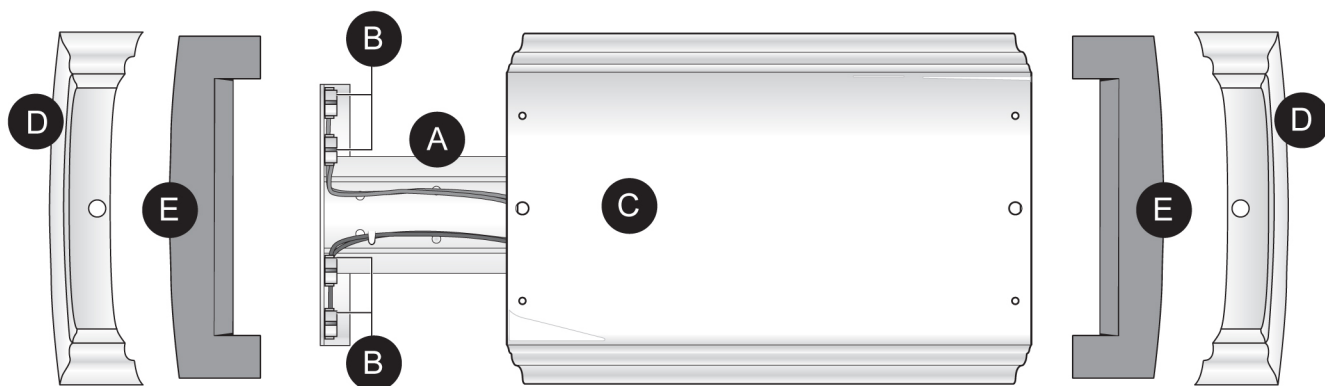


## PACKAGE CONTENTS

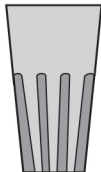

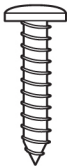




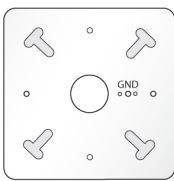
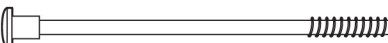




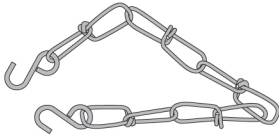


PART	DESCRIPTION	QUANTITY
A	Fixture	1
B	Socket	8
C	Diffuser	1

PART	DESCRIPTION	QUANTITY
D	End Cap	2
E	Light Shield	2

## HARDWARE CONTENTS (shown actual size)

**\*(4) Orilis LED T8 Tubes Included**

<b>AA</b>  Wire Nut Qty. 3	<b>BB</b>  Finial Cap Qty. 2	<b>CC</b>  Wood Screw Qty. 2	<b>DD</b>  Washer Qty. 4	<b>EE</b>  Hex Nut Qty. 2	<b>FF</b>  Drywall Anchor Qty. 2	<b>GG</b>  Short Machine Screw Qty. 4	<b>HH</b>  Mounting Plate (Not shown to size) Qty. 1
<b>II</b>  Carriage Bolt (Not shown to size) Qty. 2	<b>JJ</b>  Grounding Screw Qty. 1	<b>KK</b>  Spring Clip Qty. 4	<b>LL</b>  Star Washer Qty. 4	<b>MM</b>  Small Screw Qty. 4	<b>NN</b>  Support Chain Qty. 1		

## SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product.

### WARNING

- Shut off power at the circuit breaker or fuse panel before removing the old fixture or installing the new one.

### CAUTION

- **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.

## PREPARATION

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.

### Estimated Assembly Time: 45 minutes


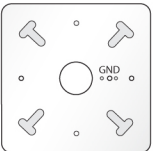
Tools required for assembly (not included): drill, 1/16" drill bit, phillips head screwdriver, flathead screwdriver, safety glasses, electrical tape, pliers, wire cutters, wire strippers, step ladder.

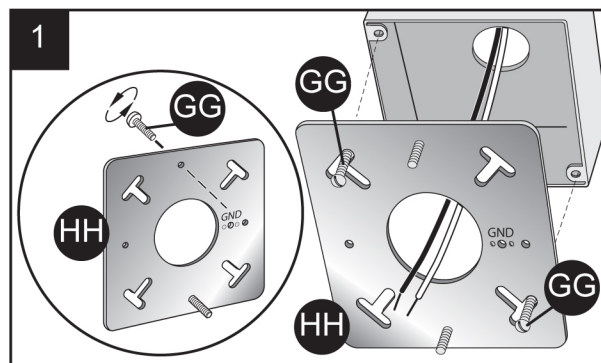
## ASSEMBLY INSTRUCTIONS

With power disconnected to your electrical box, remove the old fixture. If your old fixture is attached to an electrical box having more than two (2) wire leads, it is recommended you use tape and markings to keep track of which wires were attached to each other.

1. Screw two of the short machine screws (GG) into the threaded holes on the mounting plate (HH) on the side NOT labeled GND. Depending on the type of electrical box, you may need to modify the mounting plate (HH) by removing knockouts that correspond to the mounting screws on your electrical box. Pull the supply wires through the center hole of the mounting plate (HH). Attach the mounting plate (HH) to the electrical box, on the side labeled GND, using screws removed from the electrical box or two of the machine screws (GG) provided (Fig. 1).

### Hardware Used

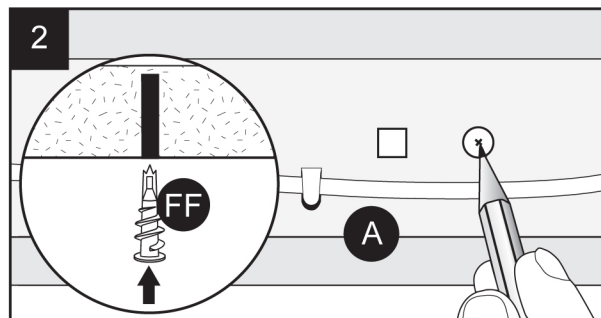
<b>GG</b>	Short Machine Screw		x 4
<b>HH</b>	Mounting Plate		x 1



2. Place the fixture pan over the two machine screws protruding from mounting plate (HH), 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. 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 (FF) into the holes and screw them into place so they are flush with the surface of the drywall (Fig. 2). **NOTE:** When drilling the pilot hole if contact is made with wood DO NOT install the drywall anchor.

### Hardware Used

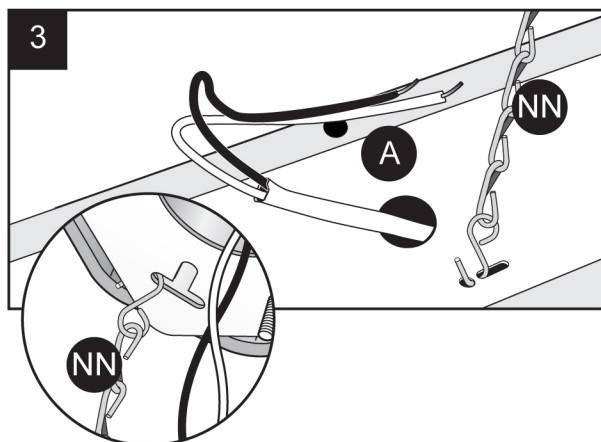
<b>FF</b>	Drywall Anchor		x 2
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3. Pull the fixture wires through the hole in the center of the fixture pan (A) to the backside of the fixture. Using the support chain (NN), connect one end to the back of the fixture pan near the center in the specially designed slots and hook the other end to the mounting plate (HH) (Fig. 3). This will allow for a hands free support for wiring.

### Hardware Used

<b>NN</b>	Support Chain		x 1
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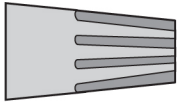

## ASSEMBLY INSTRUCTIONS

4. For safety, and proper operation, the fixture (A) must be properly grounded. If unfamiliar with the methods for properly grounding the fixture and mounting plate, consult a qualified electrician (Fig. 4).

**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 (AA), AND then make a loop with the ground wire and secure it to the mounting plate (HH) with the grounding screw (JJ).

**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 (A) and attach it to the mounting plate (HH) using the grounding screw (JJ).

### Hardware Used

AA	Wire Nut		x 1
JJ	Grounding Screw		x 1

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

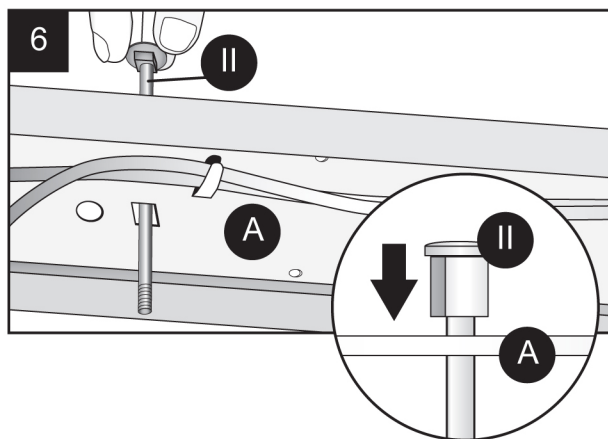
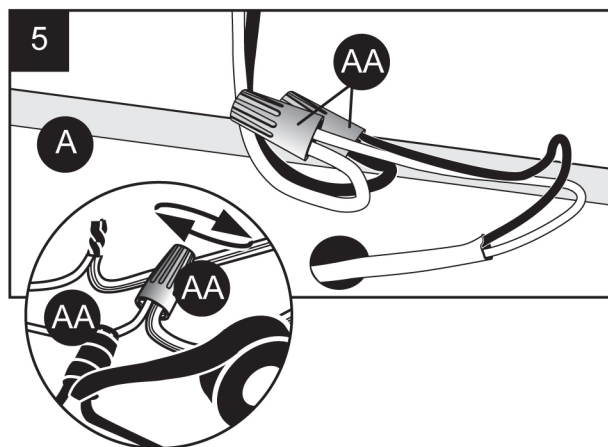
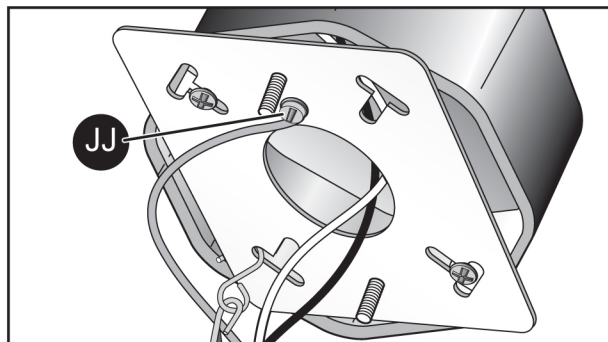
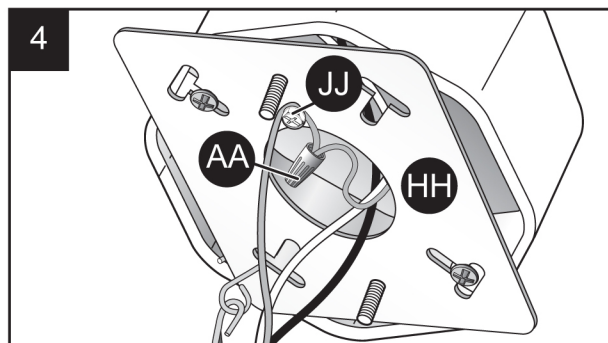
### Hardware Used

AA	Wire Nut		x 2
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6. Locate the square openings at the ends of the fixture pan (A). Insert the carriage bolts (II) through the square openings from the backside of the fixture pan (Fig. 6). The carriage bolt's threaded ends will be closet to the floor.

### Hardware Used



II	Carriage Bolt		x 2
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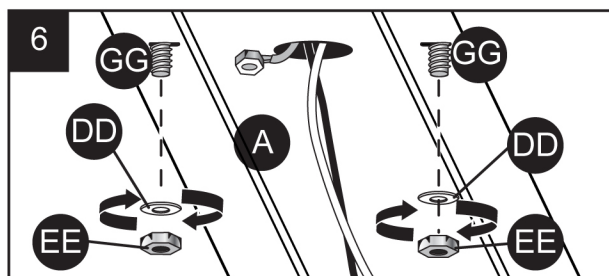


## ASSEMBLY INSTRUCTIONS

7. Remove the support chain (NN). Position the fixture (A) over the electrical box so that the machine screws (GG) protruding from the face of the mounting plate (HH) pass through the elongated holes in the fixture (A) (Fig. 7). Secure the fixture pan (A) to the electrical box with the washers (DD) and hex nuts (EE).

### Hardware Used



DD	Washer		x 2
EE	Hex Nut		x 2

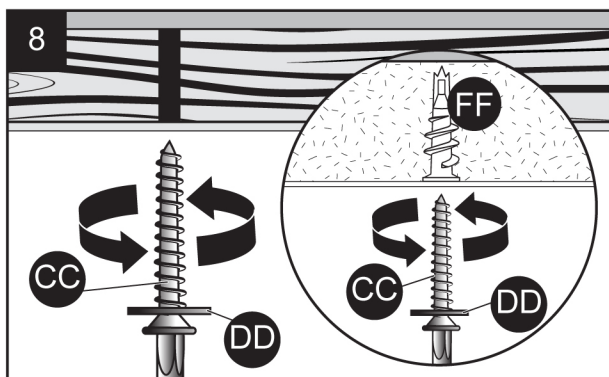


8. **CEILING JOIST MOUNTING:** Place one of the washers (DD) on each wood screw (CC). While holding the fixture (A) in line with the pilot holes, screw the wood screws (CC) and washers (DD) into the wooden studs (Fig. 8). Tighten until the fixture (A) has been secured to the mounting surface.

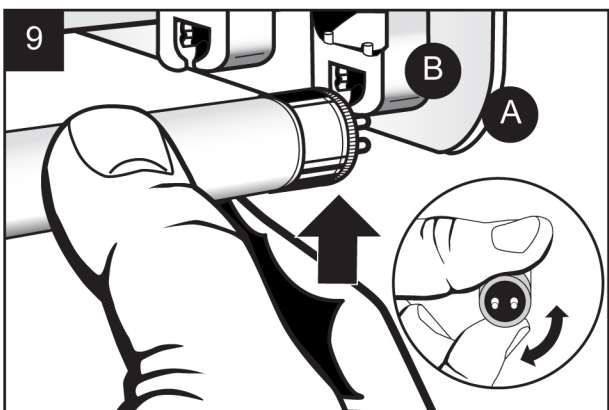
**DRYWALL MOUNTING:** Place one of the washers (DD) on each wood screw (CC). Hold your fixture in line with the drywall anchors that were installed in step 2, and screw the wood screws (CC) into the drywall anchors (FF) (Fig. 8). Tighten until the fixture has been secured to the mounting surface.

### Hardware Used

DD	Washer		x 2
CC	Wood Screw		x 2





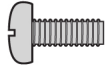
9. Install four Orilis T8 Double-Ended LED bulbs (included). (Fig. 9). Do not replace with any other wattage of linear fluorescent bulb. Install the bulb into the sockets (B) by aligning the pins of the bulb with the slot in the sockets (B). Using your thumb and forefinger, press the metal ends of the socket (B), and roll the bulb forward until it rotates 90 degrees inside the socket (B), making contact between the bulb pins and the socket (B) contacts.

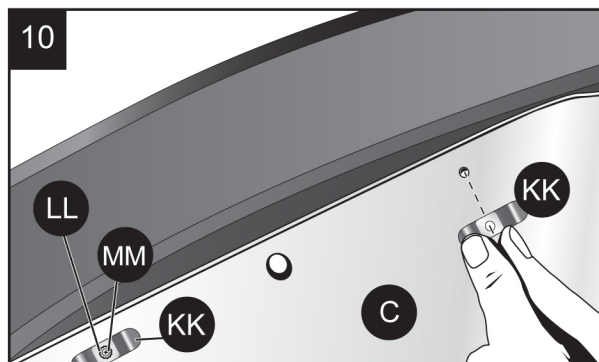


## ASSEMBLY INSTRUCTIONS

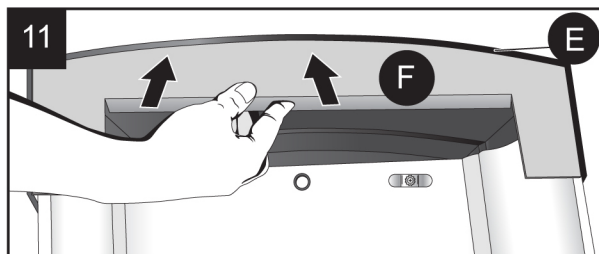
10. Place the diffuser (C) over the pegs on the end caps (E). Place the spring clip (KK) over the peg followed by the star washer (LL). Secure the spring clip to the diffuser with the small screw (MM) (Fig. 12). Do not over tighten.

### Hardware Used

<b>KK</b>	Spring Clip		x 4
<b>LL</b>	Star Washer		x 4
<b>MM</b>	Small Screw		x 4



11. The light shields (F) are pre-formed to fit within your fixtures end cap (E). Do not change the form. Double stick tape is located on the outer edges, remove the backing of the tape, and insert the light shield (F) into each end cap (E) (Fig. 11). Make sure the tape makes good contact with the end cap (E).

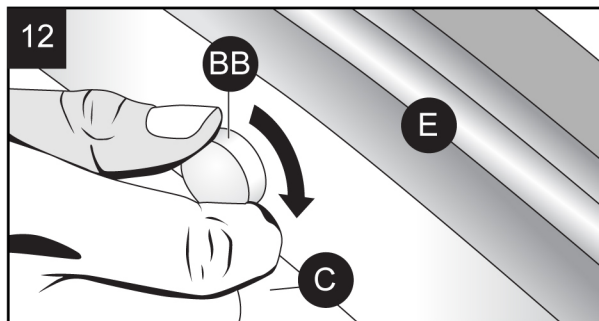


12. To install the diffuser (C), line up the holes at either end on the end caps (E) with the protruding carriage bolts (II). Secure the diffuser (C) to the fixture (A) with the finial caps (BB) (Fig. 14). **Note:** Diffuser (C) installation may require two people.

Restore power to the fixture.

### Hardware Used

<b>BB</b>	Finial Cap		x 2
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## BULB REPLACEMENT INSTRUCTIONS

Before replacing the bulb(s), shut off power to the fixture at the circuit breaker or fuse panel. Allow sufficient time for fixture and lamp to cool.

1. Expose the bulbs by carefully removing both finial caps (BB) to release the endcaps/diffuser from the carriage bolts (Fig. 1). Set the endcap/diffuser unit aside.

### Hardware Used

<b>BB</b>	Finial Cap		x 2
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