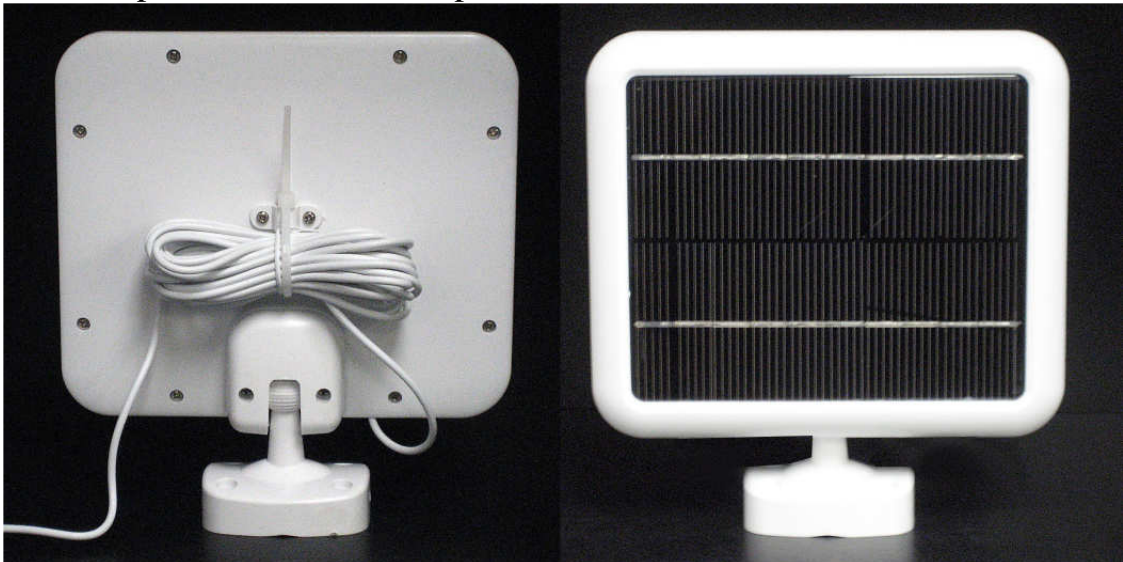


User Tips

1. Solar charger board

- The solar charge board should be set in a sunny area where maximum sunlight can be collected. Typically, the solar board should face a direction (south, up to 45°) where sunlight can charge the board for at least 3 hours per day (5 hours per day if behind glass).
- Remove protective film before use.
- Use a wet cloth to periodically (at least once a year) clean the charger board to avoid the reduction of power output due to accumulated dust.
- **Remove and clean up solar board if there is any snow cover on it during winter season. Please make sure it can be always remaining on sunlight charging condition/position during normal sunny day.**
- Extra power wire can use zip-tie tie and hide behind the solar board.



2. Motion sensor

- Avoid setting device near an air conditioner, a heater or high voltage system.
- Avoid placing the motion sensor head toward street traffic or other movements to avoid false trigger.
- The sensing angle is adjustable.

3. Battery replacement

- Average lifetime of the Li-poly is up to 5 years using under indoor normal temperature condition. The battery lifetime might reduce if using outdoor condition.
- The waiting period for activating a new Li-poly battery is around 30 seconds.
- Set the switch to “OFF” position.
- Disconnect the solar board.
- Remove the top and bottom screws from the rear cover of the unit.
- Open the rear cover. Slide the battery out of the case and disconnect the wire leads.
- Insert the wire connector from the main unit into the wire connector of the new battery.
- Place battery assembly back in the unit.
- Replace battery cover and screws.
- Re-connect the solar board.
- Set switch to “AUTO” or “ON” position and wait for the unit ready.

4. 3-position switch & dial position selections

- Only in Auto position, the illumination will depend on adjustments of delay time and ambient level.
- In the covered area with few activities after dark, suggest to set the delay time at “+/right”.
- In the covered area with a lot activities after dark, suggest to set the delay time at “-/left”.

5. LED illumination matrix light

- The life time of a LED is 20+ years assuming the LED is on continuously for 8 hours per day.
- The continuous illumination time under auto mode is defined by the delay time.
- The red indicator LED light starts to blink when the battery voltage is lower than normal operation level. After around 5-10 minutes, the light will turn off.

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Product Review for the Xepa Solar Powered Matrix Light

December 23, 2008 by [Chad Fowler](#)
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Offered at Costco

I recently bought the solar powered LED matrix light by Xepa Technologies and it is a great product. I have been looking for a solar powered light for almost a year now and all I could find have been very over priced lights that

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look really hard to install and make work. The reason I need a solar powered light is because my house is set up where my front door is far away from the driveway and the porch light just doesn't put out enough light to make it safe for people coming up the stairs to the front door. The area above my garage is a real difficult place to wire a new light and I have had estimates for an electrician to come out and put one in and it was outrageous. I got quotes from \$300 all the way to \$700.

I found this light at Costco and saw that it was only \$50 so I jumped on it because it seemed to be exactly what I needed. When I got it home and out of the box there were a few more pieces than I thought there would be so I was

a bit skeptical. I soon found out that the pieces were just the base and light itself wrapped separately and the reason there is a base and light separate from each other is for the ease of installation. The directions were easy to understand and in a few simple steps I was ready to put it up.

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I was putting it up and realized that I might not have enough cord that goes from the light to the solar panel because I was putting the solar pane pretty far away. As I unwrapped the cord I found there to be more than

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enough cord to get the panel where I needed it. Putting this light up was a breeze and I literally had it up (the light and the solar panel) in about 15 minutes. Like I said it comes with a base along with the light, this makes putting it up very easy. All I had to do was mount the solar pane on the side of my house (it's adjustable) and then I went to the light base. It comes with all the [hardware](#) needed for instillation. I simply screwed in the base and the solar panel right into the house. After the base was up all you have to do is snap the light into the base and you're done. The connection is very easy, you simply put the cord in the outlet that is connected to the solar panel and it is ready to go. The directions said to let it charge for 8 hours before using which I did and when it became dark I walked outside

in the motion sensors range and the light came on.

The light itself is simple to use, it has two knobs; one to adjust the amount of time the light stays on once the motion detector has been tripped and one to adjust how dark it has to be before the light will come on. It also has a switch which lets you choose between off, on and motion sensor. Off obviously keeps the light off no matter what, on means the light will stay on constantly after it gets to a certain amount of darkness, and motion allows the motion sensor to work, whenever the sensor is tripped the light comes on. Depending on what level of time you have it set for it will stay on between 5 and 60 seconds after the last movement is detected. I have not had a single problem with this light as far as the sensor or battery is involved. The battery that the solar panel charges gets plenty of juice and the light still comes on the morning more than 10 hours later.

I have only seen one thing that could be better about the light and that is the motion sensor. It's not that it doesn't work right; I would say that it is too sensitive, it goes off whenever it senses any thing, and I have seen it come on from movement as far as 50 feet away and at a 90 degree angle from the light. It is pretty sensitive and I would change that if I could but it is really not a big deal at all. You might think that a solar powered light might not put out enough light but this little guy puts out just as much light any electrically powered light I have ever seen. If you are looking for an outdoor solar powered light the Xepa solar powered LED light is the one you should try. It is affordable and extremely easy to set up and use.

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