



ADD YOUR LIGHT  
PRODUCTS INC.

## FACT SHEET ON ADD YOUR LIGHT LED/SOLAR SYSTEMS

1. It took us 7 years to design and field test our systems. We installed, collected data, visited houses over and over again, discovered our mistakes, and kept solving problems until we had a system that did not fail in the field.
2. Quality counts. It counts when you have one chance to install the systems and do it right. It counts when you have people depending on you and trusting you. It counts when you are spending a lot of money just to get to the country and site to do the project.
3. The more volume we can sell, the more we can drop the price. As organizations working in development, together we can start ordering thousands of lamps and make it less expensive for everybody.
4. Our products are made to be flexible. If you want to use just one lamp, you can. If you want to use our lamps in a larger house or a business, and hook them up to a larger battery, you can. If you want to run 10' of wire to one lamp and 20' to another lamp, you can. If you want to use one switch instead of 3 switches, you can.

## WHY USE OUR LAMPS WHEN THERE ARE CHEAPER ONES AVAILABLE?

1. All components are selected for quality. We use Japanese-made Nichia diodes, not Chinese diodes, due to a very bad experience with Chinese diodes.
2. The lamps are assembled in a factory in Calgary that follows strict protocols for soldering, anti-static handling, inspection and testing.
3. All components are intentionally rated to 30 volts or higher. Therefore, directly connecting a lamp to a solar panel that is producing 22 to 24 volts will not harm it. Off-the-shelf lamps often cannot make this claim.

4. Each lamp draws only 60 mA of current at 12 volts. Therefore, each lamp uses only 0.72 watts per hour.
5. The lamps can be run off a 12 volt or 24 volt battery.
6. The circuitry clamps the current through the LEDs, so that a consistent amount of light is emitted from each diode.
7. The plastic housing is made in Canada and is durable and virtually unbreakable. Although it is not waterproof, the only vulnerable point is where the wires come through at the back. This area is carefully siliconed to resist water entry.
8. The plastic housing is shaped so that light from the top or the sides of the LEDs is not blocked in any way. We obtain excellent general area lighting, and if the lamp is installed 8' to 12' from the floor, it is easy to read under this light. That is the feedback that we get from the children.