



Installation Instructions

WARNINGS TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS:

⚠ WARNING

Risk of electric shock

- Use only insulated staples or plastic to secure the cords
- Route and secure the cords so that they will not be pinched or damaged

Risk of fire

- Keep away from materials that may burn
- Use only with a 12V, 10 watt Xenon bulb
- Not intended for installation in plastic cabinets
- Keep cord or combustibles such as plastic, paper goods, and the like away from glass lens and lamp. 12 in. minimum clearance recommended
- Position cabinet light with respect to cabinet to permit reading of the lamp replacement markings during relamping. Mount lamp facing down
- Not intended for illumination of aquariums
- Do not conceal power supply cord inside a wall, ceiling, soffit, kitchen cabinet, or similar permanent structure
- Do not run the power supply cord through holes in walls, ceilings, or floors
- Route and secure the cords so that they will not be pinched or damaged when cabinet is pushed to the wall
- Do not use an extension cord. Use power strip

Risk of personal injury

- Turn off/unplug and allow to cool before replacing the bulb
- Bulb and glass lens gets HOT quickly
- Lighted lamp and lens are HOT
- Do not touch hot lens or enclosure
- Do not remain in light if skin feels warm
- Do not look directly at lighted bulb
- Do not touch the bulb at any time. Use a soft cloth. Oil from skin may damage the bulb
- Do not operate the unit with a missing or damaged glass lens or UV filter
- Do not attempt to relocate any of the lights from the installed location to a new location
- Do not install on walls or vertical surfaces

Risk of electric shock

- with integral overcurrent protection to supply other electrical devices or accessories in cabinet
- Do not locate puck lights closer than 2" (5.1 cm) from cabinet wall or in a compartment smaller than 12" by 12" by 12" - one cubic foot (30.5 cm by 30.5 cm by 30.5 cm) for each light fixture. Three light fixtures require a minimum of three cubic feet (0.085 cubic meters) of enclosed space. Temperatures on the mounting surface can reach 180° F (82° C)

SAVE THESE INSTRUCTIONS IN A LOCATION CLOSE TO YOUR CABINET SO YOU CAN REFER TO THEM AT A LATER TIME.

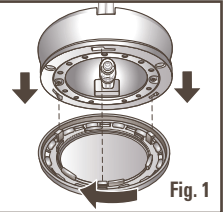
We recommend you read through these instructions entirely before starting your installation in order to help you understand all the steps and options pertaining to your particular installation.

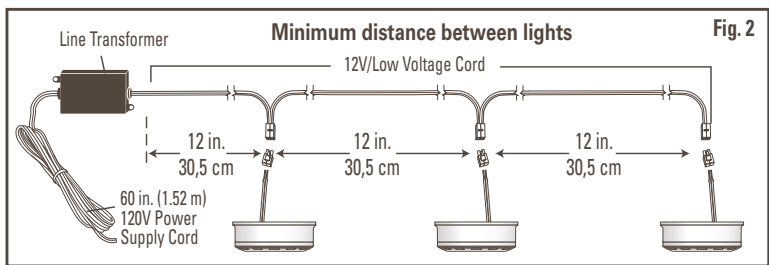
The low voltage portable xenon light may be installed inside or under a kitchen cabinet, or other built-in furniture when: 1) The low voltage Class 2 power supply is located outside the cabinet and is not concealed; and 2) The line voltage (120V) power supply cord is not concealed or run through openings in the cabinet, walls, ceilings, or floors. This requirement does not apply to the wiring between the cabinet light and the power unit. The National Electrical Code (NEC) does not permit cords to be concealed where damage to insulation may go unnoticed. To prevent fire danger, do not run cord behind walls, ceilings, soffits, or cabinets where it may be inaccessible for examination. Cords should be visually examined periodically and immediately replaced when any damage is noted

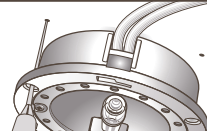
IMPORTANT SAFETY INSTRUCTIONS

This portable lamp 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. Do not alter the plug. Read entire installation procedure before you begin.

Mounting Preparation Instructions

-  Remove the lens cover (bezel) from the xenon light by twisting the bezel counter-clockwise (Fig. 1). Be careful not to drop the lens, which can break.
- Determine the locations where you want the xenon light(s) to be mounted, making sure the cords can reach the next subsequent Xenon light (Fig. 2).



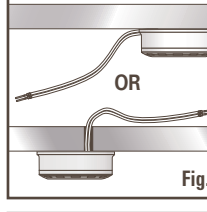
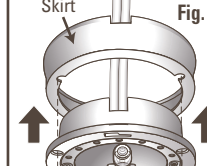
-  Determine the location where you want the xenon light(s) to be mounted, making sure the transformer wiring and housing will reach the nearest outlet. Using a pencil or awl mark the locations of the screw holes by holding the light head against the mounting surface as shown (Fig. 3). Pre-drill holes in the mounting surface with a 1/16" (1.6mm) drill bit.

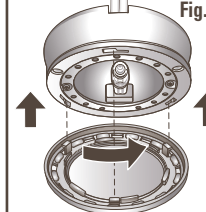
You can trace the line voltage (120V) cord along the bottom surface of the cabinet. Do NOT attempt to conceal the 120V power supply cord inside your cabinets.

- Proceed to either **Surface Mounting Installation** or **Recessed Mounting Installation** based on your desired method of installation.

Surface Mounting Installation

Please refer to the **MOUNTING PREPARATION INSTRUCTION** section for the first three (3) steps for surface mount installation. This section only explains the mounting of the light fixtures, not supplying the power to them.

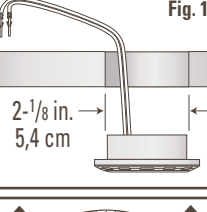
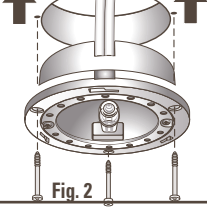
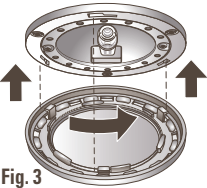
-  You can trace the low voltage (12V) cord along the bottom surface of the cabinet or inside the cabinet (Fig. 1). To trace your low voltage cord inside your cabinets, you must drill an additional 1/4 in (6.35 mm), hole as shown in the illustration. Do NOT attempt to conceal your transformer or the 120V power supply cord inside your cabinets.
-  While feeding both wires attached to the reflector cup through the housing, hold the reflector cup over the pre-drilled holes you made earlier in the instructions (Fig. 2). Using three (3) of the #2 x 1 in. screws (included), secure the light reflector cup body to the mounting surface as shown. Route the wires under the notched area of the housing. **NOTE:** Make sure your wires are exiting on the side you want them to. **DO NOT** install without skirt in place.

-  Re-attach the lens bezel to the light head by aligning the three (3) attachment legs in the cover with the corresponding openings in the head (Fig. 3). Turn the lens clockwise to lock it in place. Do NOT operate the xenon lights without the lens bezels in place.

- Mount remaining heads following Steps 1-3. Attach the re-lamping label (included in your hardware kit) next to one of the heads for future reference when replacing.

Recessed Mounting Installation

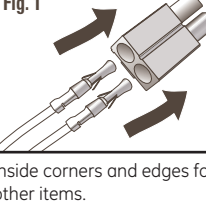
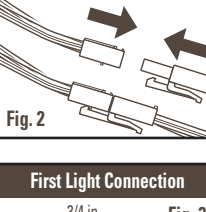
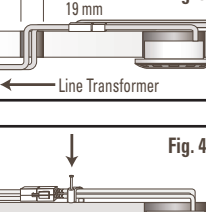

Your xenon lights can be recessed mounted into portable cabinets. Recessed mounting into fixed kitchen cabinets is **NOT** recommended. Refer to the **MOUNTING PREPARATION INSTRUCTIONS** section for the first three (3) steps for installation.

-  Mark the center point you wish the fixtures to be installed. Using a hole saw, drill a 2-1/8 in (5.40 cm), diameter hole through the mounting surface (Fig. 1).
-  Using three (3) of the #2 x 1/2 in. screws, secure the head to the mounting surface as shown (Fig. 2). Make sure you trace the wires from the xenon light through the hole opening prior to attaching the light to the mounting surface.
-  Re-attach the lens bezel to the light head by aligning the three (3) attachment legs in the cover with the corresponding openings in the head (Fig. 3). Turn the lens clockwise to lock it in place. Do NOT operate the xenon lights without the lens bezels in place.

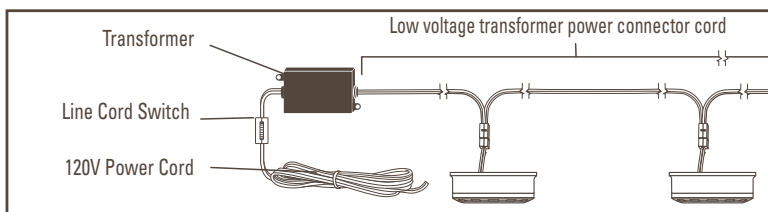
- Mount remaining heads following Steps 1-3. Attach the re-lamping label (included in your hardware kit) next to one of the heads for future reference when re-lamping.

Power Connections

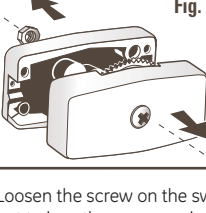
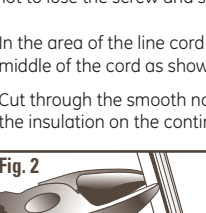
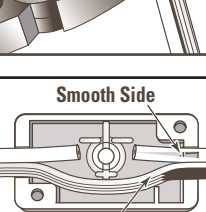

DO NOT ATTEMPT TO TEST YOUR SYSTEM WITHOUT THE PLASTIC CONNECTOR PLUGS INSTALLED! YOU CAN PERMANENTLY DAMAGE THE TRANSFORMER IF THE METAL TERMINALS ON LAMPS ARE EXPOSED AND SHORTED. DOING SO WILL VOID YOUR WARRANTY.

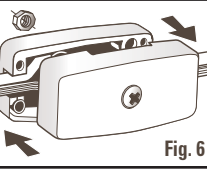
-  **IMPORTANT: Once the connector plugs are attached, they cannot be removed. If you plan to route the wires coming from the heads through any additional cabinet walls or surfaces, it is best to do the routing first, since routing holes can be kept to a minimum size prior to attaching the connectors.** Install the plastic connector plugs over the connection contacts on each head as shown (Fig. 1). For routing of wires and power cords, we recommend following inside corners and edges for the neatest appearance, and to keep cords out of the way of other items.
-  Once the light heads are mounted to the cabinet surface, clip the connectors together as shown (Fig. 2). To remove the connector, depress the tab on the latching mechanism and pull the connector away from the receptacle.
-  **First Light Connection** Route the transformer power connectors to the individual heads. If routing has to be done through adjoining cabinet walls, you will need to drill 3/4 in (1.91 cm), holes through cabinet walls in order to route the power plugs to the individual head locations (Fig. 3). Do NOT route the 120V power supply cord through fixed cabinet walls.
-  After the power connector wires have been routed and in place, you can use the plastic nail-in wire guides to keep the wires neatly in place and prevent them from sagging (Fig. 4).

Switch Installation



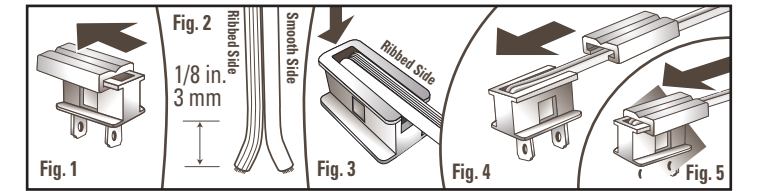
Fixtures being plugged into a switch controlled wall outlet will not require a line switch to be installed. However, if the outlet is not switched, the line cord switch should be installed to switch the light on and off. The line switch included in the hardware kit may differ from the one in the illustrations, but it will be installed using the same basic instructions.

-  Choose a convenient, easy-to-reach location on the line cord to install the line cord switch. Mark the location on the smooth side of the cord.
-  Loosen the screw on the switch body, and separate the halves of the switch body. Make sure not to lose the screw and small nut. (See Fig. 1)
-  In the area of the line cord where the switch is to be placed, cut a 5/8" (1.5 cm) slit in the middle of the cord as shown (See Fig. 2, 3 and 4) Cut through the smooth non-ribbed side of the line cord. CAUTION: DO NOT cut or damage the insulation on the continuous side of the wire.
-  You will notice your line cord has one ribbed side and one smooth side. The ribbed side is the neutral side of the wire. Place the cord in the hollow half of the switch body as shown (Fig 5). Make sure the cut sections of the wire do not touch each other.

-  Put the other half of the switch body back on, and squeeze the two halves together so the contact pins inside the switch pierce the insulation on the cut wire (Fig 6). Replace the attachment screw and nut, and tighten the switch body back together.

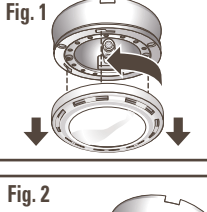


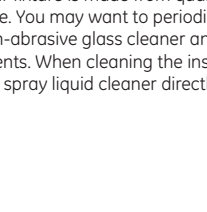
Power Plug Instructions

- If attached, slide the cover off the power plug as shown (Fig. 1). You can trim your 120V supply cord to length to reduce excess cord length to your outlet.
- Split the cord 1/8 in. from the end after you have adjusted the length to the outlet (Fig. 2). Insert the blunt cut end of the power cord into the cavity on the inside end of the plug (Fig. 3). Make sure that the ribbed side of the wire is in the position shown below.
- Press the wire firmly into the plug and while holding the wire down, slide the cover back onto the plug body (Fig. 4). Slide the cover completely over the plug so none of the wire inside the plug is visible (Fig. 5). The cover will have a tight fit.



Bulb Replacement Instructions

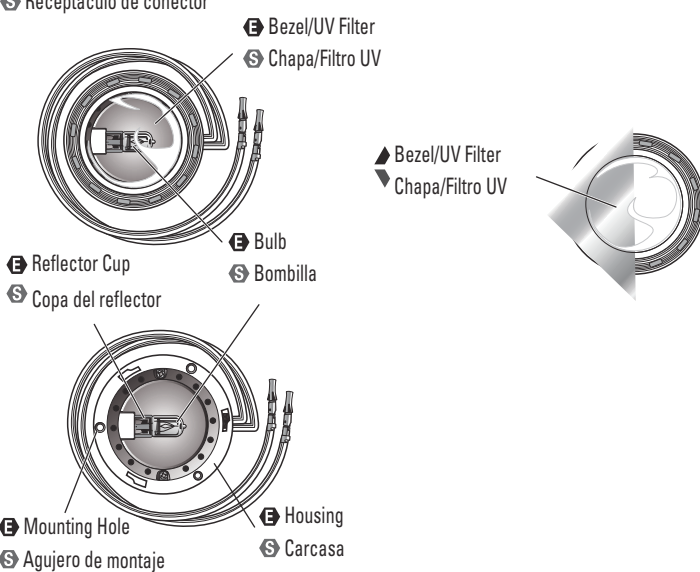
Relamp only with a 12V, 10W or less xenon bulb with G4 base.

-  Turn the light fixture off, and allow sufficient time for the unit and bulb (lamp) to cool properly before handling.
-  Remove the lens cover from the Xenon heads by twisting the lens cover counter-clockwise. Be careful not to drop the lens, which can break.
-  Using a cloth or paper towel, grasp the bulb firmly and pull bulb out of the socket. Re-insert a new bulb using a paper towel or cloth to hold the bulb.
-  Rettach the lens cover to the head by aligning the three (3) attachment legs in the cover with the corresponding openings in the head. Turn the lens clockwise to lock it in place. The lens cover is also the lamp and UV guard. Do not operate the Xenon lights without the covers in place.

Cleaning Instructions

Your fixture is made from quality materials that will last for many, many years with minimum care. You may want to periodically clean the diffuser, or interior of the fixture using a mild, non-abrasive glass cleaner and soft cloth. Do NOT use solvents, or cleaners containing abrasive agents. When cleaning the inside of the fixture, make sure you have the power turned off, and do not spray liquid cleaner directly onto the bulb, socket, transformer or wiring.

- ⓐ Transformer
- ⓑ Transformador
- Ⓐ 120V Line Cord
- ⓐ Cable de alimentación (12 vatios)
- ⓑ 3-Light Hardware Kit*
- ⓐ Juego de herramienta de 3 Luces*



*Actual hardware may differ from illustration.

*La tornillería puede variar de la que se muestra en la ilustración.

Xenon 3 Pack Puck Light

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