



New standard in intelligent outdoor lighting

Outstanding efficiency: 5 hours of charge produces 25 hours of full illumination. The proprietary High Performance Electronic Charger with built-in microprocessor produces unparalleled efficiency resulting in the most optimum use and conversion of daylight to electrical energy.



The SOLGreen series lighting system was developed for the purpose of out-performing, watt-for-watt, any solar outdoor lighting product on the market today.

Significant cost saving of electrical energy:

- Without the solar module: 60% plus
- With the solar module: up to 100%

Design

Stylish Cobrahead fixtures available in four colors and two sizes – 35W and 70W.

We are motivated to satisfy local requirements for total customer satisfaction.

Applications:

	3,600 Lumens 35 Watts SOLGreen-35	7,200 Lumens 70 Watts SOLGreen-70
Street lighting	X	X
Intersections		X
Parking lots	X	
Parks	X	
Pathways	X	
Bus shelters	X	
Gas stations	X	
Dock and pier lighting	X	
Highways and roadways		X



Options

The SOLGreen series lighting system can be used for new and retrofit installations of existing pole lights.

The system can be used with or without the solar module based on economic and geographic preference.

- Without the solar module the SOLGreen lighting system's industry leading high Lumen/Watt ratio of 103 provides a 60-65 % saving of electrical costs.
- With the addition of the solar module further savings of up to 100% can be realized. The solar module charges the battery storage system. Five hours of "reasonably bright" daylight produces 25 hrs (average of 2.5 nights) of full spectrum illumination, evenly distributed on the ground. The high level of sensitivity of the electronic pulsation battery charger ensures full daily charge of the battery module.

Installation of SOLGreen series lights (with solar module) in those geographic areas with high propensity of sun and bright daylight require no tie-in to the local power grid system.

Details

- Efficiency of solar panel: 20% plus
- Ballast: 24 VDC, 2 stage dimmable, MORLight proprietary development
- Maximum consumption of full battery charge: 15A/hr
- Optional automatic dimmer system combined with motion controls, for increased power saving
- Integrated power control system regulates the draw of electricity either from the grid or from the solar module based on the level of charge in the battery
- Spread of illumination on the ground is adjustable to meet local requirements
- Custom requirements can be accommodated

