

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 (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.

23k

BRAUN™

LINKABLE DIAMOND PLATED LED SHOP LIGHT



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

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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.**

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

To reduce the risk of **FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS:**

1. Install only according to these instructions. Improper installation can create hazards.
2. Avoid electric shock. Keep plugs and receptacles dry. Use only on GFCI-protected circuits.
3. The Light is not waterproof. Use extreme caution in any wet location.
4. This product is not suitable for recessed installation in ceilings or on buildings. Do not install on radiant heat ceilings.
5. Wear ANSI-approved goggles and heavy-duty work gloves during installation.
6. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
7. Do not operate the Light in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. The Light generates sparks which may ignite the dust or fumes.
8. The Light's plug must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with the Light. Unmodified plugs and matching outlets will reduce risk of electric shock.
9. Do not abuse the Power Cord. Never use the Cord for unplugging the Light. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
10. Maintain the Light. Check for breakage of parts and any other condition that may affect the Light's operation. If damaged, have it repaired before use. Many accidents are caused by poorly maintained items.
11. Do not pull on the On/Off Pull Chain too hard or at an angle to prevent the Light from falling.
12. Maintain labels and nameplates on the Light. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
13. This product is not a toy. Keep it out of reach of children.
14. Do not install directly over a heat source (stove, etc.).
15. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
16. 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.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION! This portable luminaire has a polarized plug (one blade is wider than the other) as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless plug can be fully inserted. Do not alter the plug. TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT.



SAVE THESE INSTRUCTIONS.

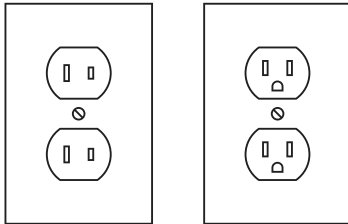
Grounding



TO PREVENT ELECTRIC SHOCK AND DEATH FROM INCORRECT GROUNDING WIRE CONNECTION:

Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the power cord plug provided with the Light. Never remove the grounding prong from the plug. Do not use the Light if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

Double Insulated Lights: Lights with Two-Prong Plugs



Outlets for 2-Prong Plug

1. Lights marked "Double Insulated" do not require grounding. They have a special double insulation system which satisfies OSHA requirements and complies with the applicable standards of Underwriters Laboratories, Inc., the Canadian Standard Association, and the National Electrical Code.
2. Double insulated Lights may be used in either of the 120 volt outlets shown in the preceding illustration. **(See Outlets for 2-Prong Plug.)**






Extension Cords

1. **Grounded** Lights require a three-wire extension cord. **Double Insulated** Lights can use either a two or three wire extension cord.
2. As the distance from the supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage. **(See Table A.)**
3. The smaller the gauge number of the wire, the greater the capacity of the cord. For example, a 14 gauge cord can carry a higher current than a 16 gauge cord.
4. When using more than one extension cord to make up the total length, make sure each cord contains at least the minimum wire size required.
5. If you are using one extension cord for more than one tool, add the nameplate amperes and use the sum to determine the required minimum cord size.
6. If you are using an extension cord outdoors, make sure it is marked with the suffix "W-A" ("W" in Canada) to indicate it is acceptable for outdoor use.
7. Make sure the extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it.
8. Protect the extension cords from sharp objects, excessive heat, and damp or wet areas.

TABLE A: RECOMMENDED MINIMUM WIRE GAUGE FOR EXTENSION CORDS* (120 VOLT)					
NAMEPLATE AMPERES (at full load)	EXTENSION CORD LENGTH				
	25'	50'	75'	100'	150'
0 – 2.0	18	18	18	18	16
2.1 – 3.4	18	18	18	16	14
3.5 – 5.0	18	18	16	14	12
5.1 – 7.0	18	16	14	12	12
7.1 – 12.0	16	14	12	10	-
12.1 – 16.0	14	12	10	-	-
16.1 – 20.0	12	10	-	-	-

* Based on limiting the line voltage drop to five volts at 150% of the rated amperes.

Symbology

	Double Insulated		Read the manual before set-up and/or use.
VAC	Volts Alternating Current		WARNING marking concerning Risk of Fire. Do not cover ventilation ducts. Keep flammable objects away.
A	Amperes		WARNING marking concerning Risk of Electric Shock. Properly connect power cord to appropriate outlet.
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields.		

Specifications

Electrical Rating	120VAC / 60Hz / 0.85A / 100W
Outlet Rating	120VAC / 60Hz / Max. 6A
Power Cord Length	5 ft.

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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.

CAUTION! Install directly beneath a ceiling-mounted receptacle.

1. Select a suitable location for hanging the Shop Light. The Shop Light must be hung from a stud, joist or similar sturdy mounting location able to support the weight of the fixture.

WARNING! Do not install the Shop Light into drywall.

WARNING! Verify that installation surface has no hidden utility lines before drilling or driving screws.

2. Mark two spots 42 inches apart where mounting holes will be drilled in the installation surface.
3. Drill holes at marked locations. Install 1/4" diameter hardware at least 1" long (sold separately) to hang the Shop Light. Hardware must have a hook to attach the mounting chains.

4. Attach one end of each of the two mounting chains to the S-hooks on the light fixture.
5. Hang the fixture by attaching the free ends of the two mounting chains to the previously installed mounting hardware. Adjust length of chains until the fixture is level.

Note: The Shop Light must be hung at least three inches from the installation surface.

6. Attach an additional LED light to the Outlet. **Connect up to four of these lights, up to 6A total max.**



Operation

1. Plug the Shop Light into a grounded, 120VAC electrical outlet.
2. Pull the On/Off Pull Chain to turn on the Light.

3. Pull the On/Off Pull Chain again to turn the Shop Light off.

WARNING! TO PREVENT SERIOUS INJURY:

Do not pull on the On/Off Pull Chain too hard or at an angle to prevent the Light from falling.

Maintenance



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

⚠️WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:

Unplug the Light from its electrical outlet before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM LIGHT FAILURE:

Do not use damaged equipment. If damage is noted, have the problem corrected before further use.

1. **BEFORE EACH USE**, inspect the general condition of the Shop Light. Check for:
 - loose hardware
 - misalignment or binding of moving parts
 - damaged cord/electrical wiring
 - cracked or broken parts
 - any other condition that may affect its safe operation.
2. **PERIODICALLY**, clean the Diffuser Cover with nonabrasive glass cleaner and a clean cloth.

⚠️WARNING! TO PREVENT SERIOUS INJURY: If the supply cord of this light is damaged, it must be replaced only by a qualified service technician.

Record Product's 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. Do not open the housing, there are no user-serviceable parts inside. Reference UPC 193175502469.

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.

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