



**Sun-In-One™**  
New Electrical Solar Light and Power Products



## SPECIFICATIONS

### LIGHT

POWER	90 Watt LED Light
LUMINOUS FLUX	9,000 Lumens
DC VOLTAGE	24 Volts
CERTIFICATIONS	UL, LM79, LM80, CE, RoHS
LIFE SPAN	80,000 Hours
WARRANTY	7 Years
ADVERTISING LIGHTS	(2) 5 Watt LED Pen Lights

### SOLAR

POWER	(2) 310 Watt Solar Panels
VOLTAGE (VOC) / CURRENT (IMP)	45.9 Volts DC, 5.43 Amps
CERTIFICATIONS	ETL UL, TUV, CE, ISO, CE
DIMENSIONS	1957 mm x 990 mm x 50 mm

### WIND

POWER / RATED RPM	200 Watt Wind Turbine / 200 RPM
CUT-IN WIND SPEED	2.5 m/s (5.6 mph)
CUT-OUT WIND SPEED	30 m/s (61.1 mph)
RATED WIND SPEED	12 m/s (26 mph)
DIMENSIONS	4.2 ft H x 2.6 ft W
NOISE LEVEL AT 12 m/s	40 dB

### OTHER COMPONENTS

BATTERY SYSTEM	(4) 12V AGM Batteries, 140 Amp Hrs
BATTERY WARRANTY	Prorated 5 Years
MPPT CHARGE CONTROLLER	15 Amp (Solar) / 30 Amp (Wind)
CHARGE CONTROLLER WARRANTY	5 Years (Solar) / 3 Years (Wind)
TIME CONTROL SETTING	2 -12 Hours – Dusk until Dawn
INSULATED HOUSING BOX	Powder Coated Steel – Black
SOLAR PANEL RACKING	Side of Pole Mount System
INTELLIGENT MOTION SENSOR	Up to 150 Yds Away
POLE	30 Ft Powder Coated Steel
OPTIONAL	SkyEye™ Security Camera

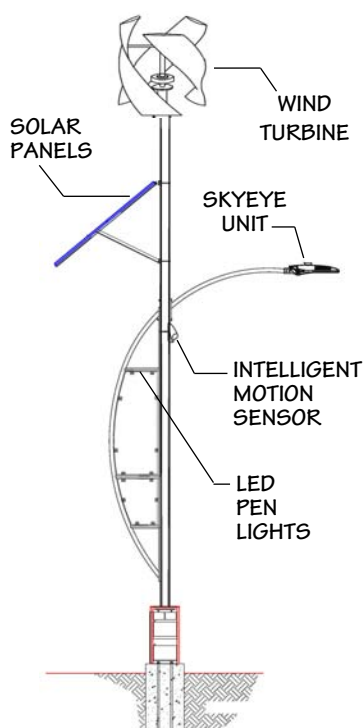
### INCLUDED

Solar Panels, Wind Turbine, LED Light, Intelligent Motion Sensor, Plug & Play Housing Box with Batteries, MPPT Charge Controller, Side of Pole Mount Racking, LED Pen Lights, Pole, Cables, and Overcurrent Protection

## Hybrid Street Light

- (1) 200 Watt Wind Turbine
- (1) 90 Watt LED Street Light
- (2) 310 Watt Solar Panels
- (1) Intelligent Motion Sensor
- (4) 12V AGM Batteries, 140 Amp Hours

**Model  
HSL20090**



### FEATURES / BENEFITS

- Super Bright White Lights for Greater Visibility
- Enhances Security
- No Trenching, Cabling, Metering or Utility Headaches
- Immune to Power Failures or Brown Outs
- Proprietary LED Lighting Technology
- Reliable Hybrid Lights are a Distributed Power Source with No Single Failure Point
- No Utility Bills
- Vandal-resistant Hardware
- Advertising Banner



**Sun-In-One™**  
suninone.com  
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