

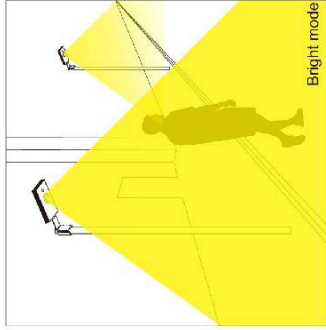
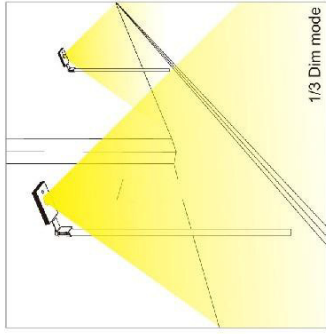
All in One Solar Street Light User's Manual

Introduction

Congratulations on being the proud owner of one of the best integrated Solar Street Light available in India. Systellar is the first brand manufacturing All in One solar street light in India. This light uses indigenous components including Solar Panel, LiFePO4 battery, LED Lamp & Microcontroller based solar charge controller with PIR motion sensor.

Features

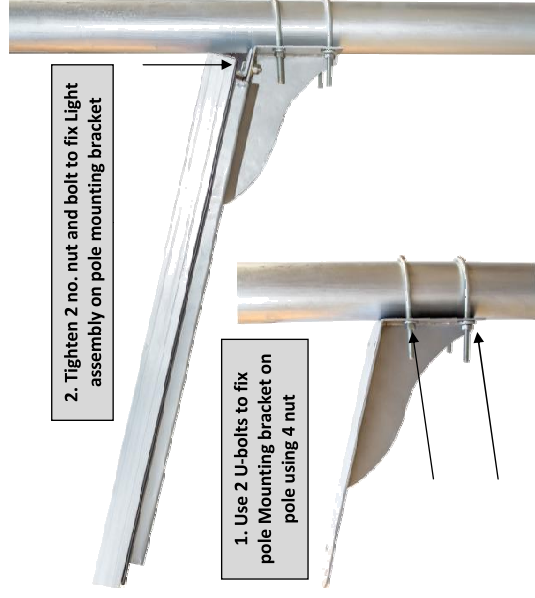
1. All in one solar street light comes with Built in passive infrared **PIR motion sensor** which automatically detects human/traffic presence and adjusts LED brightness accordingly. If motion sensor detects no motion for more than 1 minute, the controller reduces the brightness of LED Lamp by one third. On detecting any movement in the range of 12-15m, the light will automatically glow at full power. This provided required illumination only when needed and helps in increasing battery backup time.



Description of LED light assembly



Light Mounting Instructions



1. Use 2 U-bolts to fix pole Mounting bracket on pole using 4 nut

2. Tighten 2 no. nut and bolt to fix Light assembly on pole mounting bracket

3. Tighten 2 no. screws underside of light assembly

Installation

1. All in One Solar Street light comes in 2 parts.
 - The pole mounting bracket
 - The integrated light assembly with solar panel
2. Since proper functioning of all solar products depends on receiving unrestricted sunrays, so this light should be installed at a location free from shadows / obstruction to sunrays.
3. First, the pole mounting bracket needs to be fixed onto a pole using C-clamps. The rounded part of C-clamp should be on the outer side of the pole.
4. Now place the LED light assembly on the mounting bracket. Properly tighten the LED light assembly to the pole mounting bracket using 2 nos. nut-bolts (provided). Now tighten 2 screws (provided) from under side of the light.
5. The light should be mounted at 4m – 5m height. Kindly ensure that the pole on which light is mounted is sturdy and can support the weight of this light even in windy conditions.
6. Once the light is mounted, turn ON the Switch provided beside the light mounting clamp. As soon as the Switch is ON, the SSL will start working and its Red/Green LED indicator will start glowing / blinking depending upon daytime and battery condition.