

Solar Lighting

Celtech Solar Street Light

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CELTECH
Celtech Security Sdn Bhd

OSRAM
High Power LED
150W 353pcs LED

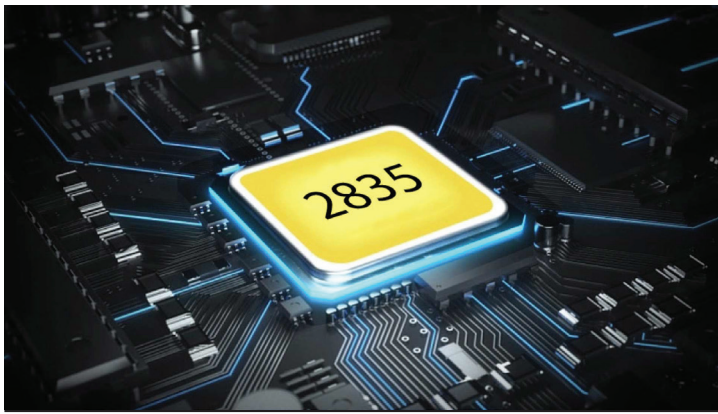


Celtech Solar Street Light

Save money on Electricity and Wiring Costs

Fully solar powered street light with industry leading high capacity battery, and high power OSRAM 2835 led chip.

Borderless solar panel design for maximum charging efficiency, with up to 12 hours continuous lighting without sunlight. Low brightness mode when idle, and brightness increases when a human is detected.

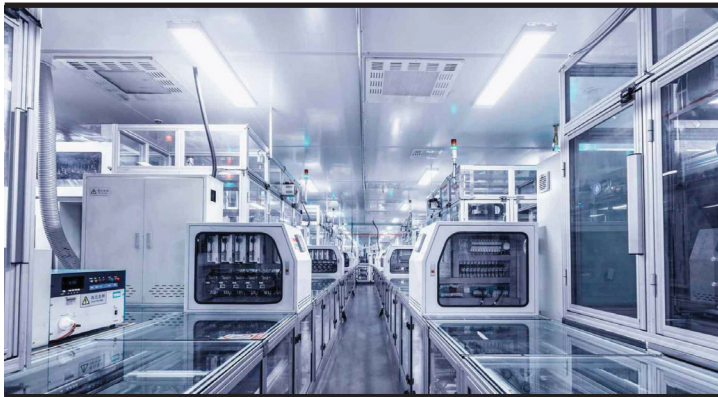


OSRAM 2835 LED

OSRAM 2835 provides flexibility in forward voltage and luminous flux with high lifetime even at high temperature. Optimized phosphor, lead frame and chip design lift the LEDs to a new level of performance.

OSRAM LED Light

OSRAM LED comes with premium quality, extra-long life and exceptional robustness. Get up to 75,000 hours even at high temperatures.



High Capacity Lithium-ion Battery

High quality and long lasting rechargeable lithium-ion battery.

Up to 16 Hours Continuous Lighting

Higher capacity battery allows for higher lighting time without sunlight. Get full charge as fast as 5 hours.



High Capacity Lithium Battery

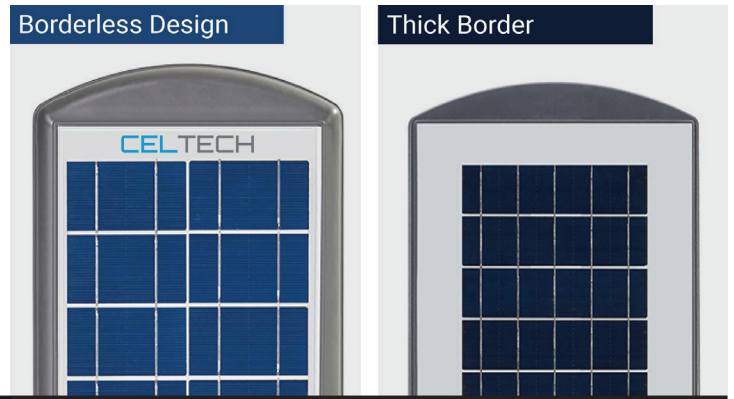


High Quality Polycrystalline Panel

High-efficiency polycrystalline solar panel for maximum efficiency, heat dissipation, and protection from acid rain.

Borderless Solar Panel Design

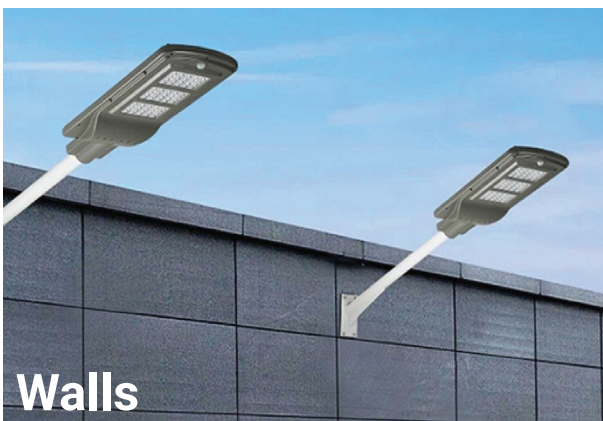
Higher surface area allows you charge faster than normal solar panels, even in cloudy days.



IP66 Protection Rating

Industrial IEC standard 60529 waterproof rating.

Applications





Model		CSL-W5R	CSL-W10R	CSL-W15R
Electrical	Power	50W	100W	150W
	Battery	3.2V 5000mAh LiFePO4	3.2V 10000mAh LiFePO4	3.2V 15000mAh LiFePO4
	Charging Time	5 ~ 7 Hours		
	Discharging Time	16 ~ 24 Hours		
	Remote	Radar, Sensor, Manual, Timer		
Technical	LED Chip	OSRAM 2835		
	LED Quantity	89pcs	153pcs	353pcs
	Lens	PC Lens		
	Beam Angle	120°		
	Mounting Height	3 ~ 6 Meters	3 ~ 6 Meters	3 ~ 6 Meters
	Lighting Area	30m ²	40m ²	80m ²
	CCT	6500K		
	PV Panel	7W 4.5V	9W 4.5V	15W 4.5V
General	Solar Panel Dimension (LxW)	384 x 194mm	384 x 194mm	498 x 208mm
	Product Dimension (LxWxH)	390 x 250 x 66mm	390 x 250 x 66mm	500 x 230 x 66mm
	Bracket Length	400mm		
	Housing Material	Tempered Glass and UV Proof ABS		
	Waterproof Rating	IP66		
	Protection	Short Circuit Protection, Over Heat Protection, Charging and Discharging Autocut Support		
	Lightning Proof	4KV Surge Protector		
Certification	CE, RoHS			