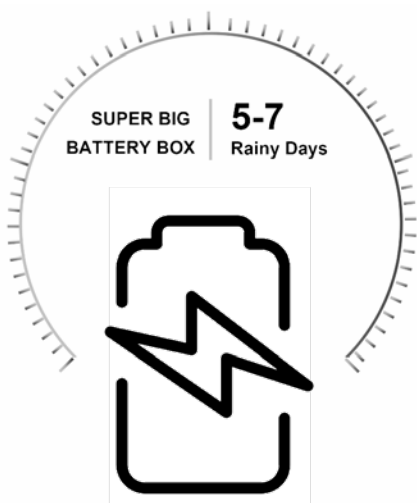
AN-ISSL-C 150-watt solar street light series use imported LG 3030 LED chips. The lumen of this series can go up to 150lm/W, which is 30% higher than similar products.

Added Angle adjustable lamp arm. Adopting a snap-type battery box design, this 150w solar LED street light series is also convenient for battery and controller maintenance. Using new LifePo4 battery, long battery life and large capacity, AN-ISSL-C is very suitable for industrial development zone, industrial and mining enterprises' street lights, and universities outdoor lighting.

PRODUCT ADVANTAGE



Waterproof Connector
IP65 waterproof cable



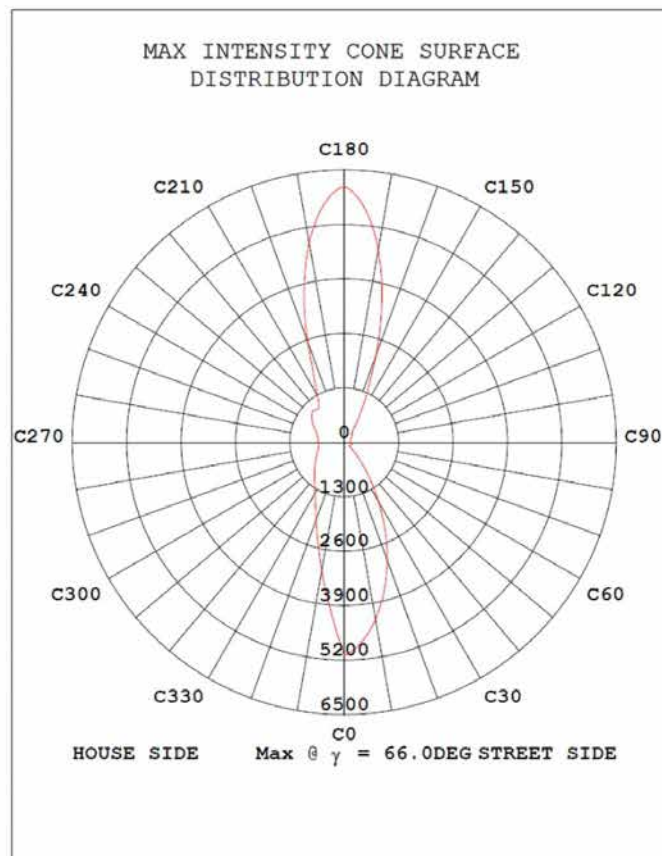
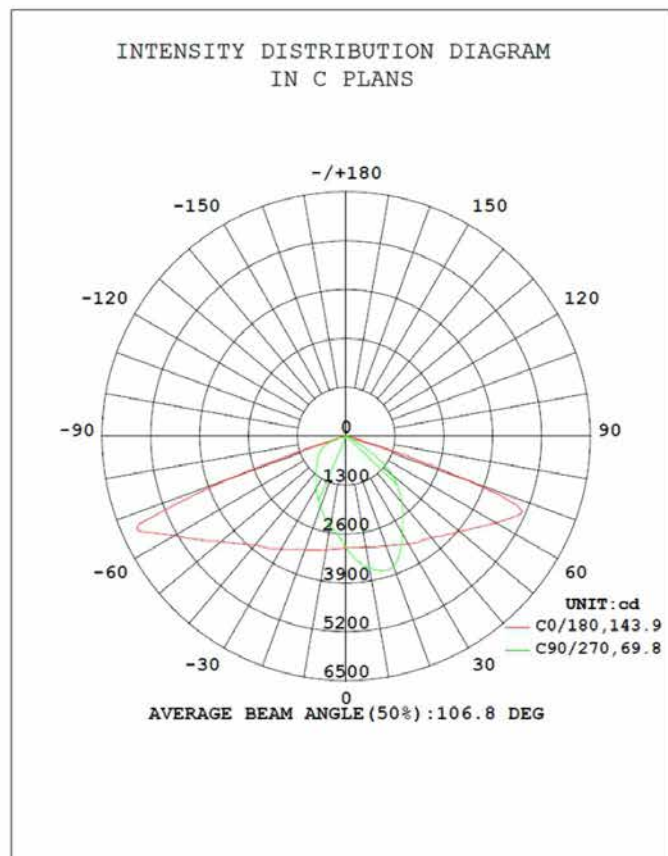
Super big Battery Box
Built in large capacity LiFePO4 battery



Adjustable Angle LED Model
Each LED Module can adjust the angle independently

MODEL	FRUMOS					
Power	40W	50W	60W	80W	100W	120W
LED	96pcs	144pcs	144pcs	240pcs	336pcs	336pcs
Luminous	210lm/w					
LiFePO4 Battery	12.8V28AH	12.8V36AH	12.8V42AH	12.8V57AH	12.8V63AH	12.8V72AH
Mono Solar Panel	18V65W	18V70W	18V80W	18V100W	18V130W	18V140W
Solar Charging Time	6 - 8 hours by bright sunlight					
Lighting Time in Rainy Day	7 - 10 days					
Lighting Mode	12hrs motion sensor control (bright lighting 30secs when people move through the light) + Remote controller					
PIR	120°, >8m					
Material Work	Aluminium alloy + PMMA					
IP/IK class	IP / IK 10					
Temperature	-25°C to 65 °C					

OPTICAL FEATURE

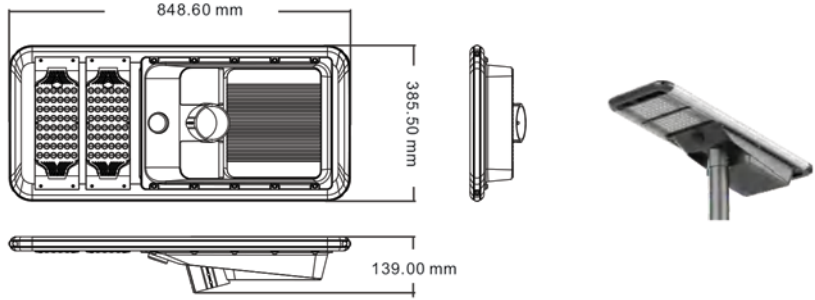
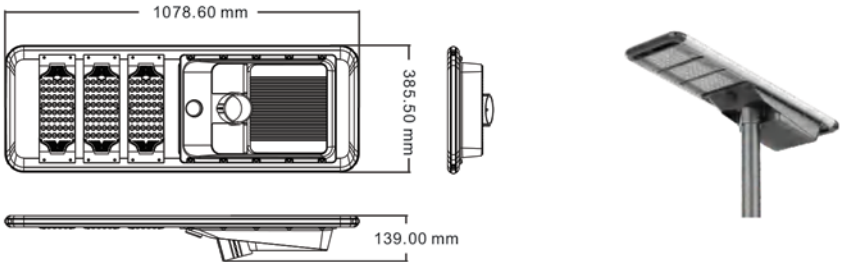
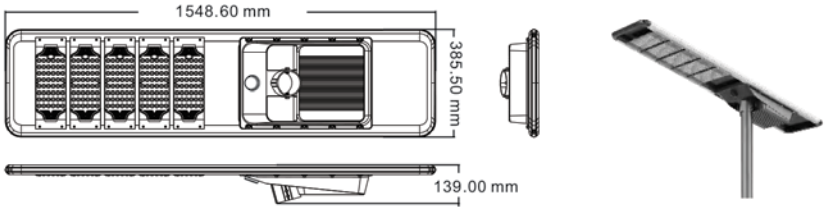
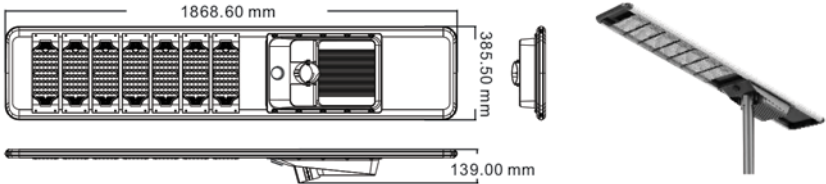


FULL RANGE OF SIX PRODUCTS

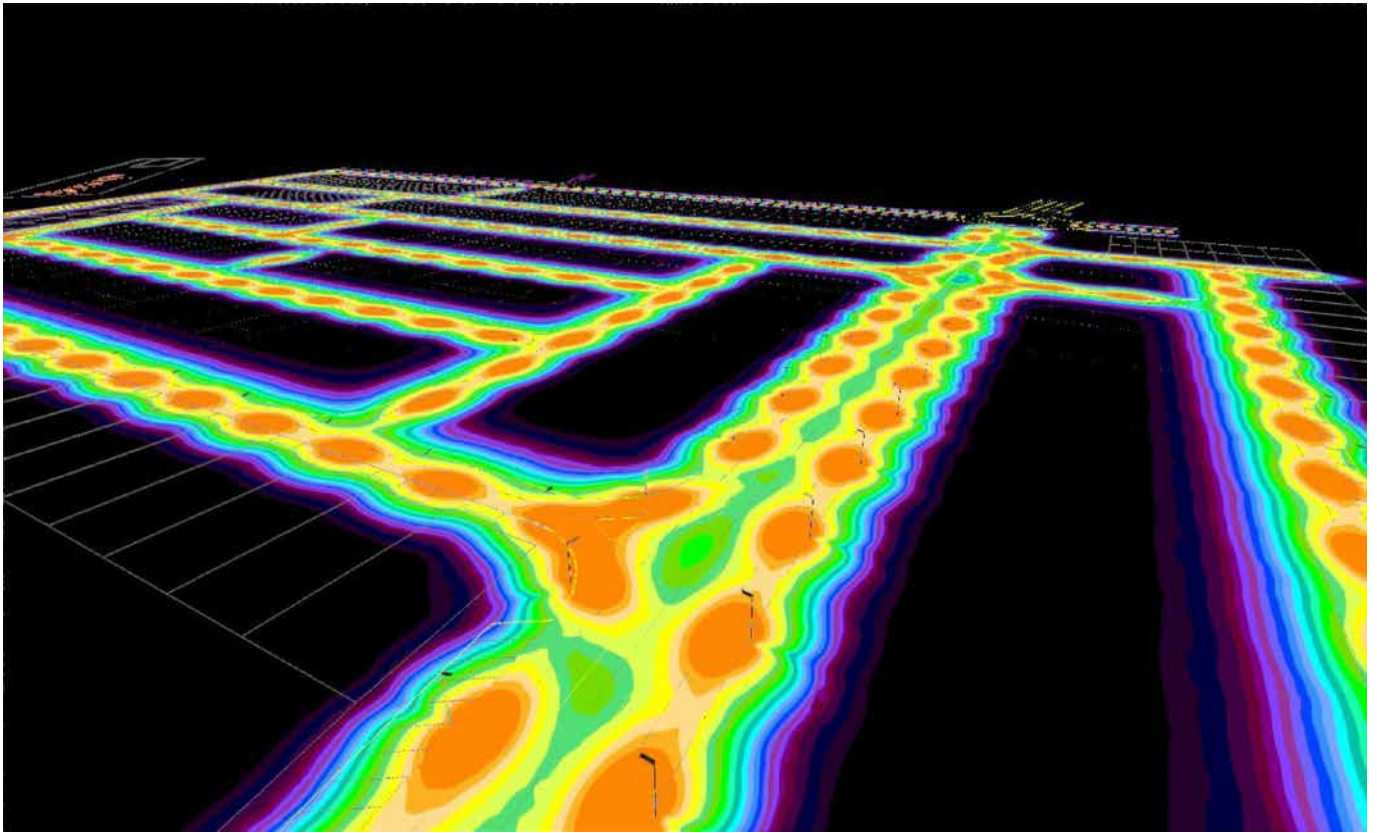
The first choice for engineering lighting



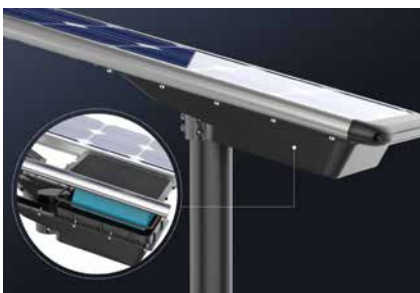
DIMENSION FIGURE

Item no.	Solar Street Light Size
<p>40W 848.60x385.50x139.00mm</p>	
<p>50/60W 1078.60x385.50x139.00mm</p>	
<p>80W 1548.60x385.50x139.00mm</p>	
<p>100/120W 1868.60x385.50x139.00mm</p>	

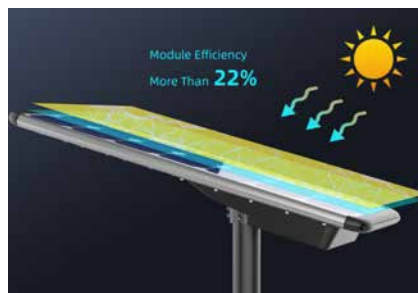
OPTICAL FEATURE



DETAIL



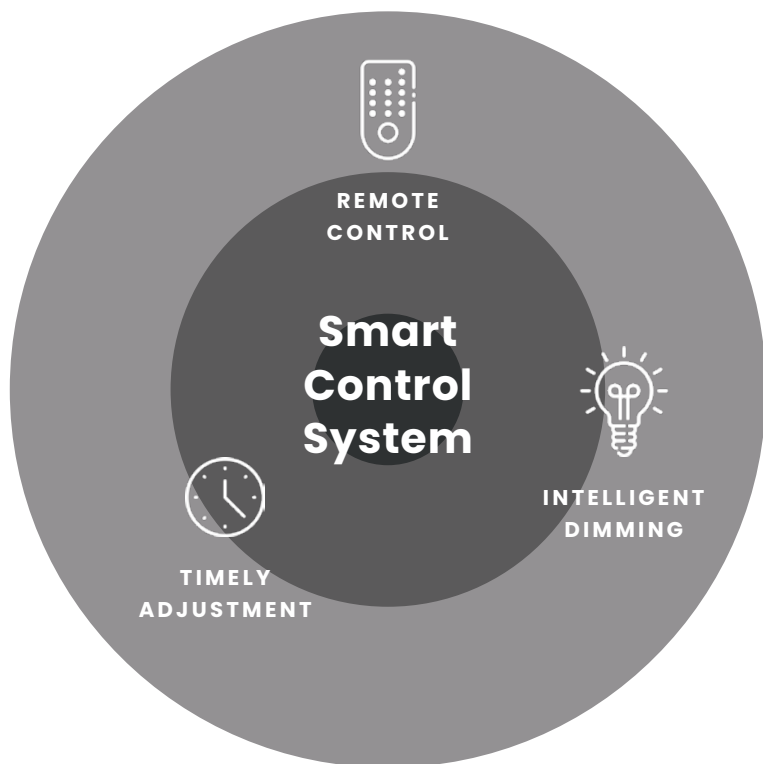
LifePo4 Battery
Brand new and big capacity



Mono Solar Panel
22% photoelectric conversion efficiency



PIR Sensor
More than 8m sensing distance



Empowering energy solutions for street lighting and infrastructure

Sunio is a prominent importer of renewable energy solutions and has a rich history of pioneering sustainable practices and contributing to the clean energy transition in the United Arab Emirates. Founded in 2023 we embarked on a mission to introduce cutting-edge renewable technologies to the UAE market, promoting environmental consciousness and energy independence.

We recognized the growing need for sustainable energy alternatives in the UAE, considering the region's abundant natural resources and the global shift towards clean energy.

We are dedicated to sourcing and importing the latest renewable energy solutions from around the world. Working closely with renowned manufacturers and industry experts, we have curated a diverse portfolio of high-quality products, including solar street light solutions, solar panels, energy storage systems, and other sustainable technologies.

Through strategic partnerships and collaborations, we play a pivotal role in introducing and popularizing renewable energy solutions across the UAE. We actively engage with government entities, private enterprises, and individuals, raising awareness about the benefits of clean energy and facilitating its adoption on a large scale.

Driven by a vision of sustainability and a passion for environmental stewardship, we have actively contributed to the UAE's ambitious clean energy targets. By importing and providing access to advanced renewable technologies, we have helped the UAE reduce its carbon footprint, diversify its energy mix, and foster a more sustainable and resilient economy.

As a trusted importer of renewable energy solutions, we continue to empower individuals, businesses, and organizations to embrace clean energy alternatives, reduce their environmental impact, and contribute to a greener future for the UAE.