



HYBRID SOLAR & AC LED STREET LIGHT

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The features of this hybrid solar&AC street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. When the sunshine is good, the solar panel will convert solar energy into electricity to drive the LED. When encountering extreme weather, the sunshine cannot meet the needs of charging, and the lamp will automatically switch to the mains mode.



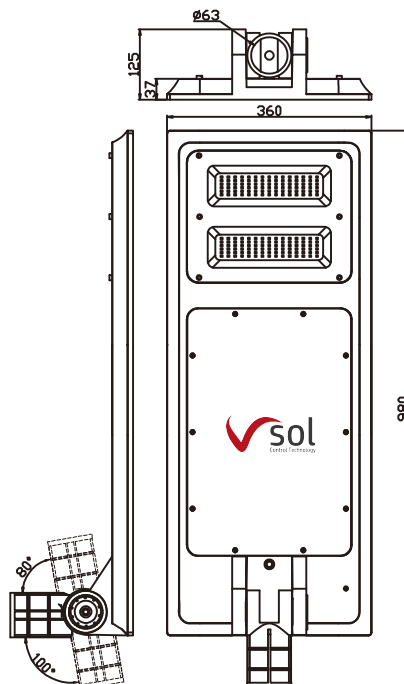
- Fully programmable via solar controller and photo control
- Built-in battery and solar controller
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge
- Perfect for street, parks, parking lots, school campuses, etc.
- Dimensions(L*W*H)
100W 980*360*125mm

PRODUCT SPECIFICATION

Model	V Sol HS 100 - 10
LED Lamp	5730LED 400PCS 3000K-6000K
Power	100W
Battery Type	LiFePO4 12.8V 42AH
Solar Panel	16V 64W, Mono-Crystalline
Input Voltage	AC100-240V 50/60Hz
Charging Time	6-8 hours
Control Method	AC Electricity and Solar Power Supply
LED	160lm/w
Material	Aluminum
Lamp Size	980*360*125mm
Install Height	7-10m
Warranty	3 years

INSTALLATION DIMENSION

Unit:mm



PRODUCT DETAILS

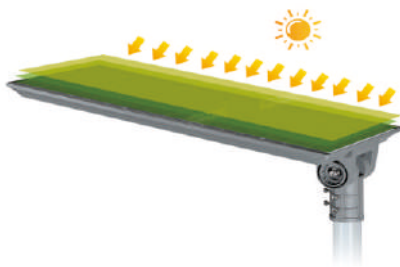
LED Chips

Battery

ON/OFF

Aluminium Lamp Housing

Solar Panel



Solar Panel

High quality monocrystalline silicon material, high charging efficiency, long lifespan

LED Chip

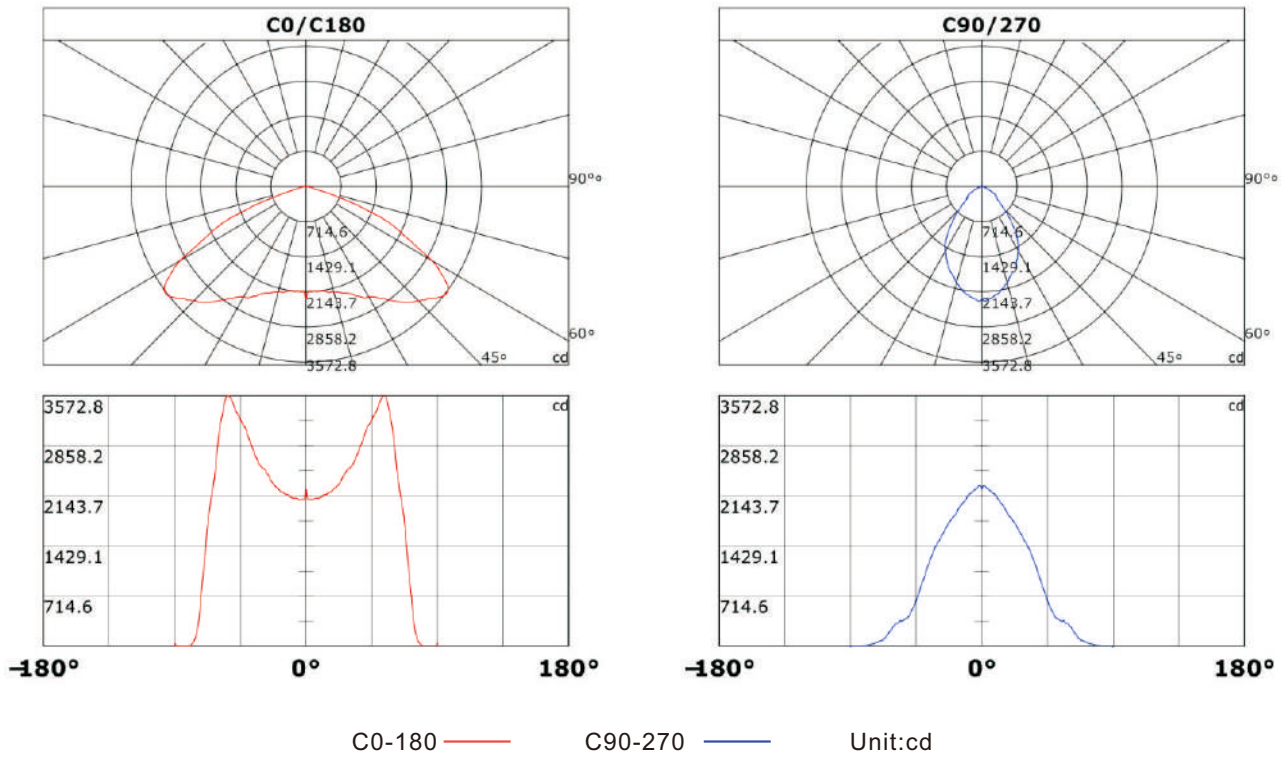
Moisture-proof and waterproof, high quality LED lamp bead has a wide lighting range.



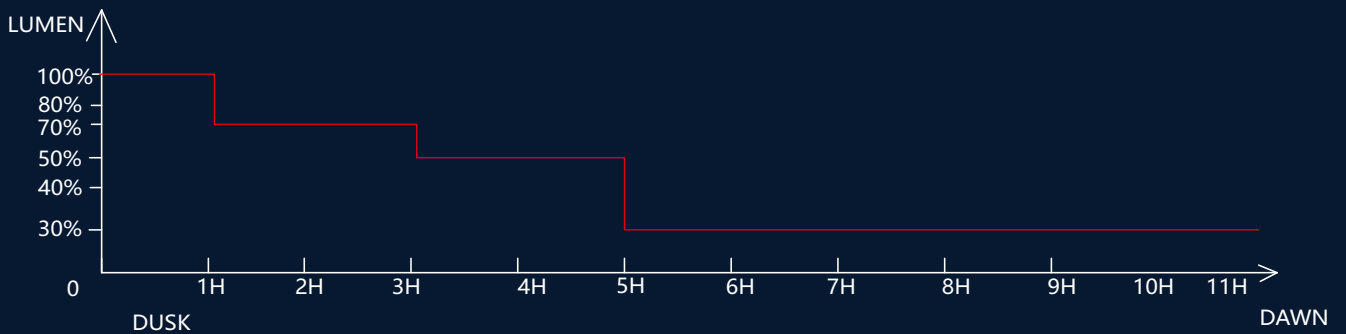
Battery

Long battery lifespan and more durable, even use in the $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$ area

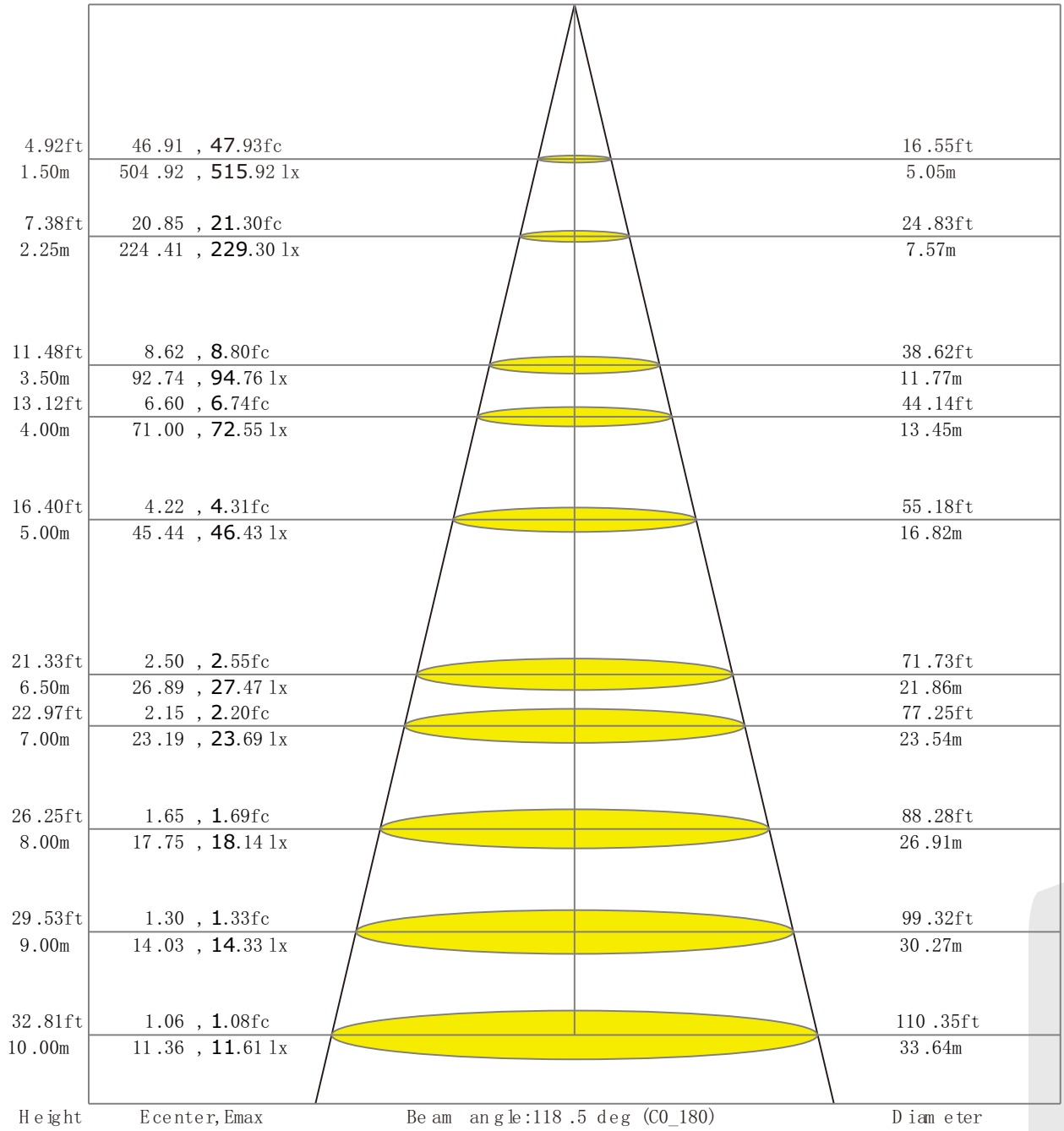
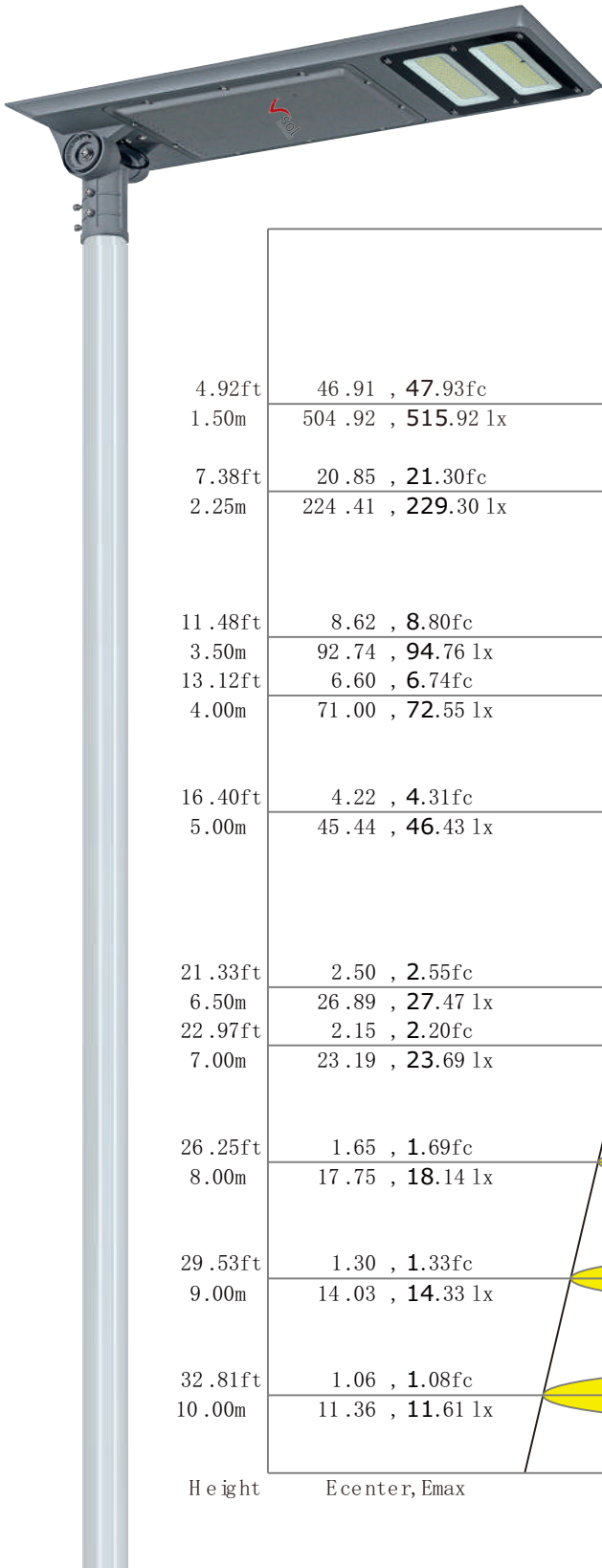
LIGHTING DATA



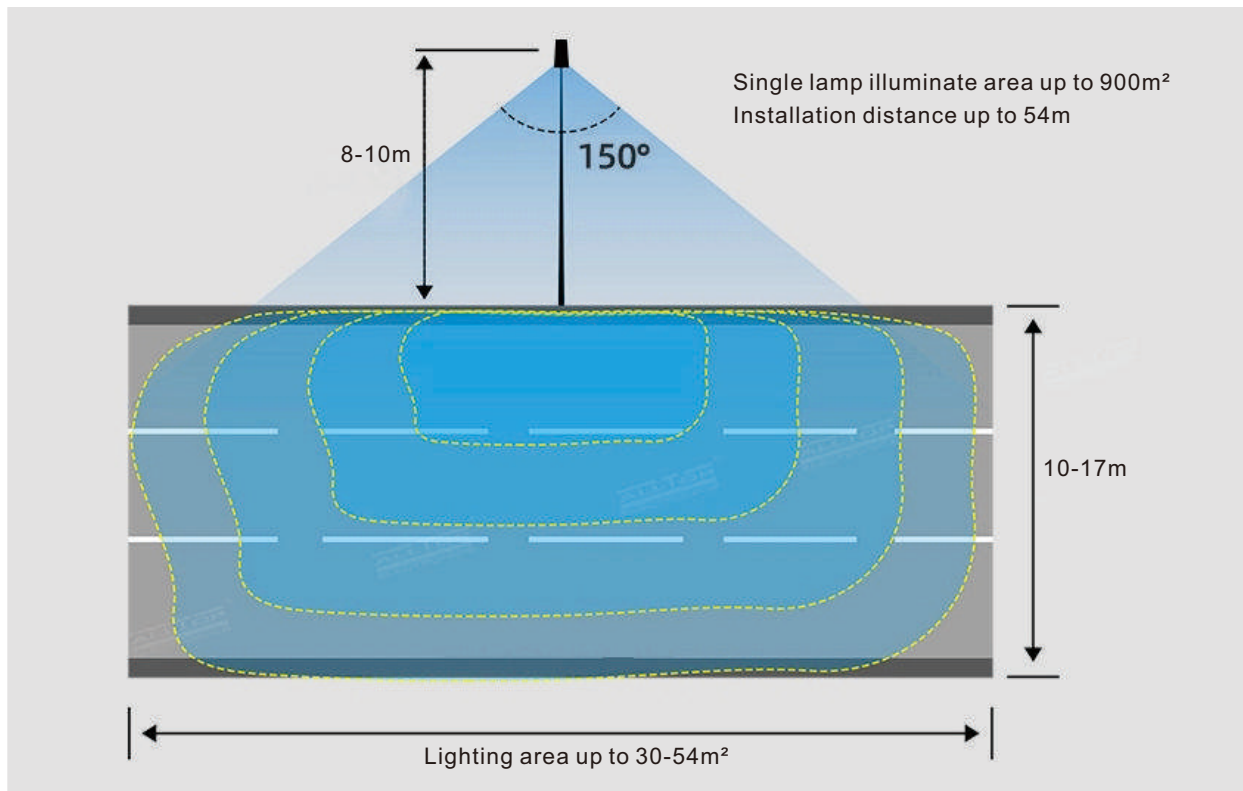
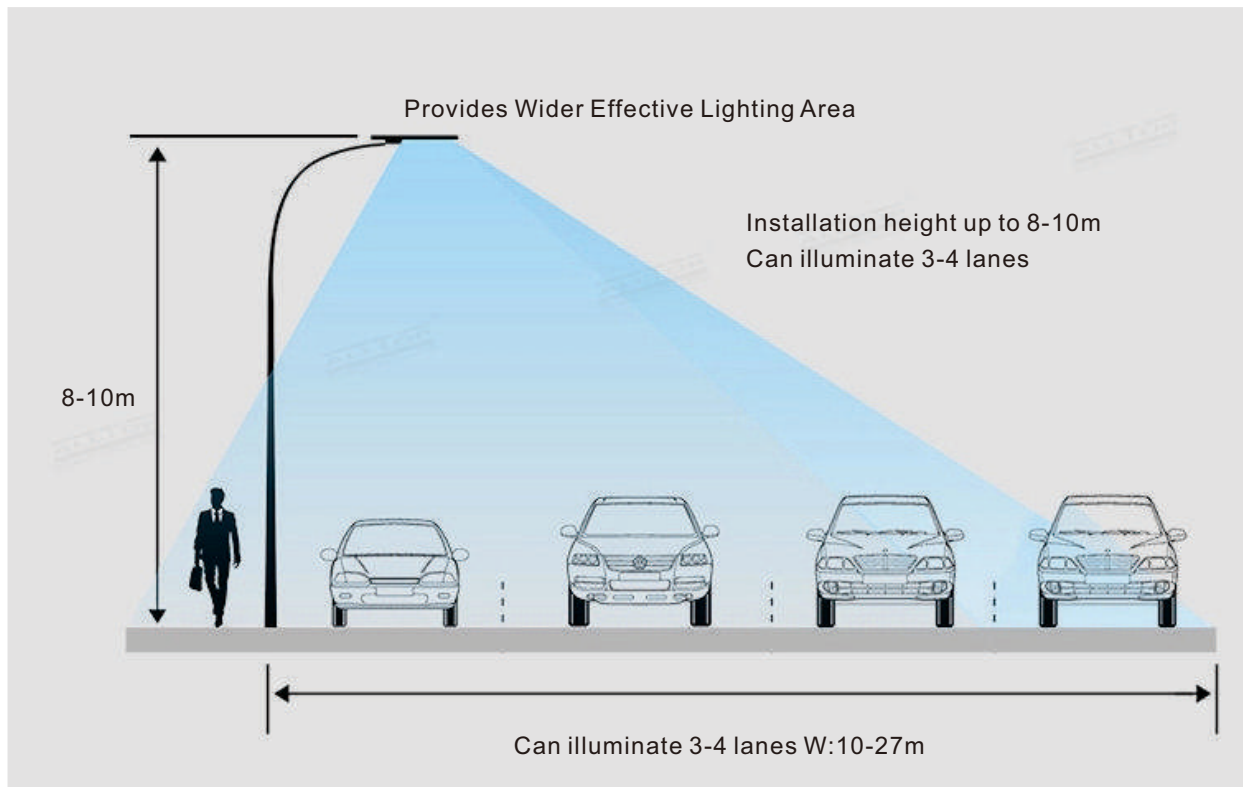
HOW THE LIGHT WORKS



LX-DISTANCE DIAGRAM



WIDE BEAM ANGLE





Contact Us

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Made in Hungary