

# Owner's Manual & Safety Instructions

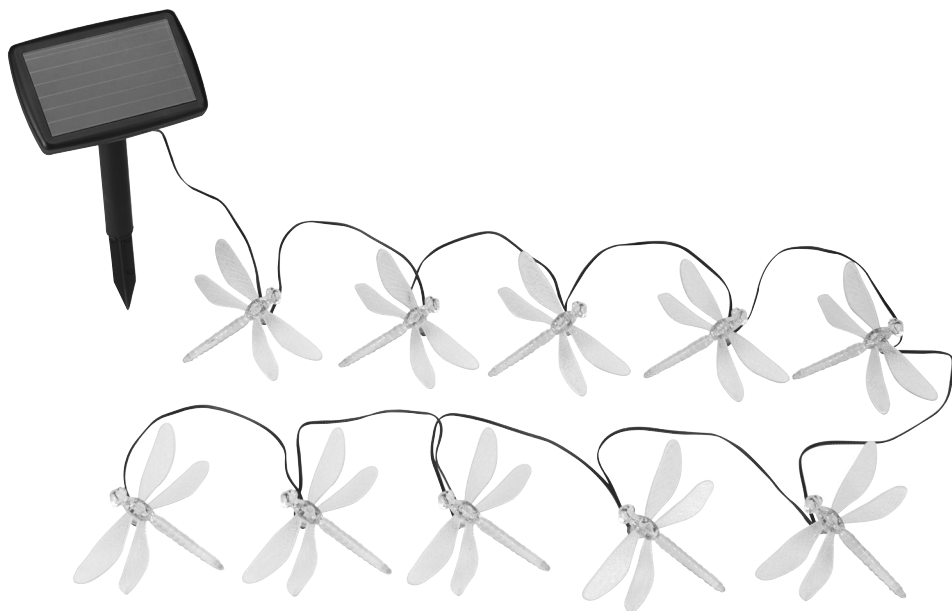
**Save This Manual** Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

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**luminar** **OUTDOOR™**

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## SOLAR DRAGONFLY STRING LIGHT



Visit our website at: <http://www.harborfreight.com>  
Email our technical support at: [productsupport@harborfreight.com](mailto:productsupport@harborfreight.com)

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

### **⚠WARNING**

**Read this material before using this product.  
Failure to do so can result in serious injury.  
SAVE THIS MANUAL.**

## SPECIFICATIONS

Battery Type	AA NiCd 1.2V 400mAh
Charge Time	6 - 8 hr.
Run Time	8 hr.
Solar Cells	Amorphous Silicon

## IMPORTANT SAFETY INFORMATION

1. Assemble only according to these instructions. Improper assembly can create hazards.
2. Wear ANSI-approved safety goggles during setup.
3. Keep assembly area clean and well lit.
4. Keep bystanders out of the area during assembly.
5. Do not assemble when tired or when under the influence of drugs or medication.
6. Position battery in proper polarity and do not install batteries of different types, charge levels, or capacities together.
7. This product is not a toy. Do not allow children to play with or near this item.
8. Use as intended only.
9. Inspect before every use; do not use if parts are loose or damaged.

10. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

## SETUP INSTRUCTIONS

11. Push the Switch on the back of the Housing towards ON.
12. Decide where you want to place the Solar Light. Choose a location that receives full, direct sunlight a minimum of eight hours a day. The location should not be near nighttime light sources such as porch lights or streetlights as this will cause the Solar Light to remain off.
13. Make certain that the path of the Stake is clear of lines, cables and conduits.
14. With a rubber mallet, gently tap the Stake into the ground.
15. Once the Stake is securely in the ground, slip the Solar Light Pole onto the top of the Stake.
16. Slide the flat part of the Connector into the bracket on the back of the Housing.
17. Place the round part of the Connector onto the top of the Pole.
18. Place the Lights nearby as desired.

**CAUTION! Do not place the Lights where they will create a tripping hazard.**

# OPERATING INSTRUCTIONS

**Note:** During the day, the Solar Panel converts sunlight into electricity, recharging the battery. The amount of light the Solar Panel receives depends on placement of the Solar Light, geographic location and weather. If the weather is cloudy and the panels do not receive a full charge, the Solar Lights may not achieve the full run time. They will catch up after two to three days of full sun.

1. After a full 6-8 hours of sunlight charging, the Lights will automatically turn ON during the night.
2. After the initial charge is set, check to see that the Lights are on by viewing them at night or in a dark location. If they are not lit, check that the Switch is ON and the Solar Panel has had full sunlight for 8 hours.

## MAINTENANCE

3. Clean regularly with a damp towel. Do not clean with solvent. Do not put too much pressure on the Solar Panel or accessories while cleaning. Dry thoroughly.

4. **BEFORE EACH USE**, inspect the general condition of the tool. Check for:
  - leaking, swollen, or cracked battery,
  - loose hardware,
  - misalignment or binding of parts,
  - cracked or broken parts, and
  - any other condition that may affect its safe operation.
5. **AFTER USE**, wipe external surfaces of the tool with clean cloth.
6. **NiCd BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY. Do not short, incinerate or open battery. To remove battery:** Remove the four screws holding the housing together. Using a small flat head screwdriver, carefully pry the housing apart around its perimeter to break the seal. Remove the battery.

**Note:** Opening the housing will reduce the water resistance of this product.

## Troubleshooting

Problem	Possible Causes	Probable Solutions
Light will not turn on	<ol style="list-style-type: none"><li>1. Switch is set to OFF.</li><li>2. Battery not allowed time for recharging via Solar Panel.</li><li>3. Solar Light is set near nighttime light sources such as porch lights or street lights.</li><li>4. Solar Panel is dirty and covered with dirt or dust.</li></ol>	<ol style="list-style-type: none"><li>1. Turn Switch on.</li><li>2. Check that Solar Panel has direct access to sunlight. Allow one to two days for a full charge.</li><li>3. Move Solar Light or change Solar Panel position.</li><li>4. Clean Solar Panel with a soft cloth.</li></ol>

**Record Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** Replacement parts are not available for this item. Reference UPC 193175464170.

## Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.