



IMPORTANT-PLEASE READ BEFORE FIRST USE!

Read the enclosed instructions completely. In addition, please follow these helpful tips to always get the maximum performance from your new light:

- 1) For best results, before first use, charge the unit while in the “OFF” position.** The solar board should be fully charged in direct sunlight for two days.
- 2) When setting up your light during initial setup, switch to “AUTO” position. For best results, setup should be performed near dusk. Turn the Ambient Level knob towards the right (“-” symbol) until the light illuminates.** This will maximize performance during dusk-to-down hours, and also prevent unnecessary battery consumption during daylight hours.
- 3) Periodically clean or remove any dirt, debris or snow from the solar board.** This will ensure maximum sun exposure and proper charging.

PLEASE DO NOT RETURN THIS ITEM TO THE STORE.

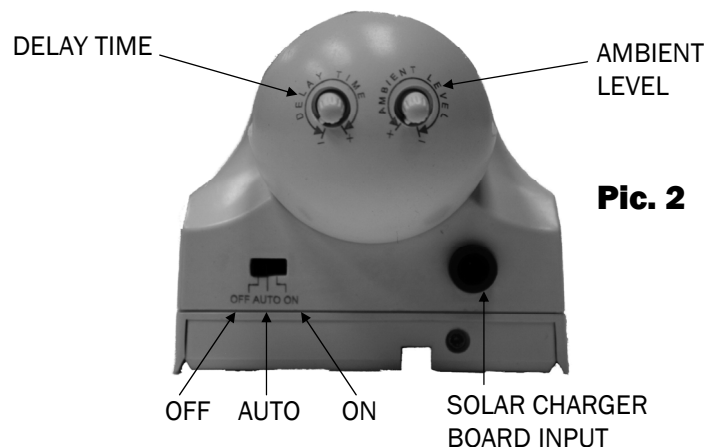
If you experience any problems with your light, please call our customer service department at (877)579-3889.

What's Inside the Package

- eLEDing matrix light (EE845ESL) x 1; includes Li-Poly battery (EE845ESL-LPB) x 1
- Solar charger board (EE845ES-SCB) x 1
- Plastic base stand (EE845ESL-PBS) x 1 (optional, see Pic. 1 below)



EE845ESL-PBS



Pic. 2



eLEDing™ Matrix Light

EE845ESL User Manual



Green Product

www.eleding.com

Important Safety Information

- Do not dispose of battery in fire. This may result in an explosion.
- Do not expose the light to fire or intense heat as the battery may explode.
- Do not immerse in water.
- Never look directly into the light or shine it into another person's eyes.
- Follow proper safety tips to prevent from falling off a ladder.
- Consult your local construction safety guide if needed for installing the light fixture on a building.

One Year Limited Warranty

- **EESGI** Technologies 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, 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.

Introduction

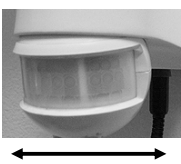
Thank you for purchasing the EE845ESL eLEDing matrix light. With its effortless setup and lightweight design, the EE845ESL eLEDing matrix light conforms to all your lighting needs. It was made to provide many years of service using environmentally friendly solar power.

Specifications

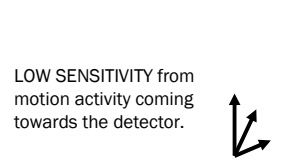
- Coverage: 180° sensing angle
- Detecting Range: up to 30 ft. x 30 ft
- Matrix Light: 45 super bright LEDs
- Battery: 7.4V 3AH lithium-polymer battery
- Solar Charger Board: 10VDC/2.5W Monocrystalline (with 15' cable)
- Continuous Illumination Time: Up to 5+ hours
- Weight: 1.8LBs
- Operation Temp.: -25F to +125F
- Complies with FCC Part 15 Class B and ICES-003:2004.

Installation Guide

- The EE845ESL light fixture should be installed on a flat and stable surface.
- Avoid placing objects in front of the motion detector that may affect detecting performance.
- Avoid installing the light near an air conditioner, a central heater, or high voltage system.
- Avoid placing the motion detector head toward street traffic or other movements. This will result in a false trigger that will prompt the light to illuminate excessively and drain the battery life.
- Motion detection is most sensitive to movement across the device and less sensitive to motion moving towards or away from it (see pictures below).
- **The solar charger board should be set in a sunny area where maximum sunlight can be collected. Typically, the solar board should face a direction (south) where sunlight can charge the board for at least 3 hours per day (5 hours per day if behind glass).**
- Use a soft wet cloth to periodically (at least once a year) clean the charger board to avoid the reduction of power output due to accumulated dust.



HIGH SENSITIVITY from motion activity coming across the detector.



LOW SENSITIVITY from motion activity coming towards the detector.

Functions & Adjustments

Refer to the 3-position switch and 2 adjustable knobs on the bottom of the light (see Pic. 2 on the opposite side):

- **OFF** position: No illumination, also known as the charging mode.
- **AUTO** position: Light illuminates based on adjustments for **DELAY TIME & AMBIENT LEVEL** (recommended position for motion detection).
- **ON** position: Light illuminates continuously.
- To illuminate in darkness: Turn the **AMBIENT** knob towards the right /- (typically set position).
- It is recommended to adjust the **AMBIENT** knob between + and - under various ambient conditions.
- To vary **DELAY TIME**: Turn the **DELAY** knob to desired time (between 5/- to 60/+ seconds). The light will illuminate after motion is detected. *(If movement is continuous, the delay will be extended until movement stops).*
- The solar charger board can be adjusted 360° horizontally & 90° backwards. The LED matrix light can be adjusted horizontally 180° forward & 120° backwards.
- To perform a walk test: Turn the **AMBIENT** knob towards the left /+ (daytime only).
- The red low battery indicator light in the center area flickers when voltage is below normal operating capabilities.
- The light can be placed on the base stand (EE845ESL-PBS) as a table light during travel, recreation, etc or an emergency light during AC power outage.

Quick Setup Procedure

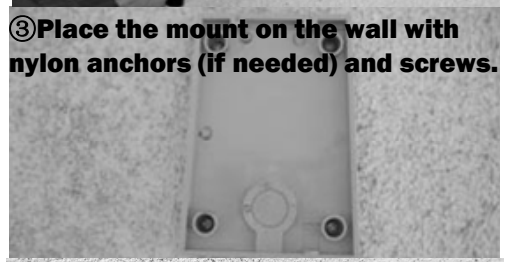
① Mark the wall where you wish to mount the light.



② Drill all four holes.



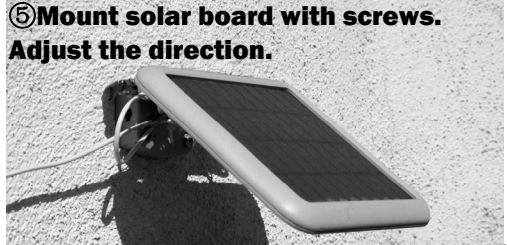
③ Place the mount on the wall with nylon anchors (if needed) and screws.



④ Slide the light into the mount, then screw in the button bolt.



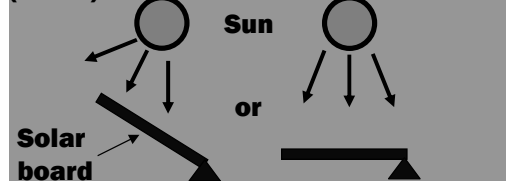
⑤ Mount solar board with screws. Adjust the direction.



⑥ Place solar board at a sunny location.



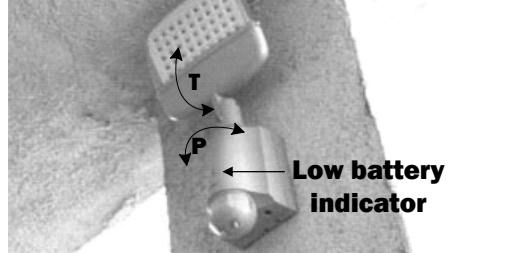
⑦ Tilt the solar board to face sunlight (south).



⑧ Adjust the motion detector direction.



⑨ Adjust the direction of light head.



⑩ Insert the wire plug from the solar board into the bottom of the light.

