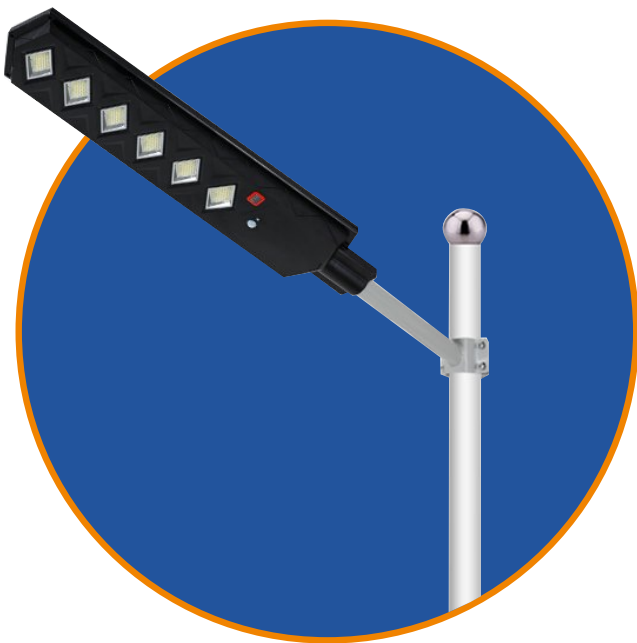




**ALL-IN-ONE  
SOLAR STREET LIGHT**  
50W/100W/150W/200W/  
250W/300W

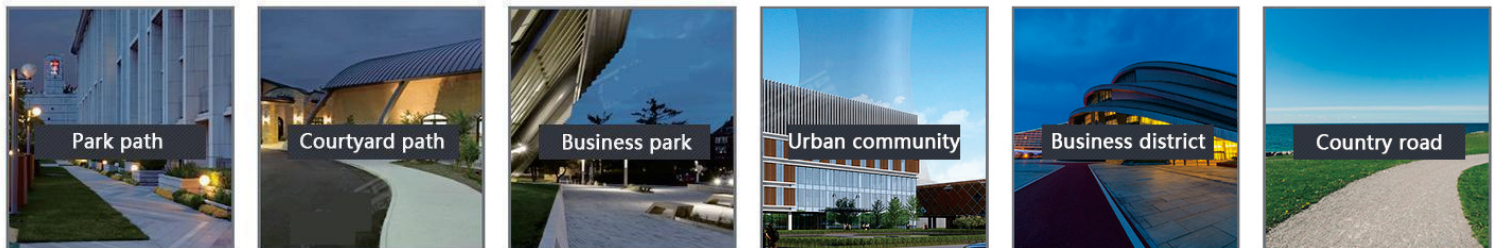
The features of this solar street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. No need for a power source which eliminates the need for wiring and trenching.



- 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 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

		CHARGE TIME	BATTERY LIFE	BATTERY	OPERATING TEMP	BEAM ANGLE	REPLACEABLE	RATED LIFE	WARRANTY



[www.ledsupplyandfit.co.uk](http://www.ledsupplyandfit.co.uk)



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

PRODUCT SPECIFICATION-1

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

PRODUCTS DETAIL

LED Chip

Digital Indicator

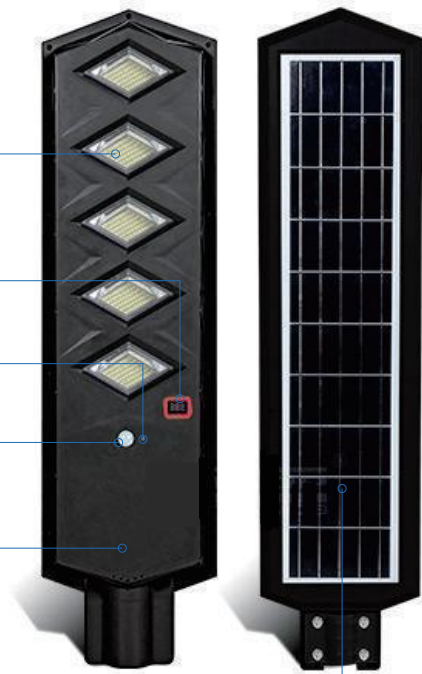
ON/OFF

PIR Sensor

Battery

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

Solar Panel

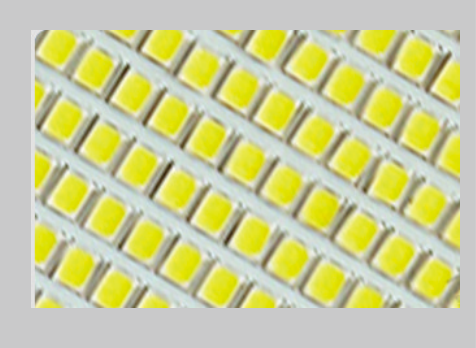


01

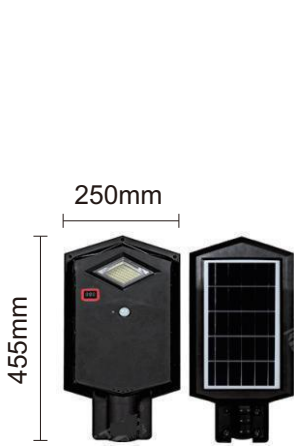
**Efficient Solar Panel**  
High quality polycrystalline silicon material,high charging efficiency, long service life

02

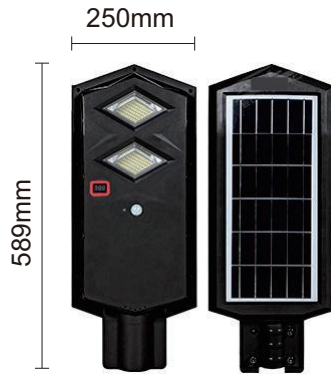
**High Brightness 160lm/w**  
Moisture-proof and waterproof ,high quality LED lamp bead has a wide lighting range



**PRODUCTS SIZE**



**0271A50-01 50W**



**0271B100-01 100W**



**0271C150-01 150W**



**0271D200-01 200W**

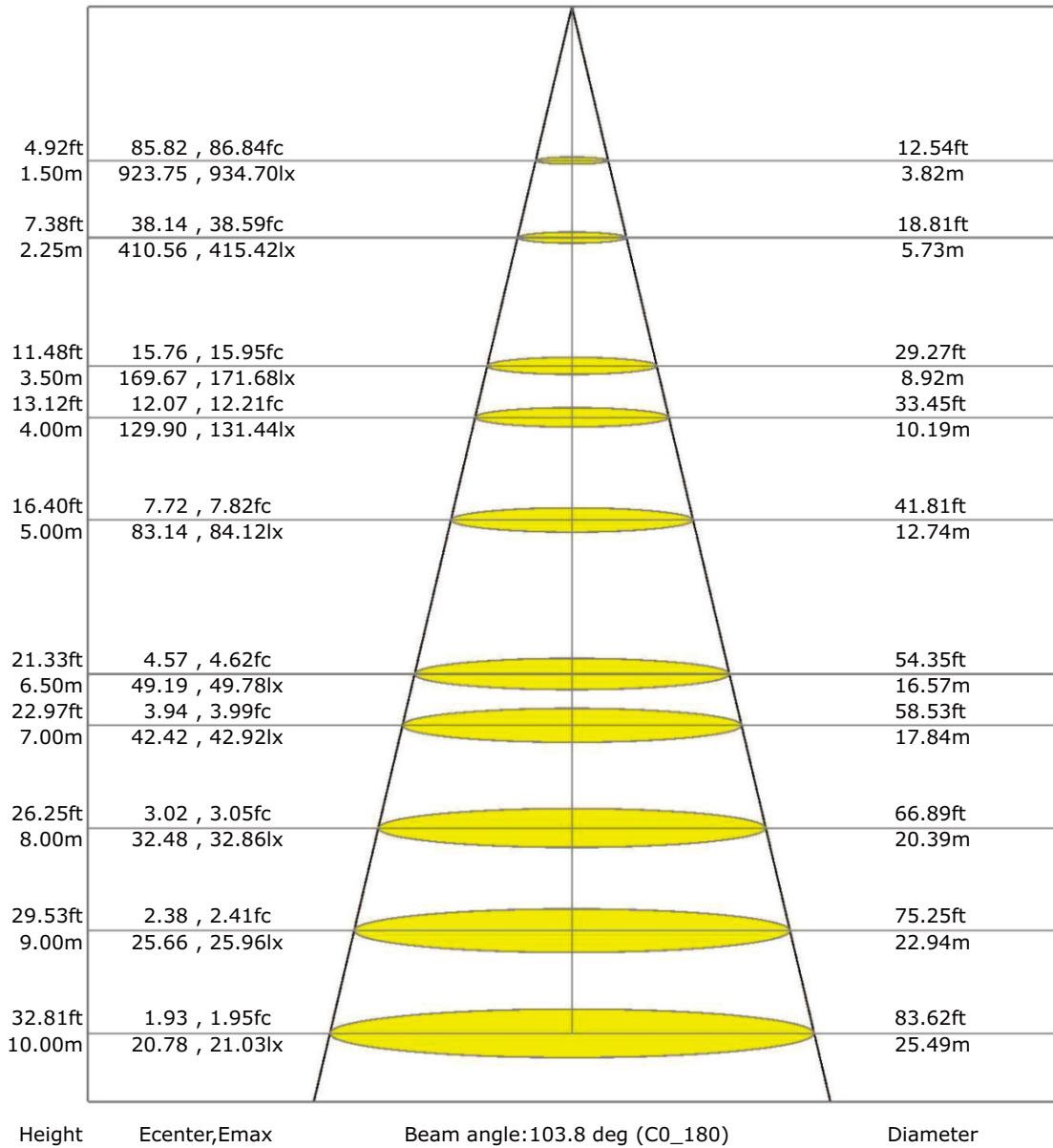
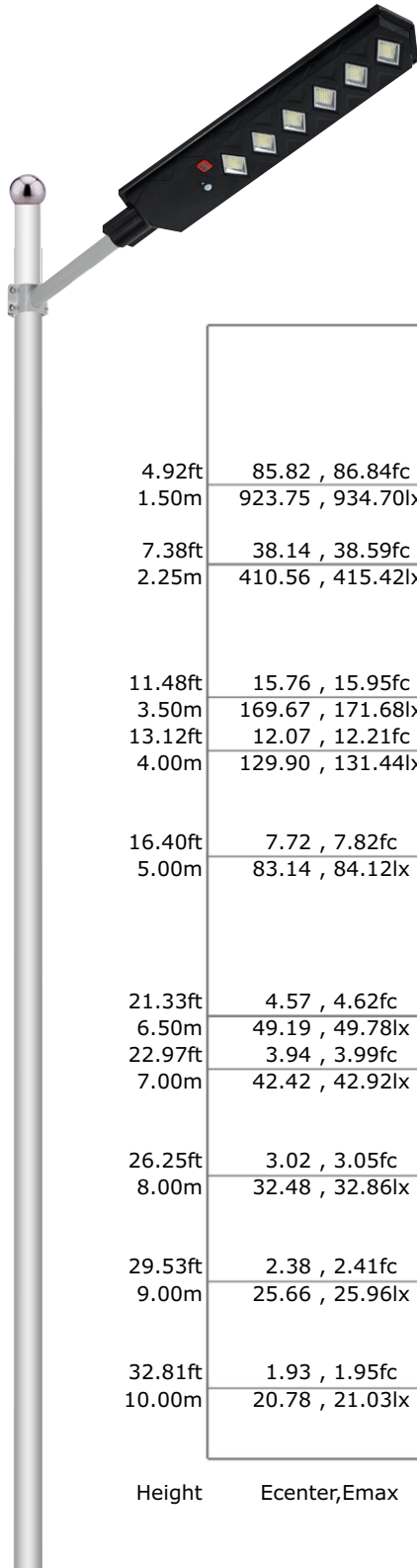


**0271E250-01 250W**



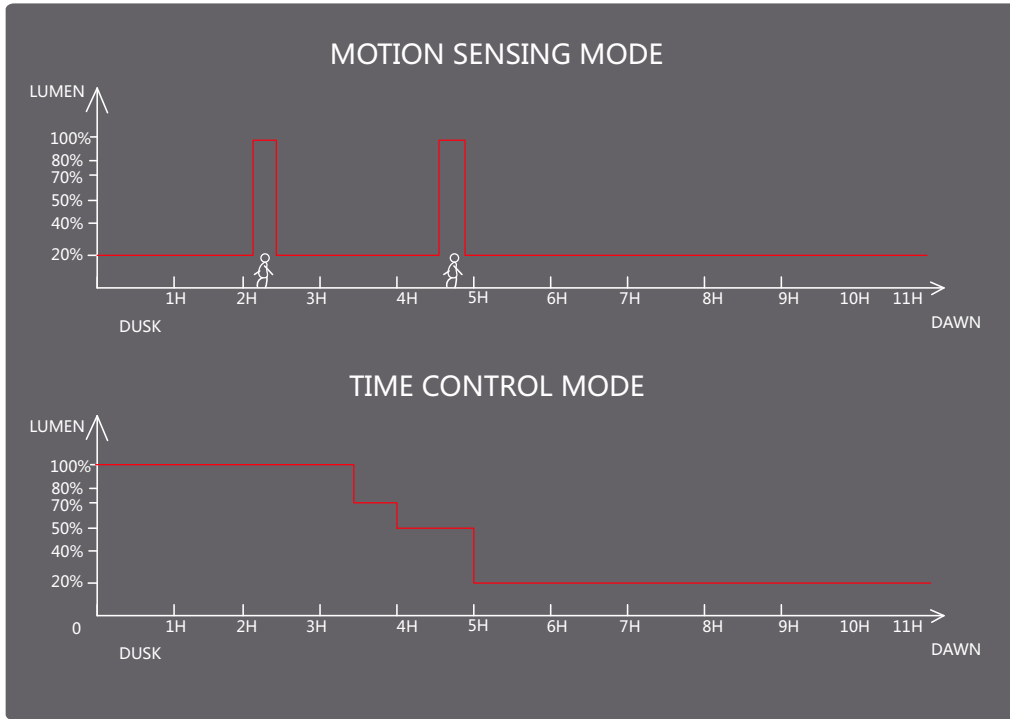
**0271F300-01 300W**

**LX-DISTANCE DIAGRAM**

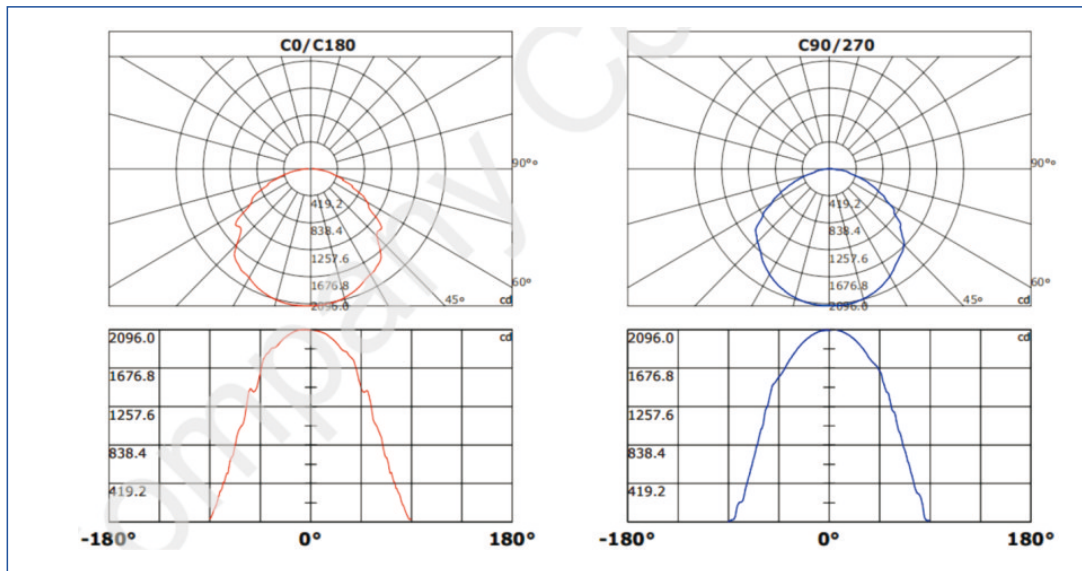


HOW THE LIGHT WORKS

SELECT OPERATING MODE VIA REMOTE



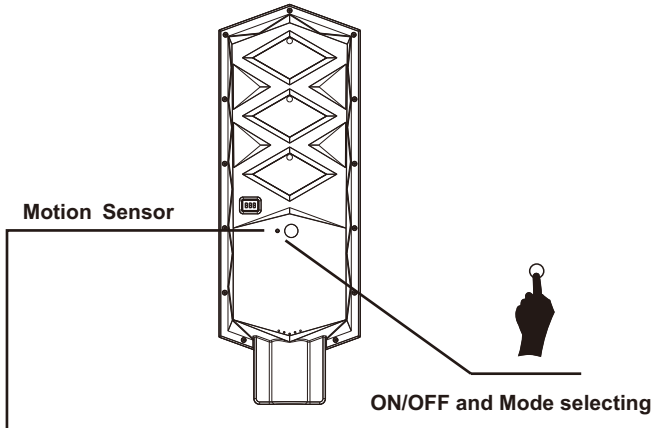
PHOTOMETRICS



C0-180 — C90-270 — Unit: cd



**USER GUIDE**

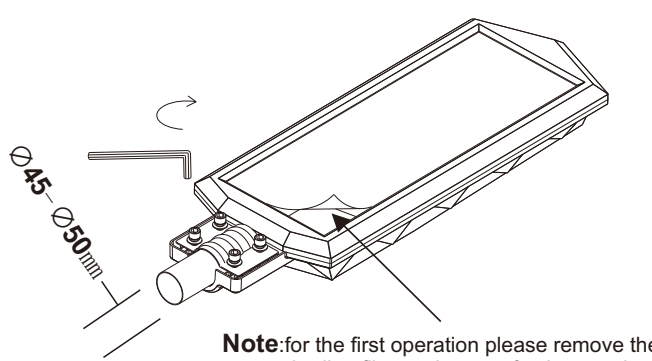


**Motion Sensor**

**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

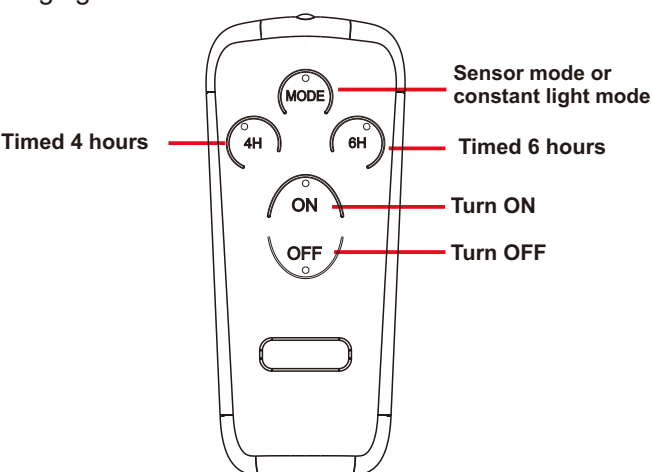


**Note:** for the first operation please remove the shading film on the top of solar panel

**Tips:**

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

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.
4. A red LED flash indicates charging.



**MODE** — Sensor mode or constant light mode

**4H** — Timed 4 hours

**6H** — Timed 6 hours

**ON** — Turn ON

**OFF** — Turn OFF

PROJECT SUCCESS CASE

