

# 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.

19f



## LED-SOLAR Wall Mount Security Light



56330



56252

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.**

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### WARNING SYMBOLS AND DEFINITIONS

|  |  |
|--|--|
|  | This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death. |
|  | Indicates a hazardous situation which, if not avoided, will result in death or serious injury.   |
|  | Indicates a hazardous situation which, if not avoided, could result in death or serious injury.  |
|  | Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.   |
|  | Addresses practices not related to personal injury.  |

## IMPORTANT SAFETY INFORMATION

### WARNING

Read all safety warnings and instructions.

*Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference.

- 1. Keep installation area clean.**  
*Cluttered areas invite accidents.*
- 2. Observe installation area conditions.**  
Keep work area well lit during installation.
- 3. Check for damaged parts.**  
Before using any product, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for any broken or damaged parts and any other conditions that may affect its operation. Replace or repair damaged or worn parts immediately. Do not use the Security Light if any switch does not turn on and off properly.
- 4. Replacement parts and accessories.**  
When servicing, use only identical replacement parts.  
Use of any other parts will void the warranty.
- 5. Check hardware and assembled parts after assembling.** All connections should be tight and hardware tightened.
- 6. Keep children away.** Mount the Light out of children's reach.

7. **Dress properly.** Protective, electrically non-conductive clothes and nonskid footwear are recommended when working with the Solar Powered Security Light. Wear restrictive hair covering to contain long hair.
8. **Use eye protection.** Wear ANSI-approved impact safety goggles when setting up this product.
9. **Maintain products with care.** Keep the Solar Powered Security Light clean for better and safer performance. Inspect the Light periodically. If damaged, have it repaired by a qualified technician.
10. **Do not overreach.** Keep proper footing and balance at all times. If a ladder is to be used during installation, it should be supported by an assistant.
11. **Do not set up the Solar Powered Security Light if under the influence of alcohol or drugs.** Read warning labels on prescriptions to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not set up the Light.
12. **Have your product serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the product is maintained.*
13. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
14. Contains Li-Ion battery. Battery must be recycled or disposed of properly. Do not open, crush, heat above 140°F or incinerate.



**SAVE THESE INSTRUCTIONS.**



## Specifications

|                |                |
|----------------|----------------|
| Battery Rating | 3.7V / 1200mAh |
| Battery Type   | Li-ion         |
| Delay Time     | 30 Seconds     |

## Setup - Before Use:



Read the **ENTIRE** IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

**Note:** For additional information regarding the parts listed in the following pages, refer to *Parts List and Diagram* on page 4.

## Installation

1. Decide where you want to mount the Light.  
**Set the Light in a location that receives full, direct sunlight, a minimum of eight hours a day.**
2. Peel sticker off the back of the Light and place on a solid surface capable of supporting the unit and secure enough so that it will not move when exposed to vibrations or wind.

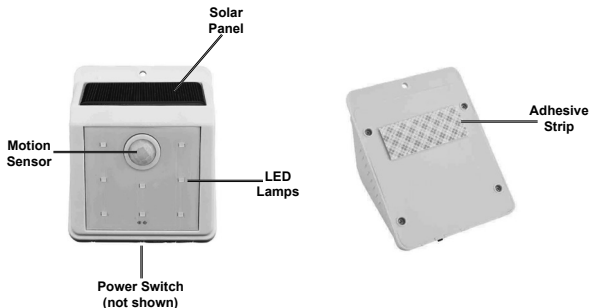
**Note:** The Light must be high enough to allow for motion detection and light distribution.

## Initial Battery Charging

Before the Security Light can operate properly, the battery needs to be fully charged. To charge the battery:

1. Turn OFF the Power Switch.  
The battery will recharge without turning on the light while the Power Switch is off.
2. Allow the battery to charge for 3 days of full sunlight.

## Functions



## Operation



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

1. Turn ON the Power Switch to activate the Solar Security Light.
2. Test the Light by walking or driving into the protected area.
3. The Light should brighten at full power for 30 seconds when motion is detected and then stay lit at low power after 30 seconds.
4. If the Light does not brighten, relocation, aiming adjustment, or more charging time will be required.

## Maintenance and Servicing



Procedures not specifically explained in this manual must be performed only by a qualified technician.

### **WARNING**

**TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:**

Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

## Cleaning, Maintenance, and Lubrication


- BEFORE EACH USE**, inspect the general condition of the tool. Check for:
  - loose hardware,
  - misalignment or binding of parts,
  - cracked or broken parts, and
  - any other condition that may affect its safe operation.
- AFTER USE**, wipe external surfaces of the tool with clean cloth.

## Battery Removal and Disposal

- The battery is located inside the Light assembly.
- Turn the Light off and remove the four screws on the back.
- Disconnect the battery and remove it from the Light.
- Contains Li-Ion battery. Battery must be recycled or disposed of properly. Do not open, crush, heat above 140°F or incinerate.



## Troubleshooting

| Problem  | Possible Causes   | Likely Solutions   |
|--|---|--|
| Light won't turn on.   | 1. Power is not on.<br>2. Battery not fully charged.  | 1. Check that Power Switch is set to ON.<br>2. Keep solar panel clean. Allow to charge in full sunlight for 3 days with the Power Switch OFF.  |
| Light turns on during day.   | Light is positioned in a dark location.   | Move light to a location that is lit during the day.   |
| Light flashes on and off with clicking sounds.   | Low battery.  | With Switch set to "OFF", allow to charge in full sunlight for 3 days before further use.  |
| Light stays bright.  | Frequent changes in heat being detected.  | Check sensing area for possible heat sources such as air vents, vehicles or objects in wind. Reposition the Motion Detector Light if needed.   |
| Light brightens and darkens continuously.  | 1. Changes in heat are being detected from a fixed heat source or moving object.<br>2. Sudden temperature change due to storms or high winds. | 1. Check sensing area for possible heat sources such as air vents, vehicles or objects in wind. Reposition the Motion Detector Light.<br>2. Turn Power Switch "OFF" until storm passes. Mount in a sheltered location. |
|  <b>Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.</b> |   |  |

Record Product's Serial Number Here: \_\_\_\_\_

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

**Note:** Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Parts may not be interchangeable. Specify item number when ordering.

## 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.

