



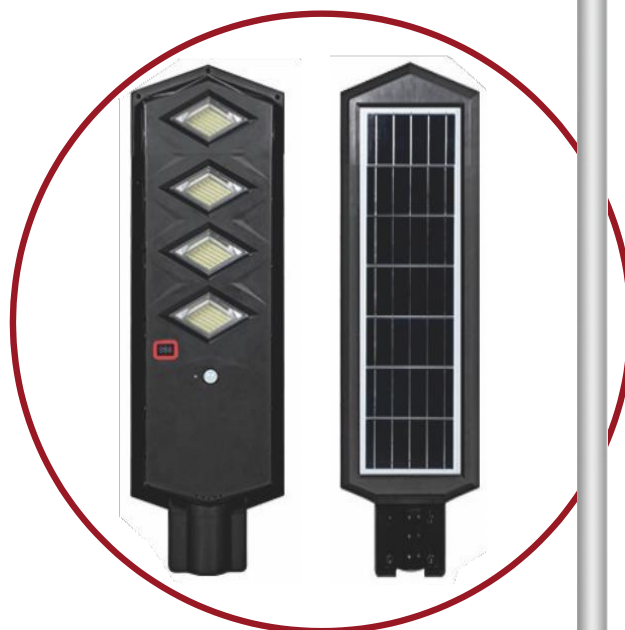
SOLAR STREET LIGHT

50W/150W/200W/250W/300W

The features of this solar street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. No need for a power source which eliminates the need for wiring and trenching.

- Controlled 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 (Require at least 6-8 hours of bright bright daylight to last entire night)
- Fits street , parks, parking lots, school campuses, etc.
- Dimensions (L x W x H):

50W	455*250*85mm
100W	589*250*85mm
150W	707*250*85mm
200W	810*250*85mm
250W	923*250*85mm
300W	1026*250*85mm



ALL-IN-ONE SOLAR STREET LIGHT

50W/100W/150W/200W/250W/300W



PRODUCT SPECIFICATION-1

Model	0271D200-01	0271E250-01	0271F300-01
LED Lamp	5730LED 60PCS	5730LED 75PCS	5730LED 90PCS
Solar Panel	Polycrystalline 5V 20W	Polycrystalline 5V 24W	Polycrystalline 5V 28W
Battery Type	LiFePO4 3.2V 27AH	LiFePO4 3.2V 30AH	LiFePO4 3.2V 45AH
LED Lumen	160lm/w		
Color Temperature	6000K		
IP Rating	IP65		
Material	ABS		
Charging Time	6-8 hours		
Discharging Time	20-24 hours		
Product Size	810*250*85mm	923*250*85mm	1026*250*85mm
Install Height	4-6m	5-7m	6-8m

Model	0271A50-01	0271B100-01	0271C150-01
LED Lamp	5730LED 15PCS	5730LED 30PCS	5730LED 45PCS
Solar Panel	Polycrystalline 5V 9W	Polycrystalline 5V 12W	Polycrystalline 5V 16W
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 15AH	LiFePO4 3.2V 22AH
LED Lumen	160lm/w		
Color Temperature	6000K		
IP Rating	IP65		
Material	ABS		
Charging Time	6-8 hours		
Discharging Time	20-24 hours		
Product Size	455*250*85mm	589*250*85mm	707*250*85mm
Install Height	2-4m	2-4m	3-5m

ALL-IN-ONE SOLAR STREET LIGHT

50W/100W/150W/200W/250W/300W/500W/150W



PRODUCTS DETAIL AND INSTALLATION

LED Chip

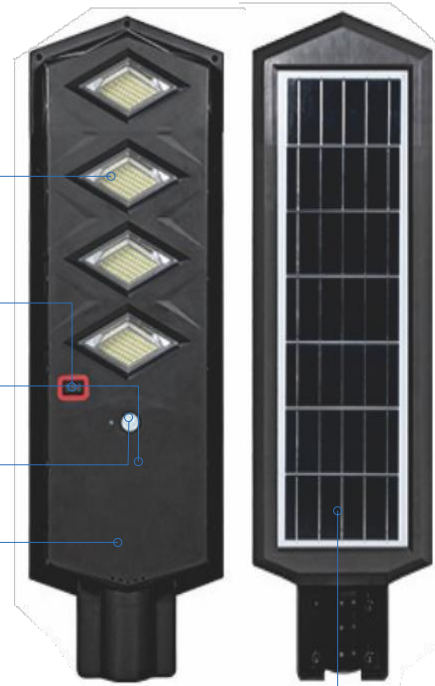
Digital Indicator

ON/OFF

PIR Sensor

Battery

Long battery lifespan and more durable,can save up to 80% electricity.even use in the-20℃~65℃ area



Solar Panel

**VIKTIG!! For installasjoner I Norge er det viktig at solcellemodul er rettet mot Sør.
Monteres lampen I feil retning vil ytelsen reduseres drastisk**



01

Efficient Solar Panel

High quality polycrystalline silicon material,high charging efficiency, long service life

02

High Brightness 160lm/w

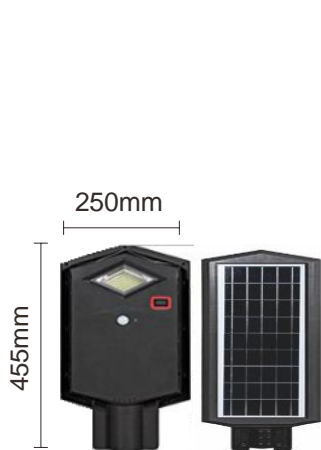
Moisture-proof and waterproof ,high quality LED lamp bead has a wide lighting range

ALL-IN-ONE SOLAR STREET LIGHT

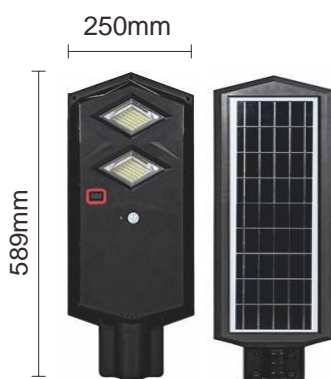
50W/100W/150W/200W/250W/300W5



PRODUCTS SIZE



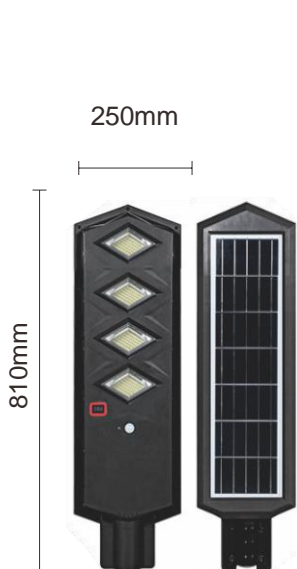
0271A50-01 50W



0271B100-01 100W



0271C150-01 150W



0271D200-01 200W



0271E250-01 250W



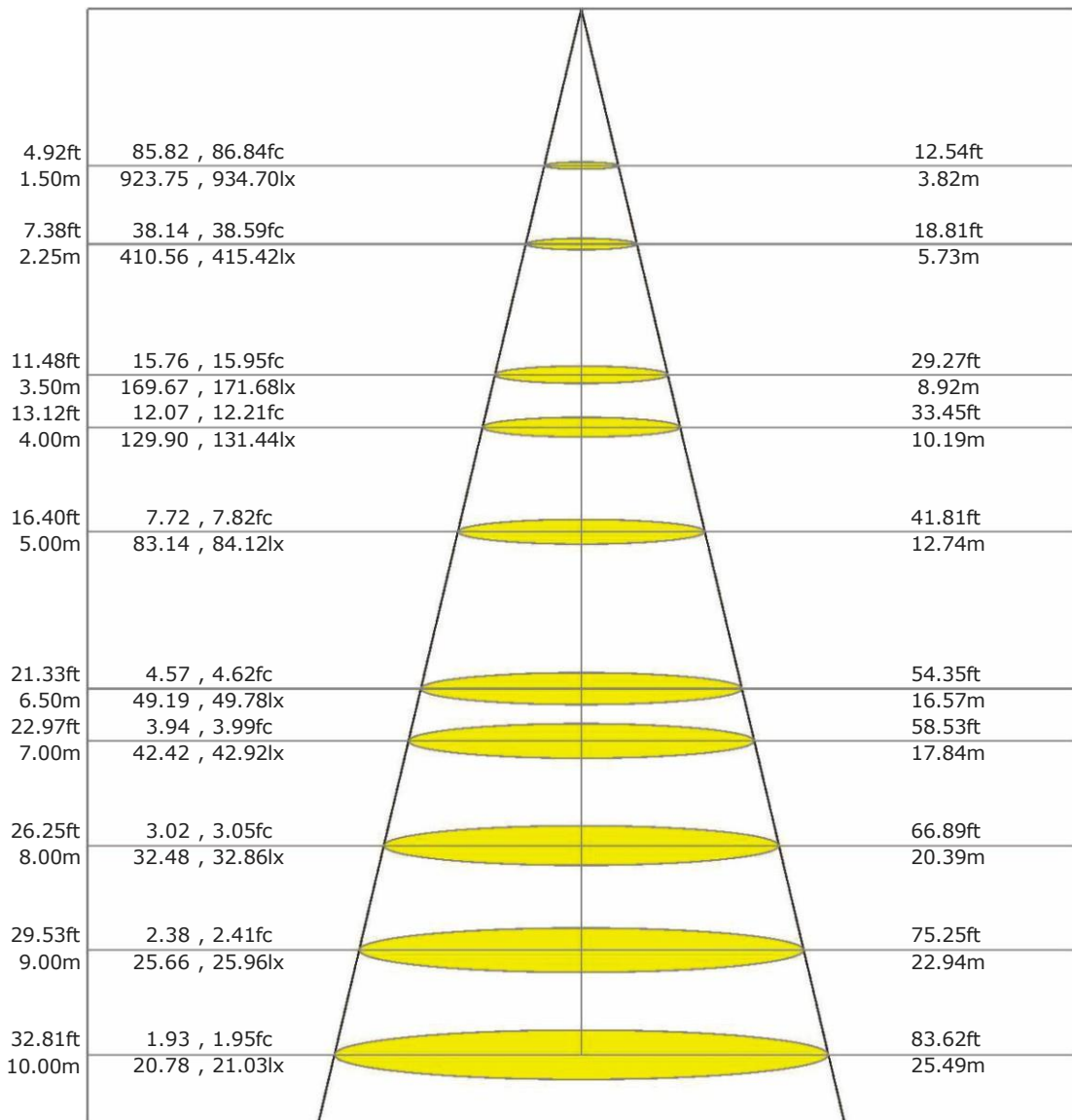
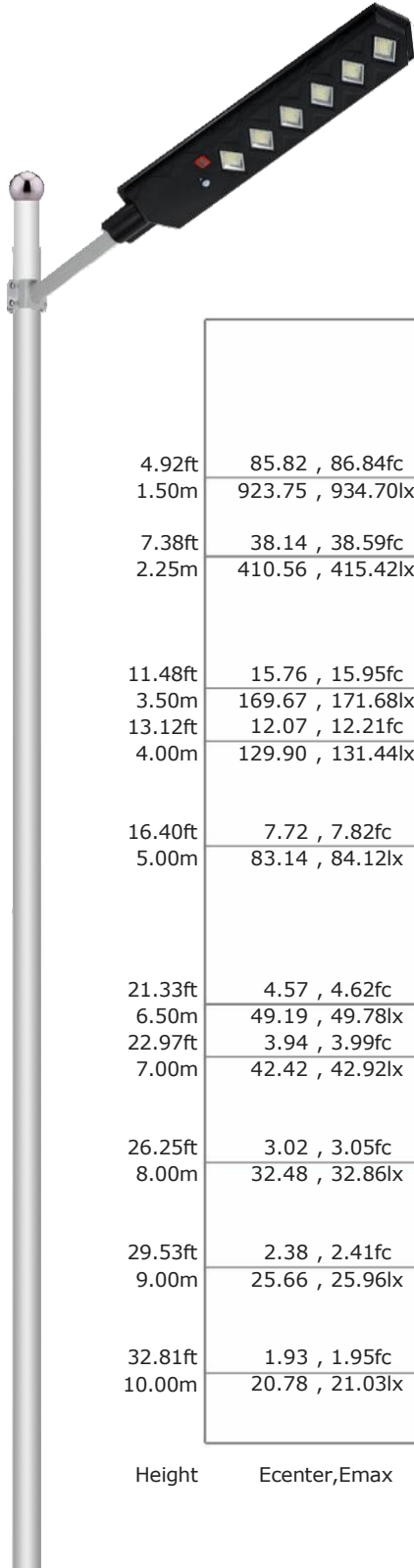
0271F300-01 300W

ALL-IN-ONE SOLAR STREET LIGHT

50W/100W/150W/200W/250W/300W50W/150W



LX-DISTANCE DIAGRAM



Height

Ecenter, Emax

Beam angle: 103.8 deg (C0_180)

Diameter

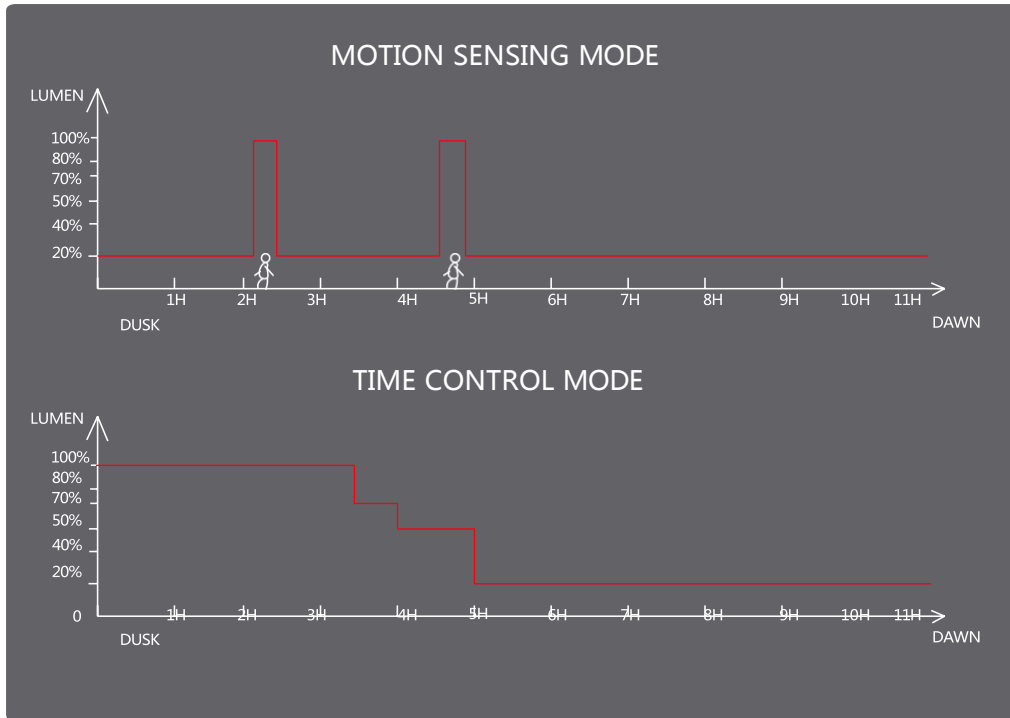
ALL-IN-ONE SOLAR STREET LIGHT

50W/100W/150W/200W/250W/300W50W/150W



HOW THE LIGHT WORKS

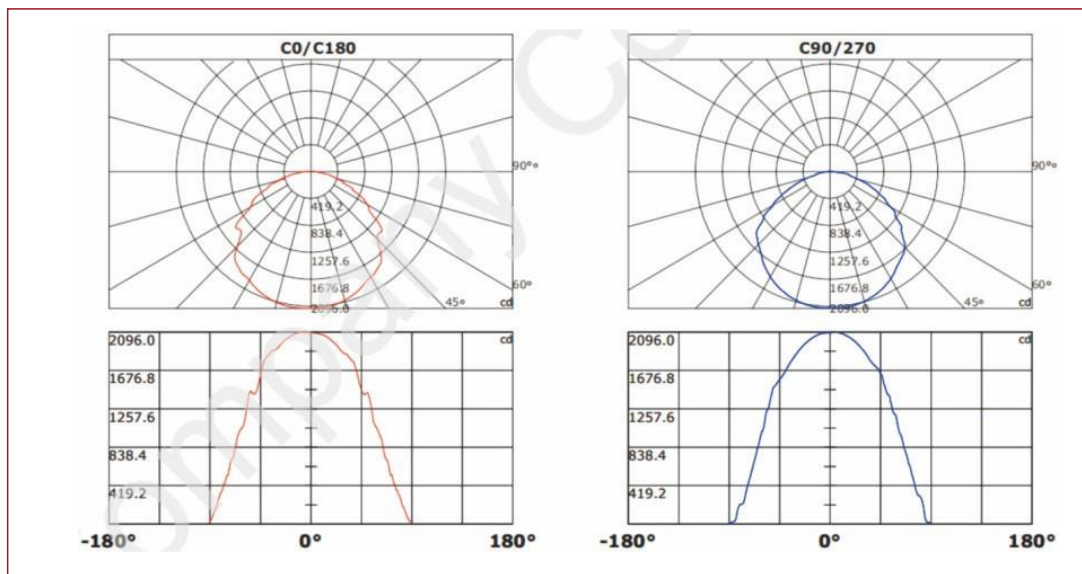
SELECT OPERATING MODE VIA REMOTE



(IMPORTANT NOTE – When StateOfCharge is 30% or below, lamp will only output 20%)



PHOTOMETRICS



C0-180 C90-270 Unit: cd

ALL-IN-ONE SOLAR STREET LIGHT

50W/100W/150W/200W/250W/300W/350W/400W/450W/500W/550W/600W/650W/700W/750W/800W/850W/900W/950W/1000W/1050W/1100W/1150W/1200W/1250W/1300W/1350W/1400W/1450W/1500W



USER GUIDE – IMPORTANT GUIDELINES

Motion Sensor

ON/OFF and Mode selecting

Red/Blue LED Indications

LED Indication	Condition
Red: ON	Charging during daytime
Red: OFF	No Charging while solar panel under dark environment
Blue: ON	Motion Sensing Mode, Full brightness once sensing activated, otherwise 30% brightness
Blue: OFF	Constant Brightness Mode

Note: for the first operation please remove the shading film on the top of solar panel

Tips:

1. Installation direction of the solar panel is 5-10 degrees south to west, an angle of 35 degrees with the horizontal place
2. Please install the solar panel in the sun direction to avoid affecting the power generation efficiency.

****** Its important to direct as much as possible the solar panel towards the sun to make the lamp perform at its best. Without enough sunlight, the lamp will run out of power during long periods with darkness

1. Press the switch once. The lamp flashes once and works at motion sensor mode;
2. Press again. The lamp flashes twice and works at constant brightness mode;
3. Long pressing the switch to turn off the lamp. The lamp will be off until the next day
4. A red LED flash indicates charging. Status indicator will be off when charging and at low state of charge

Timed 4 hours

Timed 6 hours

Turn ON

Turn OFF (will be off for 24 hours and then reboots to sensor modus)