

### SOLAR INNOVA GREEN TECHNOLOGY, S.L.

N.I.F.: ESB-54.627.278 Paseo de los Molinos, 12, Bajo 03660 - NOVELDA (Alicante) SPAIN Tel./Fax: +34 965075767

E-mail: info@solarinnova.net
Website: www.solarinnova.net



# PHOTOVOLTAIC SOLAR ENERGY

## STREETLIGHTS - SI-ESF-L-MODERN-54W

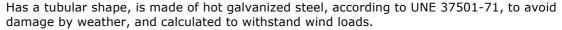


Street lighting using solar streetlights has developed as one of the major applications of solar photovoltaics.

All our outdoor luminaires are based on high-performance LEDs, and incorporating our unique digital control system allowing the control of the functions of the luminaire (optical, temperature, etc.) and ensure their useful life, and an optical system modular developed to offer virtually exclusive photometric solutions for each client.

It is increasingly common to see on highways, streets and gardens lamps powered by solar energy. These devices, which allow to use solar energy to illuminate the streets, as part of our urban landscape. Our solar lamps are designed as a solution for outdoor lighting systems for public and private sector.

### **POLE AND BASE FLANGE**



It supports the lluminaire arm as well as the holding structure of the photovoltaic module.

#### **BOX**



Galvanized steel box with plastic coating sprayed to contain the electronics and battery management.

### **PV PANEL**



Are the elements responsible for capturing the sun's energy and transform it into electricity.

Solar panels are quite similar to those used for other photovoltaic applications, only suitable in size.

## LIGHTING



Elements that convert energy stored in the battery light. We employ efficient LED lights to maximize the captured energy, totally ruling out incandescent bulbs for being great wasteful of energy.

### **BATTERY**



Component designed to store the energy collected by the panels during the day to use it at night in the lighting of the luminaries.

### CONTROLLER



The lamp uses a system of regulation and control that is in a sealed box which guarantees its operation in damp and / or corrosive. This controller has been designed especially for the management of autonomous photovoltaic luminaires.

Optimizes and streamlines the use of stored energy.

CHARACTERISTICS OF WORK		
On-time 100%	Hours/Day	4
On-time 50%	Hours/Day	6
Autonomy without charge	Days	3-5



### SOLAR INNOVA GREEN TECHNOLOGY, S.L.

N.I.F.: ESB-54.627.278
Paseo de los Molinos, 12, Bajo
03660 – NOVELDA (Alicante) SPAIN
Tel./Fax: +34 965075767
E-mail: info@solarinnova.net

Website: www.solarinnova.net



# PHOTOVOLTAIC SOLAR ENERGY

## STREETLIGHTS - SI-ESF-L-MODERN-54W

