**Thank you for choosing eLEDing!**

This product is designed to provide long lasting superior illumination by using environment-friendly Solar-Hybrid, Lithium-based energy technologies. US, European, China and international patents granted and pending worldwide. All rights reserved. Users must read this manual before installation, comply with local standard and regulations of construction & electrical/electronic projects, follow the safety guidelines to prevent any possible accidents, incident and/or injuries. Consult experienced contractor/installer and electrical technicians for assistance.
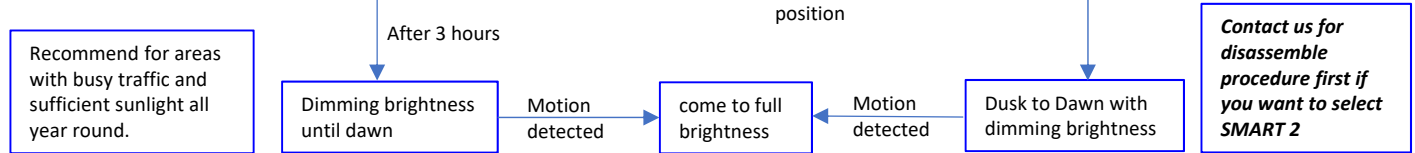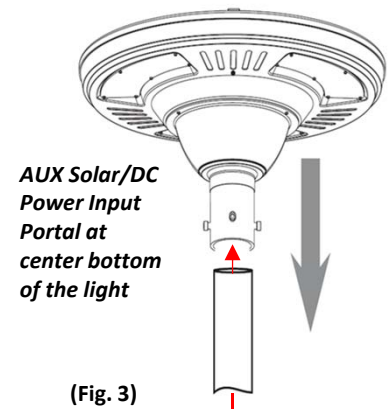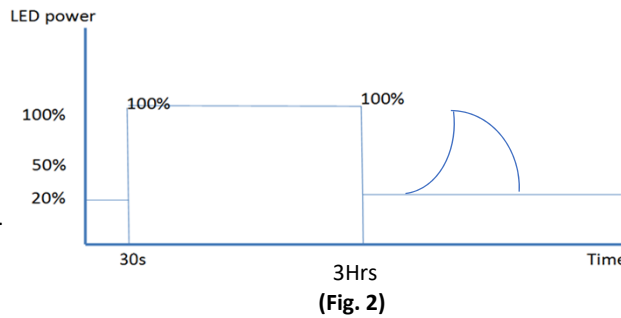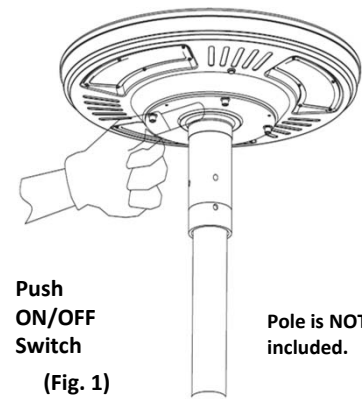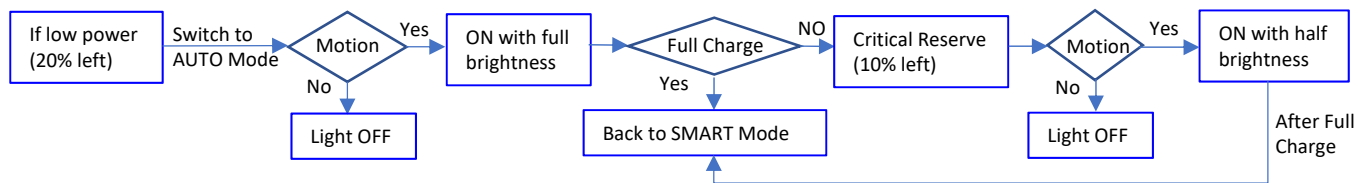
One Step Setup (Just 1 Click!)
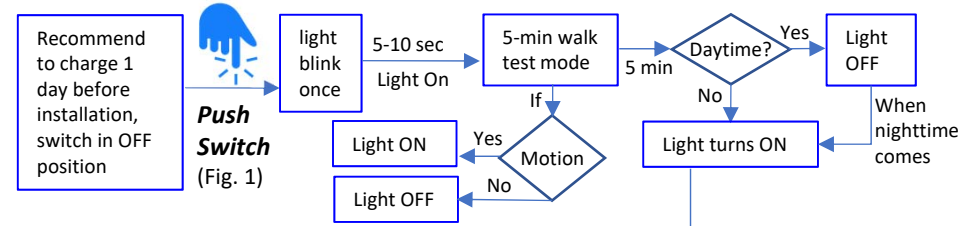
One Year Limited Warranty

EESGI guarantees this product to be free from defects in material & workmanship for (1) year.

This warranty does not apply to damage from misuse or incorrect installation/connection.

This warranty does not cover accessories, bulbs, batteries, high voltage accidents, alterations, unauthorized use or repair, neglect, misuse, abuse, damages or defects resulting from normal wear and tear (including chips, fading scratches, abrasions or discoloration due to usage or sun exposure), or failure to follow instructions for care and maintenance, fire, flood, and Acts of God.

This warranty does not include liability for incidental or consequential damages.

EESGI is not responsible for any damages in excess of the retail purchase price of the product under any circumstances. The consumer is responsible for the installation of, removal of, and reinstallation of the product.

SMART lighting profile (Fig.2)

Intelligence Power Management (IPM) system : monitor & adjust power consumption

Push ON/OFF Switch (Fig. 1)

Pole is NOT included.

(Fig. 2)

AUX Solar/DC Power Input Portal at center bottom of the light

(Fig. 3)

Installation Guidelines

1. **Securely mount the unit on the light pole and keep it level of parallel to the ground, and must be mounted in a non-obstructed position that allows at least 5-6 hours direct sunlight all year round, if unable to set, refer item 3 at below. The built on motion sensor facing to desired area. Must stay clear from shade of any object all the time. (Fig. 3)**

**2. Lighting Profile Setup & The battery replacement**

Battery replacement: Carefully open the light body top cover with right tools and DIY experience, then unlock the battery holder, unplug the old battery and replace it with the new battery. Noted that the battery plug only fit in one way (contact EESGI for further tech support if needed).

Lighting profile adjustment (suggest by factory defaulted setting, do not change it unless you have high DIY back ground): Carefully open the light body top cover with right tools. VR1: adjust fixed dimming brightness level. VR2: adjust sensor range (can be adjusted from 10 - 50 ft) **Notes: increasing dimming brightness & sensitivity to max level may reduce the length of illumination period, especially during winter time. (Fig. 2)**

3. Optional auxiliary solar panel (12-17Vmpp/8-20W) can be mounted different location with better Sun coverage or on the same pole for charging booster, pointed to east, west and south but **definitely not to north. Must stay clear from shade of any object.** For northern hemisphere installations, a south-facing position is best and visa-versa for southern hemisphere installation. For most of the North America projects, adjust the tilt of the solar panel at 25°- 45° degrees based on your actual location. If you are close to equator's location, a flat installation is parallel to the ground will be enough.

4. **Optional AUX DC power sources** (14V-20VDC/1-3A) can be used as back-up power source or fast charging enhancement device, to give the light a quick charge before installation or during low power due to critical weather or removed location (Fig. 3).

5. **Solar Panel Maintenance**: Use soft, wet cloth to clean the solar panel periodically (at least once a one year) to avoid energy output reduction resulted from accumulated dust. Clean accumulated snow ASAP during snowing season.

EE Systems Group Inc.

(Patented Technology)   Rev: 06012018

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Specifications	EE820W-RH15P	EE825W-RH18P(RGB-RC)
LED Number	24pc (CREE)	144pc
LED illuminator output (Max on peak)	15W	18W
Illumination brightness (Lumen on peak)	1500	1800
LED illumination color	6000K	6000K+ RGB-7 colors
Included Energy Storage Packs: Li-Poly battery pack	163WH	228WH
RF-Remote control	No	Yes
Intelligent power management (IPM)	Yes	Yes
Mono-crystalline Solar Panel	20W	25W
Package Weight (lbs)	20	
Package Size (L x W x H)	21"x 21"x 9"	
Aux Solar Panel/DC Adapter Available	Yes	
ePIR Motion Sensor	300°, must facing to target area	
Charging Time	6+hrs	
Installation Height (recommended, w/o pole)	7ft-15ft	
Operation Temperature	(- 4°F to +125°F)	
Outdoor Application Ratings	IP65	
Compliance & Certificate	FCC Part 15 Class B and ICES-003:2004	
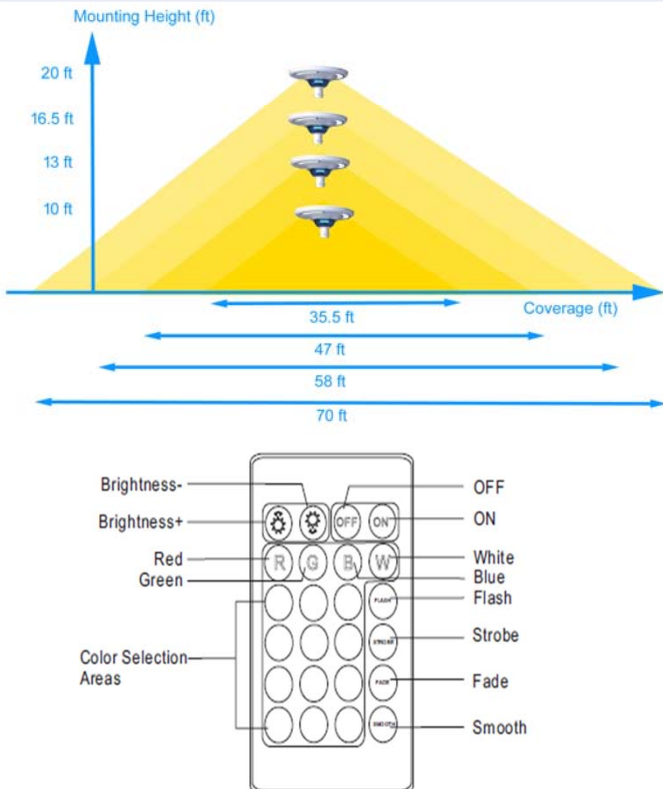
RC for EE825W-RH18 Only, Settable with Multi-Functions