

Solar Street Lights

ELA-L020



Everlight solar street lights are a cost effective and environmentally friendly solution for all types of outdoor lighting needs. Solar street lights are easy to install and reliably operate with no maintenance, saving both time and money. Installing solar street lights also frees you from the burden of costly utility supplied electricity.

FEATURES

Design Features

- Maintenance-free, sealed gel batteries
- Warranty for solar modules can last up to 25 years
- Energy efficient LEDs provide high quality brightness
- Powered with high efficiency solar cells and solar energy battery
- Superior performance and long life. Capable of operating up to four days in overcast or rainy conditions
- Integrated, high-performance MOSFET control circuitry. Multiple protection features including battery charge/discharge control and excessive voltage and current regulation.

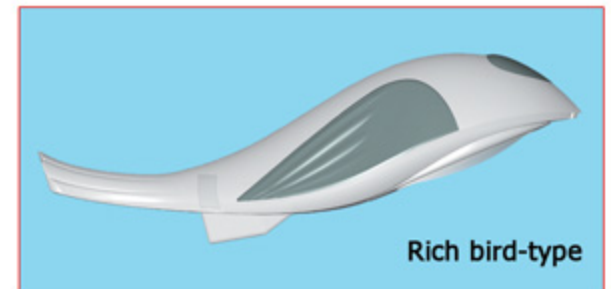
Value and Convenience

- Ideal for areas with little or no electric grid connection
- Easy installation, no manual operation or electrical cabling required

Light Fixture Types



Lute-type



Rich bird-type



Spring bamboo-type

APPLICATIONS

- Highways and municipal streets
- Residential sidewalks and neighborhood streets
- Commercial and retail shopping areas
- Parking lots
- Docks, wharfs and boardwalks
- Bridges and overpasses
- Parks and recreation areas
- Building entryways

- Keep your installation costs and personnel to a minimum; reduce traffic delays
- Continue to work in case of a power blackout
- Energy efficient LED light eliminates frequent light changes

Environmentally Friendly

- Powered by clean, renewable and free energy from the sun
- LED lights are mercury free, which means no toxic waste when they are disposed
- Displaces grid supplied electricity and reduces carbon emissions

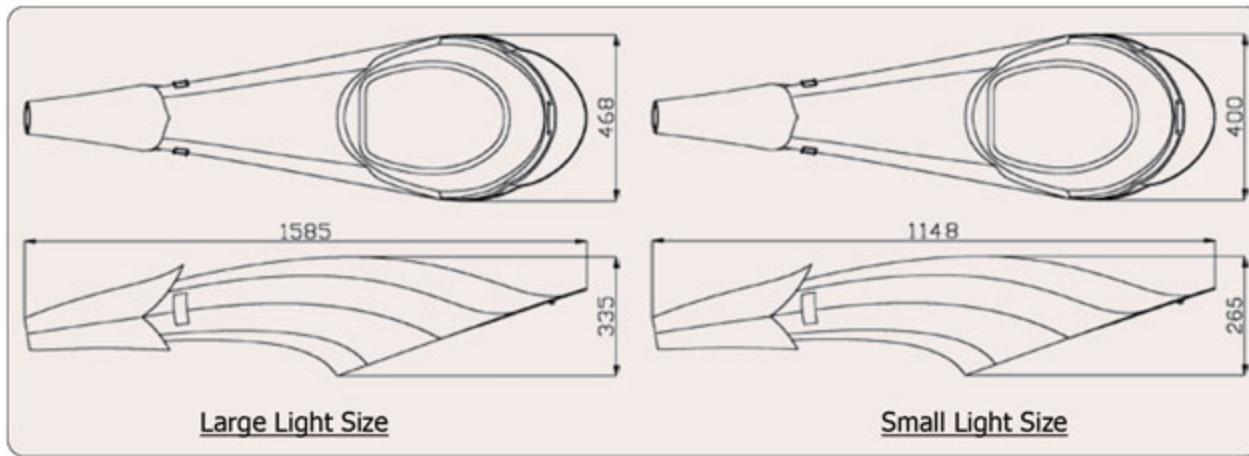


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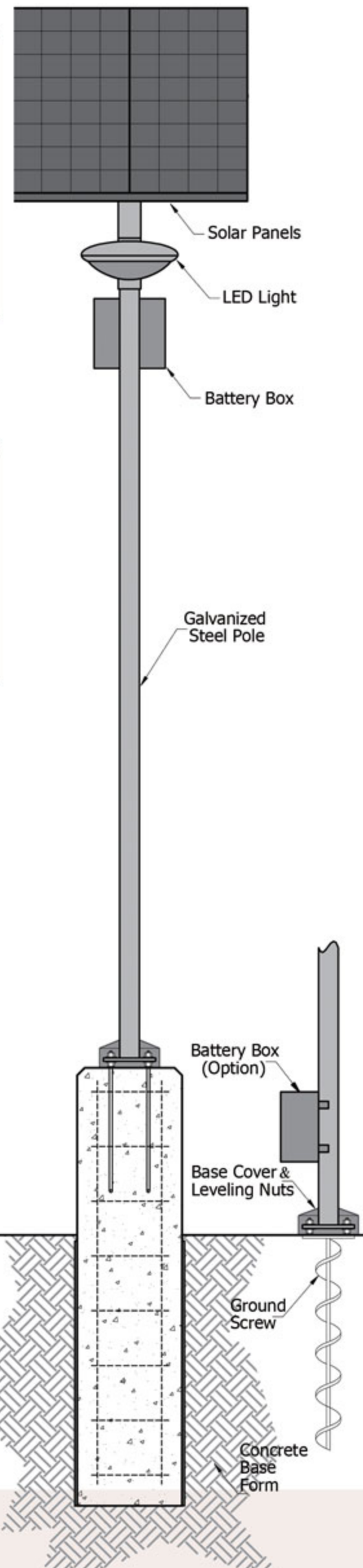


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Light Assembly Dimensions



Light Source



SPECIFICATIONS

ITEM	TECHNICAL CHARACTERISTICS	LIFE
Work Condition	Operating temperature: From -50°C to 70°C	25 years
	Operating Voltage: 24V	
	Wind rate: 96km/h	
	Water resistance: IP54	
	Lighting Time: Continuous operation for 12 hours/day and up to 4 days in overcast or rainy conditions.	
Solar Panel	4×110Wp (Monocrystalline/ Polycrystalline Silicon)	25 years
Light Source	LED power: 96W	100,000 hours
	LED brightness: 33Lux	
	LED color temperature: 6000-7000K (Sun color)	
Light Pole	Height: 10m	20 years
	Material: Steel, hot-dip galvanized	
	Treatment: Spray (color optional)	
	Thickness: 4mm	
Light Assembly	Size: 1585(L)×468(W)mm / 1148(L)×400(W)mm	20 years
	Material: Die-cast aluminum	
	Treatment: Shot peening treatment	
	Weight: 8kg	
Battery	24V 350AH	3~5 years
	Maintenance-free Colloid	
Controller	24V 10A DC	3 years
	Time and Light switch controller	

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