To secure the Light Box to the mounting plate, insert two (2) .50” (1.27 cm) screws through the bottom of the mounting plate and tighten into the bottom of the Light Box using a phillips head screwdriver.

NOTE: Some tables require additional reinforcement of the mounting bracket to support the mounted light. In this case, we recommend using a 1” thick piece of plywood. When employing this reinforcement to the bracket, please follow instructions 5-11 below.

6. Trace the outline of the mounting plate and mark the hole locations on a 3/4 inch (.96 cm) thick piece of plywood.

7. Cut the piece of wood to the outline size and drill four (4) 1/8 inch (.3 cm) holes.

8. Using the mounting plate as a template, mark drilling holes as needed (depending on your wall type).

9. Mount the light box to the plate by inserting the pins on the back of the light box into the slots on the mounting plate. Let the light box drop down to position the pins into the narrow portion of the mounting slots.

10. Mount the light Box to the plate, insert two (2) 5/16” (.8 cm) screws through the bottom of the mounting plate and tighten into the bottom of the Light Box using a phillips head screwdriver.

11. To secure the Light Box to the mounting plate, insert two (2) 5/8” (1.27 cm) screws through the bottom of the mounting plate and tighten into the bottom of the Light Box using a phillips head screwdriver.

NOTE: Some exam tables manufacturers supply mounting hardware for installation of the Exam Light III. Check with your table supplier for availability.

WARNING: The user of this equipment should be thoroughly trained in the medical procedures appropriate to the utilization of this instrumentation. Furthermore, time should be taken to read and understand the instructions contained within this manual prior to use of this product. Instructions for other equipment used in conjunction with the Exam Light III (for example: suction machines, electrosurgical generators, etc.) should also be read and understood.

Failure to understand the operating requirements for this product may result in injury to yourself, the patient and/or may damage the instrument.

CAUTION: Electric Shock Hazard - Remove power cord from the electrical outlet and allow lamp to cool before repositioning (Welch Allyn lamp #40340).

DANGER: Risk of explosion if used in the presence of flammable anesthetics.

CAUTION: Federal Law restricts this device to sale by or on the order of a physician.

CAUTION: Radiation hazards - Do not stare at the light source in operation. May be harmful to eyes.

CAUTION: Use the examination light in its intended working range of 12 to 24 inches. Exposures at closer distances may be harmful to skin.

5. To secure the Light Box to the mounting plate, insert two (2) 5/8” (1.27 cm) screws through the bottom of the mounting plate and tighten into the bottom of the Light Box using a phillips head screwdriver.
Solution

NOTE: The fiberoptic light pipe has been designed to not drift to a new position once positioned for an exam if the Light Box is mounted vertically according to the instructions. The warranty is for a one year period from the original date of purchase provided that the light pipe has not been tampered with or abused. Any light Pipe that does not meet these performance requirements will be repaired or replaced at no charge to the customer.

SPECIFICATIONS

Electrical

<table>
<thead>
<tr>
<th>Ref Model</th>
<th>Input</th>
<th>Output</th>
<th>Fuse</th>
</tr>
</thead>
<tbody>
<tr>
<td>48741</td>
<td>120VAC</td>
<td>24VDC</td>
<td>30mA</td>
</tr>
<tr>
<td>48742</td>
<td>230VAC</td>
<td>24VDC</td>
<td>30mA</td>
</tr>
<tr>
<td>48751</td>
<td>120VAC</td>
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<tr>
<td>48752</td>
<td>230VAC</td>
<td>24VDC</td>
<td>30mA</td>
</tr>
</tbody>
</table>

Fiberoptic Light Pipe - The fiberoptic light pipe has been designed to not drift to a new position once positioned for an exam if the Light Box is mounted vertically according to the instructions. The warranty is for a one year period from the original date of purchase provided that the light pipe has not been tampered with or abused. Any light Pipe that does not meet these performance requirements will be repaired or replaced at no charge to the customer.

Exam Light/Mounting Plate Instructions:

1. Place the keyhole pins on the back of the Exam Light into the slots on the top of the mounting plate and slide down.
2. Line up the screw holes on the bottom of the Exam Light with the screw holes on the mounting plate.
3. Insert the 50 inch (1.27 cm) screws through the holdouts of the mounting plate and tighten with a phillips head screw driver (not included).

FUSE REPLACEMENT

1. Turn the unit off and unplugging the power cord from both the wall outlet and the light box.
2. Press the tabs on both ends of the fuse drawer in and pull the fuse drawer out.
3. Remove and replace new fuses of the same type. There is no required orientation of the fuses. Be sure to replace both fuses.
4. Replace the power cord holder by inserting it into the power connector until it snaps into place.

LAMP REPLACEMENT

CAUTION: Lamp may be hot. Allow the lamp to cool before replacing.

1. Turn the unit off and unplugging the power cord from both the wall outlet and the Light Box.
2. Remove the unit from the patient’s area.
3. Using a screwdriver, loosen the single panel fasteners that protrude from the bottom of the unit. As the screw is loosened, there will be a noticeable “drop” as the front cover is released.
4. Slightly lift the bottom of the front cover toward you and then slide the cover up to remove it.
5. For initial lamp replacement only. Grasp the clip at top of lamp. Rotate clip toward the base of the unit until it pops out. Discard clip. It was for shipping purposes only.
6. Grasp the lamp connector and pull the lamp straight out of its holder.
7. Pull the lamp from its connector and replace it with Welch Allyn Replacement Lamp #50450.
8. Push the lamp back into the holder.
9. Replace the lamp cover by placing the tabs of the top of the cover into the slots at the top of the back housing and then tightening the screw at the bottom of the unit.
10. Return the unit to the patient area and plug power cord back into bottom of unit and wall outlet.

CLEANING

For best results, use the disposable sheath model #50490.

1. Remove the focusing sleeve from the Fiberoptic Light Pipe or Fiberoptic Light Cable by rotating it counterclockwise to unthread.
2. Use a cotton swab soaked in warm water and mild detergent to clean the distal end of the Fiberoptic Light Pipe or Light Cable, the proximal side of the Focusing Sleeve (small end), and distal window on the large end on the Focusing Sleeve.
3. Dry using a new cotton swab.
4. Reassemble the Focusing Sleeve to the Light Pipe or Light Cable by rotating it clockwise.

MAINTENANCE AND REPAIR

For minor trouble, refer to the troubleshooting section in this manual for possible causes and corrective action. Only qualified personnel should make electrical connections of the Welch Allyn light box. To locate qualified personnel, contact your local authorized Welch Allyn distributor, or call Welch Allyn directly at 1-888-485-4900. Tampering with the unit will void all warranties expressed or implied.

WARRANTY

Light Box - Welch Allyn guarantees that the Light Box is Free of any manufacturing defects which Welch Allyn will repair or replace, free of charge, any parts proven to be defective through normal causes that may undermine the life, reliability, or effectiveness in performance of any other item or equipment. This warranty is for a one year period from the original date of purchase.