



**100%**  
**Natural**  
**Lighting**



**GREEN**  
**SOLAR**  
**LIGHTS**

**ZERO**

Power  
Consumption  
Maintenance



*Towards a carbon neutral world.*

# GREEN SOLAR LIGHTS

Lijan Group, headquartered in Dubai, U.A.E, established in since 2004 specializes in providing solutions In all kinds of Insulation and climatiation systems for Industrial & Commercial sectors.The GREEN SOLAR LIGHT, tailor made to meet day light requirements of the Middle East is one of the innovative products of our company that are in line with the sustainable Energy initiative in the region.The solar lights are effective to enhance natural illumination in Factories, warehouses and other Industrial & commercial Installation. The Solar Lights are Designed & manufactured by **M/s CHATRON, PORTUGAL** operating Since 1993.



This Eco friendly system is designed to capture natural light and directs it through tubes internally quoted with highly reflective material thereby minimizing the dispersion of the rays. This supply lights to considerable distance without Heat or cold transfer.

## ADVANTAGES

- ▶ 0% Power consumption
- ▶ Complete natural light
- ▶ No Thermal Transfer (Heat or cold)
- ▶ Maintenance free & Highly durable
- ▶ Resistance to UV radiation
- ▶ Easy installation and Eco friendly
- ▶ Compatible to all Roofs



The prismatic dome with diamond shaped top to increase the light gathering is made of polycarbonate so as to filter or prevent UV & IR filtering rays that lead to discoloration of objects and cause skin cancer and anti-static treatment. It is designed with light tracker Technology which allows capturing light beginning to end of the day. The interior of the solar tube is composed of aluminium sheet coated with a reflective film finish superior to 99% of reflectance, thus preventing the loss of brightness and transporting the same to the interior areas to be illuminated even at considerable distance.

The solar light can be installed on all types of Roof on the custom made base which will suit existing roof profile and slope. This will ensure leak proof as well as Rust proof.

### SIZE CHART

Model R	Diameter (mm) Ø	Standard* Tube Length (mm)	Range of Light (m2)
TS 250	250	625	10
TS 350	350	625	26
TS 530	530	625	50
TS 750	750	1250	65