

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.

23a

luminar **OUTDOOR™**

59810

200 LED 72FT SOLAR ROPE LIGHT



Visit our website at: <http://www.harborfreight.com>
Email our technical support at: 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.

Copyright© 2022 by Harbor Freight Tools®. All rights reserved.

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

Run Time	Up to 24 hours (Fully Charged)
Length	72ft (66ft Rope Light with 6ft Wire lead)
Battery	3.7V 2000mAh 18650 Li-Ion

IMPORTANT SAFETY INFORMATION

1. **Verify that installation surface has no hidden utility lines before drilling, driving screws, or to insert stake.**
2. Place/mount the LED Rope to prevent tripping or choking. **Keep out of reach of young children and babies.**
3. Install only according to these instructions. Improper installation can create hazards.
4. Wear ANSI-approved safety goggles and heavy-duty work gloves during installation.
5. Keep installation area clean and well lit.
6. Keep bystanders out of the area during installation.
7. Do not install when tired or when under the influence of drugs or medication.
8. This product is not a toy. Do not allow children to play with or near this item.
9. Use as intended only.
10. Contains Li-Ion battery. Battery must be recycled or disposed of properly. Do not open, crush, heat above 140° F or incinerate.
11. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

Installation Instructions



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

Selecting a Location

Choose a location for the Rope Light where the Solar Panel can receive full, direct sunlight a minimum of 8 hours a day; even partial shade will greatly hinder charging and therefore limit operation time. 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. The Solar Panel is provided with a 6ft wire lead to aid in positioning the Solar Panel in its optimum orientation.

Solar Panel Mounting

Stake Mounting

1. Select a ground location to insert the Stake.
2. With a rubber mallet (not included), gently tap the Stake into the ground.
3. Attach the Hinge Mount on the back of the Solar Panel onto the top of the Stake.
4. Orientate the Solar Panel for optimum sunlight exposure.

Wall Mounting

1. Remove the Screw and Nut securing the Hinge Mount to the back of the Solar Panel.
2. Place the Hinge Mount in the desired location on the wall and mark the mounting hole locations onto the wall.
3. Screw the Hinge Mount to the wall with the Wall Screws; if mounting to sheetrock, drill holes in the marked locations appropriate for the Wall Anchors.
4. Insert the Wall Anchors into the holes, align the holes in the Hinge Mount base with the Anchors, and secure it in place with the Wall Screws.
5. Reattach the Solar Panel to the Hinge Mount with the Screw and Nut.

Rope Light Mounting

Ground Mounting

1.

The LED Rope can be left loose or secured to the ground.
2.

Route the LED Rope in the desired location; if desired, secure the LED Rope to the ground using appropriate hardware (not included).

Alternative Mounting

1.

The LED Rope can be secured to a wall or object.
2.

Wall Mounting: Mount the LED Rope to a wall using appropriate hardware (not included). Use Caution when mounting as walls often have hidden wiring and plumbing.
3.

Object Mounting: Mount the LED Rope to an object by wrapping the LED Rope around the object or using appropriate hardware (not included). Use Caution when mounting with hardware as the object may have wiring, plumbing, or other hidden hazards.

Operation Instructions

1.

For best results, allow sunlight to charge the Solar Panel while it is turned OFF for at least 8 hours before powering on.
2.

Press the Power Button to turn the unit ON.
Note: The Solar Panel is equipped with a light sensor, so it will need to be covered or dark for the LED lights to turn on.
3.

Press the Mode Button to select operation mode. Mode sequences display approximately ten seconds.
Note: The operation mode will need to be selected again if the unit is powered down.

a.

Steady On.

b.

Slow Glow.

c.

Fast Twinkling.

d.

Slow Twinkling.

e.

Flashing in Series.

f.

Flashing in Reverse Series.

g.

Fast Flashing in Series

h.

Slow Flashing in Series followed by Reverse Series and All Off.

Battery Disposal

1.

Press the Power Button to turn the Solar Panel OFF.
2.

Remove the eight Screws from the back of the Solar Panel and open the Solar Panel.
3.

Remove old Battery.
4.

Contains Li-Ion battery. Battery must be recycled or disposed of properly. Do not open, crush, heat above 140° F or incinerate.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS DOCUMENT AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

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.

Visit harborfreight.com/parts for a list of in stock parts. Reference UPC 193175486622.



Parts List and Diagram

Part	Description	Qty
1	Solar Panel / Hinge Mount / LED Rope	1
2	Stake	1

Part	Description	Qty
3	Screw (Not Shown)	2
4	Wall Anchors (Not Shown)	2



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.

lumina **OUTDOOR™**

26677 Agoura Road • Calabasas, CA 91302 • 1-888-866-5797