PIR CONTROLLED SOLAR FLOOD LIGHT
OPERATION INSTRUCTIONS

PARTS CONTAINED

As shown in Fig.1
1. solar panel
2. light fixture
3. wall mounting bracket
4. ground stake

INSTALLATION

1. Mount the light fixture in your desired location (mounting hardware not included) using the U-shaped metal bracket with holes in it as the support bracket. This bracket can be fixed through the holes on wall or deck. Be sure it is installed under eaves as it is not weather proof or it is covered by some thing to prevent from spraying.
2. Adjust tilt of the flood light you like and tighten screw bolts on the fixture where the bracket meets it.(Fig.3).
3. Find suitable area to place solar panel in full sunlight without shadows crossing the panel within the wire length from the panel to the fixture by using mounting bracket ③ and screws(not included). It is recommended to place the panel at a 45 degree angle towards the south for maximum exposure. Ground stake ④ can be used to fix the solar panel if necessary. Note: Be sure to not drill through the glass that recedes into the framing of the panel.
4. Plug in the male adapter piece on the wire from the light fixture to the corresponding female adapter located at the solar panel.
5. Push switch ON (located at the back of solar panel, Fig.2). Cover the solar panel using a dark cloth/paper. Then the light can work automatically. Wave your hand before the PIR head the light can turn on for a short period of time.
6. Adjust lighting time by rotating adjusting knob (Fig. 3). Mark "+" means longer lighting time.
7. Adjust ambient luminance when it can be activated (Fig. 3). Mark " * " means it is brighter when light activated.
8. Adjust angle of PIR head you wanted (Fig. 3).

9. After installation finished the light will operate automatically. Charge for at least 8 hrs in full sun exposure (the fixtures switch MUST be in the ON position in order for the battery to charge).

At night it can be activated by motion and turn off at dawn (light will only come on at night).

**BATTERY CHANGING**

The Ni-MH battery included with this product is rechargeable. Like all rechargeable batteries, however, they will eventually need to be replaced. If the light should begin to illuminate dimly or work improperly, you should replace the rechargeable batteries in the following way

1. Take a screw driver and unscrew the six screws at the back of solar panel and take off the back cover gently and softly to avoid damaging the wires.
2. Pull out the wire connector connected to circuit board.
3. Take off the old battery pack.
4. Replace new battery pack of same kind and capacity.

**IMPORTANT!** When storing any solar product for an extended period of time, be sure to remove the batteries. Storing any solar product without regular recharge or removal could cause permanent damage to the rechargeable batteries.

**DO NOT DISPOSE OF OLD BATTERIES – THEY SHOULD BE RECYCLED.**