



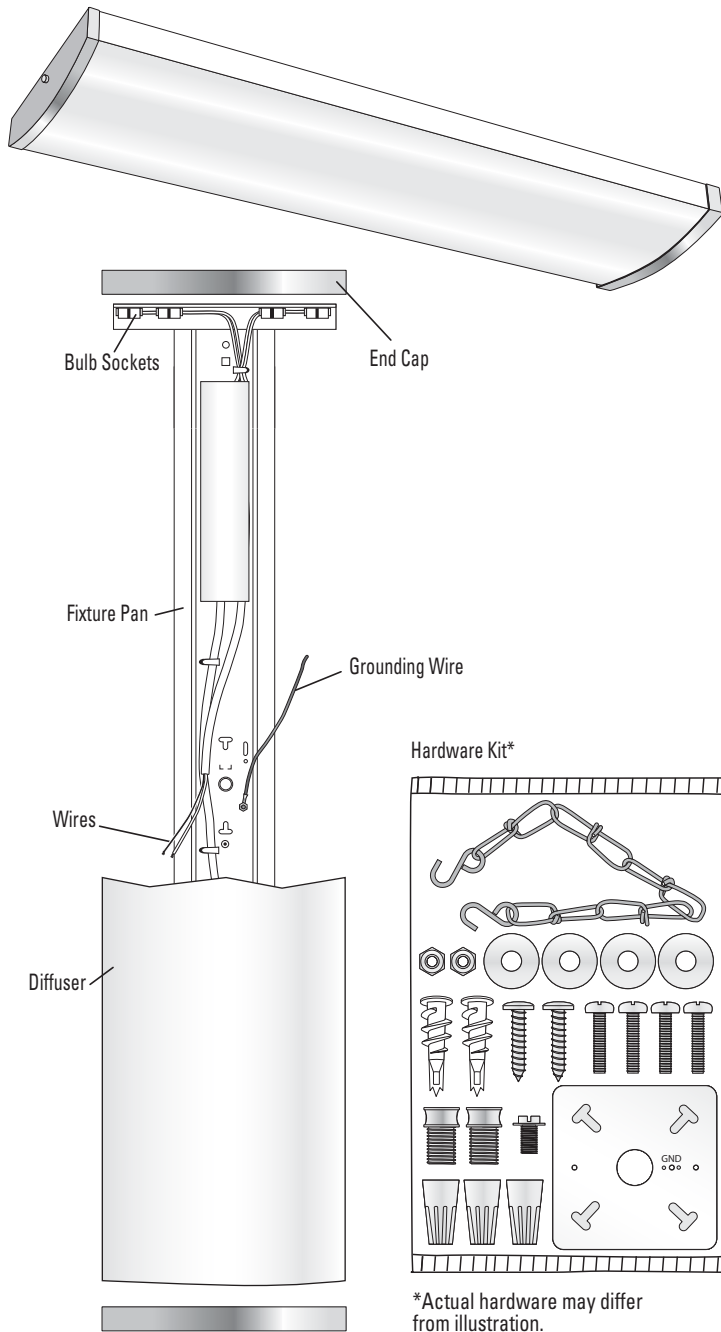
Model: LF1032-AL3-48T84-C

Good Earth Lighting®

4 FT. 4-LIGHT FLUORESCENT CEILING FIXTURE

To Begin

WARNING: Review important safety instructions before installation. Check to make sure you have the following:



*Actual hardware may differ from illustration.

Preparation

We recommend you read through these instructions entirely before starting your installation in order to help you understand all the steps and options pertaining to your particular installation. Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list and diagram above. If any part is missing or damaged, do not attempt to assemble the product. Contact customer service for replacement parts.

Installation Time: 45 Minutes

Installation may require a flathead screwdriver, phillips screwdriver, wire strippers, wire cutters, pliers, electrical tape, safety glasses, and a step ladder.



Safety Information

SHUT OFF POWER AT THE CIRCUIT BREAKER OR FUSE PANEL BEFORE REMOVING THE OLD FIXTURE OR INSTALLING THE NEW ONE.

DO NOT USE THIS FIXTURE WITH A DIMMING CIRCUIT. If you presently have dimmer controls, you will need to remove them and replace them with regular electrical switches. If you have a three-way dimmer, you will have to replace it with a regular three-way switch. If you are unfamiliar with electrical installations, it is recommended you have a qualified electrician do your installation.

Mounting Instructions

1 **Fig. 1** **Fig. 2** Depending on the type of electrical box in your installation, you will need to modify the mounting plate by removing knockouts that correspond to the mounting screws on the electrical box. Screw two (2) of the short machine screws into the threaded holes on the mounting plate (**Fig. 1**). If the mounting plate has more than 2 threaded holes, measure the center-to-center distance of the holes to make sure it matches the hole openings in the fixture. Pull the supply wires through the center hole of the mounting plate and attach the mounting plate to the electrical box using the screws that came with the electrical box (**Fig. 2**).

2 **Fig. 3** **Fig. 4** Place the fixture pan over the two machine screws protruding from mounting plate, and position it into the desired mounting location. Locate the round holes at each end of the fixture pan and mark their center location onto the ceiling (**Fig. 3**). Remove the fixture pan and drill a 1/16 in. pilot hole into the marked locations. If the fixture is being mounted to drywall, insert the drywall anchors into the holes and screw them into place so they are flush with the surface of the drywall (**Fig. 4**). **NOTE:** When drilling the pilot hole if contact is made with wood DO NOT install the drywall anchor.

3 **Fig. 5** **Fig. 6** Pull the fixture wires through the hole in the center of the fixture pan to the backside of the fixture. Using the support chain, connect one end to the back of the fixture pan near the center in the specially designed slots (**Fig. 5**). Hook the other end of the support chain to the mounting plate (**Fig. 6**). This will allow for a hands free support for wiring.

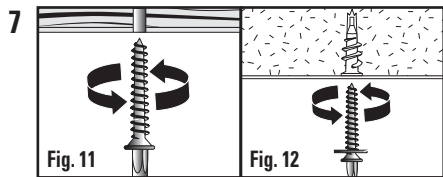
4 **Fig. 7** **Fig. 8** For safety, and proper operation, the fixture must be properly grounded. If unfamiliar with the methods for properly grounding the fixture and mounting bracket, consult a qualified electrician.

NON-GROUNDED or PLASTIC BOX: If the electrical box is non-grounded, or plastic, connect the fixture green/copper ground wire to the green/copper ground wire from the electrical box with a wire nut, AND then make a loop with the ground wire and secure it to the mounting bracket with the grounding screw (**Fig. 7**).

METAL BOX AND GROUNDED: If the electrical box is metal and grounded, run the green/copper ground wire attached to the inside of the fixture through the center of the fixture and attach it to the mounting plate using the grounding screw (**Fig. 8**).

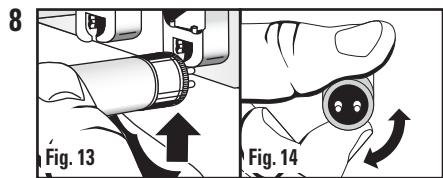
5 **Fig. 9** Connect the black lead from the fixture to the black lead from the electrical box with a wire nut. Connect the white lead from the fixture to the white lead from the electrical box with a wire nut. Make sure the wire nuts are tight. If needed, wrap electrical tape around the wire nuts to prevent them from coming loose (**Fig. 9**). Carefully push the wires through the hole of the mounting plate into the electrical box.

6 **Fig. 10** Remove the support chain. Position the fixture over the electrical box so that the machine screws protruding from the face of the mounting plate pass through the elongated holes in the fixture. Secure the fixture pan to the electrical box with the washers and hex nuts (**Fig. 10**).



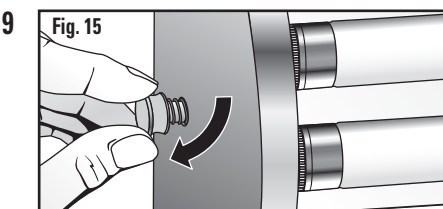
CEILING JOIST MOUNTING: Place one of the washers on each wood screw. While holding the fixture in line with the pilot holes, screw the wood screws and washers into the wooden studs (**Fig. 11**). Tighten until the fixture has been secured to the mounting surface.

DRYWALL MOUNTING: Place one of the washers on each wood screw. Hold your fixture in line with the drywall anchors that were installed in step 2, and screw the wood screws into the drywall anchors (**Fig. 12**). Tighten until the fixture has been secured to the mounting surface.

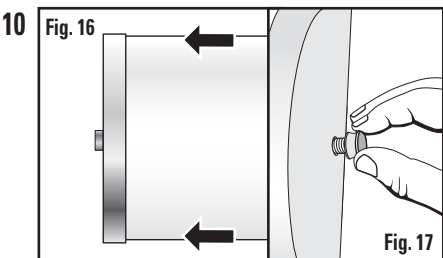


Install four 32-watt, 120-volt F32T8 fluorescent bulbs (not included) (**Fig. 13**). Do not replace with any other wattage of linear fluorescent bulb. Install the bulb into the sockets by aligning the pins of the bulb with the slot in the sockets (**Fig. 14**). Using your thumb

and forefinger, press the metal ends of the socket, and roll the bulb forward until it rotates 90 degrees inside the socket, making contact between the bulb pins and the socket contacts (**Fig. 15**).

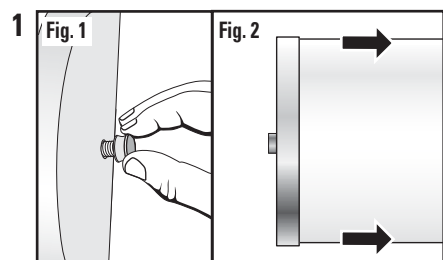


Line up one end cap over the hole at the end of the fixture pan and secure in place with the finial cap (**Fig. 15**).

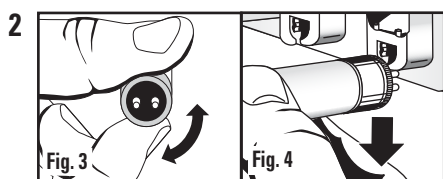


Slide the diffuser into the attached end cap, and hold into place (**Fig. 16**). Place remaining end cap over the opposite end, and secure with the finial cap (**Fig. 17**). Restore power to the fixture.

Bulb Replacement



Remove the finial cap by unscrewing counterclockwise (**Fig. 1**). Then remove the end cap and slide out the diffuser to expose the bulbs (**Fig. 2**).



Remove the defective bulb by using your thumbs to press and roll the bulb 90 degrees inside the socket (**Fig. 3**). This will disengage the bulb contact pins from the socket contacts. Then slide the bulb pins out of the socket slot (**Fig. 4**). Install the new bulb in the same manner

you removed the old bulb. Re-install the diffuser, end cap, and finial cap. Restore power to the fixture. Dispose of the old bulb(s) in accordance with local, state, and/or federal laws, or go to www.lamprecycle.org for more information.

Care and Maintenance

You may want to periodically clean the fixture using a mild, non-abrasive soap based cleaner and soft cotton cloth. Do NOT use solvents, cleaners containing abrasive agents, ammonia, or surfactants. When cleaning the fixture, make sure you have the power turned off and do not spray liquid cleaner directly onto the diffuser, bulb, socket, ballast, or wiring.

Troubleshooting

Minor problems often can be fixed without the help of an electrician. Before doing any work on the fixture, shut off power supply at the circuit breaker panel to avoid electrical shock.

Problem	Cause	Solution
Fixture doesn't light	Bulb is defective	Replace bulb
	Power is off	Check if power supply is on
	Bad wire connection	Check wiring
	Bad switch	Test or replace switch
Fuse blows or circuit breaker trips when light is turned on	Crossed wires or power wire is grounded out	Check wiring connections

In the unlikely event that your fixture's ballast or lamp socket(s) fail, they can be replaced by a qualified electrician. For further information regarding these replaceable parts, please have your electrician contact our technical support number at 1-847-808-1133.

Replacement Parts List

Keep this guide handy for ordering replacement parts.	Hardware Kit ZH-LF1032F48-AL3	Diffuser ZD-LF1032L48-WHG
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Need Help?



In the event you are missing a part or have questions regarding installation please visit our website at www.goodearthlighting.com/support.html or call the Customer Care Center 1-800-291-8838, 8:30 a.m.-5 p.m., CST, Monday-Friday.

Good Earth Lighting® Warranty

3 YEAR LIMITED WARRANTY

The manufacturer warrants this lighting fixture to be free from defects in materials and workmanship for a period of (3) years from the date of original purchase by the consumer. We will repair or replace (at our option) the unit in the original color, and style if available, or in a similar color and style if the original item has been discontinued, without charge. The manufacturer warrants the lamp for 3 years, providing the lamp is not used in a commercial application where it is on 24 hours per day, but is used in a residential environment for 3-5 hours per day. Defective units must be properly packed and returned to the manufacturer with a letter of explanation and your original purchase receipt showing date of purchase. Call 1-800-291-8838 to obtain a Return Authorization number and an address where to ship your defective product. Note: No C.O.D. shipments will be accepted. The liability of the manufacturer is in any case limited to replacement of the defective light fixture product. The manufacturer will not be liable for any other loss, damage, or injury which is caused by the product. This limitation upon the liability of the manufacturer includes any loss, damage, or injury which is (I) to person or property or otherwise; (II) incidental or consequential in nature; (III) based upon theories of warranty, contract, negligence, strict liability, tort, or otherwise; or (IV) directly, or indirectly related to the sale, use, or repair of the product. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

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Lamp contains Mercury. Dispose according to local, state, or Federal laws. See: www.lamprecycle.org

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