

INSTALLATION INSTRUCTIONS FOR BATTERY BACKUP MODEL ONLY

Package Contents

Part	Description	Quantity
1	Emergency Lighting	1
2	Hardware Kit	1



Warnings and Cautions

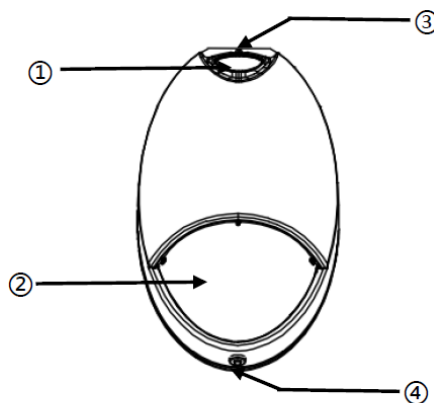
IMPORTANT SAFEGUARDS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Review the diagrams thoroughly before beginning.
2. All electrical connections must be in accordance with local codes, ordinances and the National Electric code.
3. Disconnect power at fuse or circuit breaker before installing or servicing.
4. Do not use outdoors.
5. Do not mount in hazardous locations, or near gas or electric heaters.
6. Do not let power cords touch hot surface.
7. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
8. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
9. Do not use this equipment for other than intended use.
10. All servicing and installation should be performed by qualified personnel only.
11. Allow battery to charge for 24 hours before first use.

SAVE THESE INSTRUCTIONS

User Instructions



Pic 1

① Two-color function indication

② LED Light

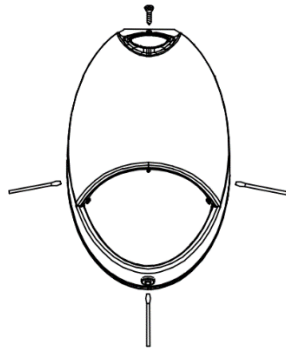
③ Cable outlet

④ Test button

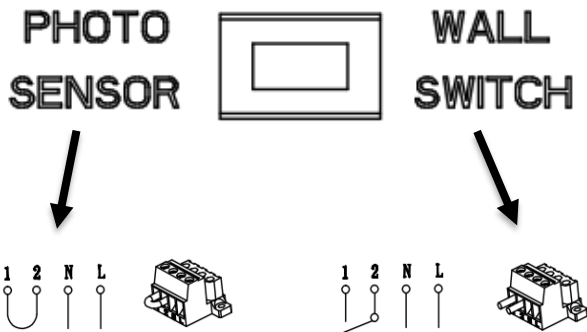
Mounting Instructions

NOTE: First turn off electricity.

1. Remove cover from fixture with a screwdriver.



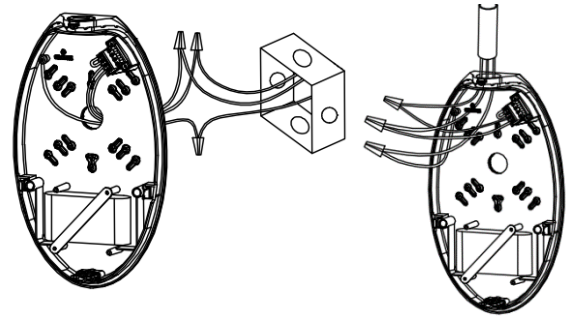
2. Select working mode.



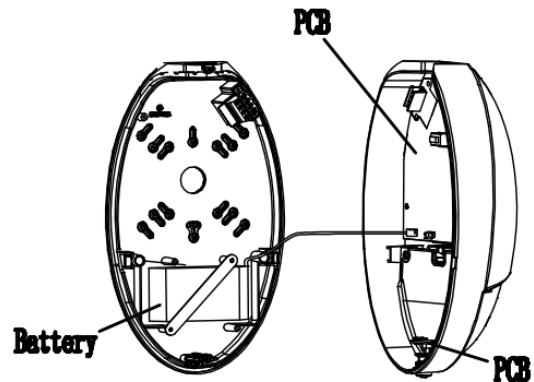
3. ELECTRICAL CONNECTIONS

Make the proper supply wire connections. Connect L and N to building power supply.

4. Pull out all AC wires from the back of the fixture or top of the fixture for mounting. (J-box not provided)



5. Connect the battery to connector on the PCBA.

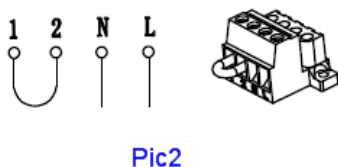


6. Restore power and press test button. AC light will turn off.

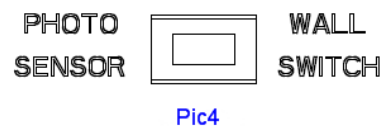
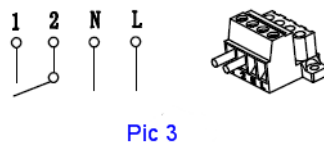
Function:

- When AC connected, the green indicator light should be on.
- For normal lighting use, the fixture can be configured for automatic operation by the built-in daylight photo sensor, or can be switched through an external switch. For battery backup models the fixture will illuminate from battery power on loss of normal AC, regardless of the photo sensor or wall switch operation.
- For photo sensor operation, connect the jumper between terminals 1 and 2 (Pic2) and slide the switch (Pic4) to the photo sensor position. The photo sensor will turn the fixture on when the ambient lighting <10 Lux, and off when the ambient lighting >30 Lux.
- For an external switch: remove the jumper between terminals 1 and 2 (Pic3), and slide the switch (Pic4) to the wall switch position. The external switch connections must be fully isolated from any other circuitry.

Photo Sensor Operation



External Switch Operation

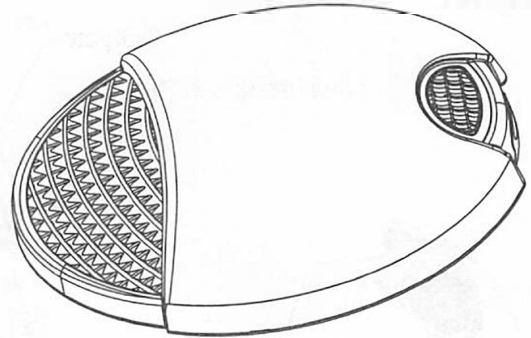


INSTALLATION INSTRUCTIONS FOR EXPANDED TEMPERATURE MODEL

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

1. To avoid the possibility of electric shock, turn off power supply before installation or servicing.
2. Review the diagrams thoroughly before installation.
3. All electrical connections must be in accordance with the NEC and local codes. A qualified electrician should do all the work.
4. Do not let power supply cords touch hot surfaces.
5. Do not mount near gas or electric heaters.
6. Equipment should be mounted in locations where it will not be readily subject to tampering by unauthorized personnel.
7. The use of accessory equipment not recommended by the original manufacturer may cause an unsafe condition.
8. Do not use this equipment for other than intended use.
9. All servicing should be performed by qualified personnel only.



SAVE THESE INSTRUCTIONS!

NOTE: Allow battery to charge for 24 hours before first use.

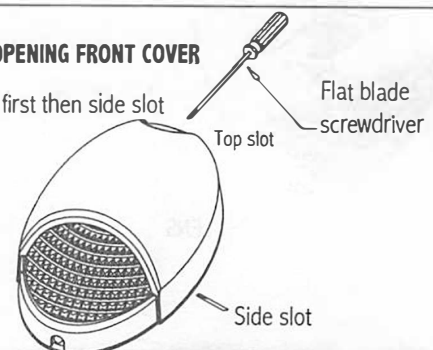
ELECTRICAL CONNECTIONS

1. Verify the power is off before installation.
2. Connect ground (Green) lead to suitable ground.
3. Connect fixture Neutral (White) lead to supply neutral (White) lead.
4. Determine supply voltage for fixture. Connect hot lead (Black for 120V or Red or Orange for 277V) to supply hot lead. Cap unused fixture lead with wire nut.

Figure 1

OPENING FRONT COVER

Open from top slot first then side slot



NOTICE-Use flat blade screwdriver to open. Insert screwdriver in the slot (one on the top, two on the sides) and gently pry off the cover.

WALL MOUNTING

1. Separate front cover from back plate with a flat blade screwdriver. Open from top slot first and then from side slots gently. (See Figure 1)
2. Remove knock out hole in the center of the back plate. Remove knock out slots on the back plate that correspond to the size of the junction Box.
3. Feed AC supply leads through the center hole in the back plate. Then make the proper electrical connections. See electrical connections section for proper instructions. Cap off unused hot lead.
4. Mount back plate to junction box with provided #8-32×0.875" screws. (See Figure 2 or Figure 4)
5. Attach battery connector and power connector.
6. Attach front cover to back plate. (Should snap right in)
7. Supply power and test the unit.

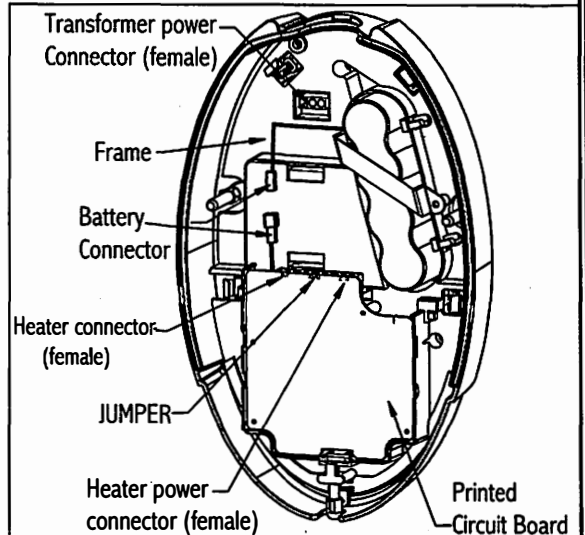
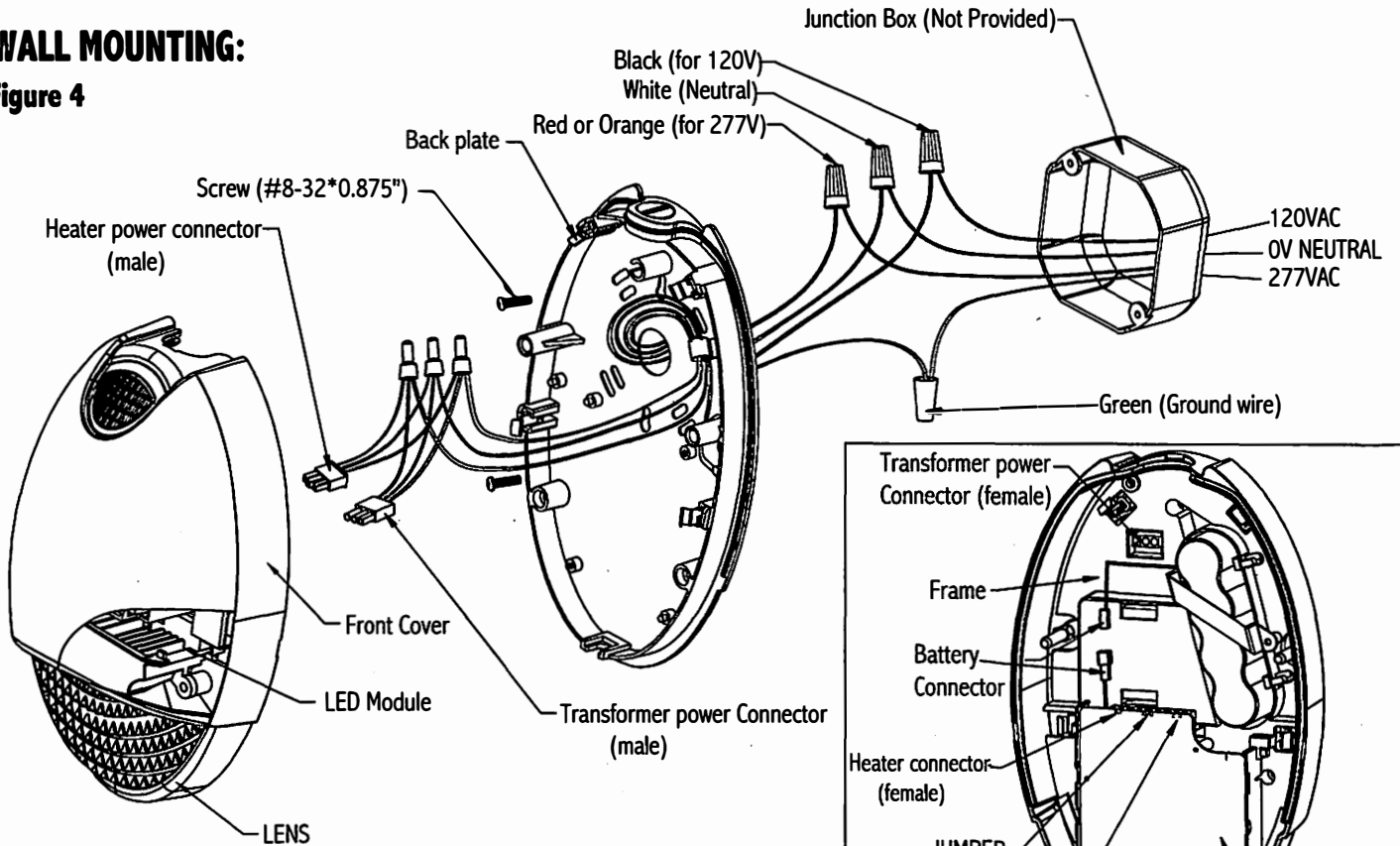
CEILING MOUNTING WITH SURFACE CONDUIT FEED

1. Separate front cover from back plate with a flat blade screwdriver. Open from top slot first and then from side slots gently. (See Figure 1)
2. Unscrew the pipe plug from top of back plate.
3. Secure back plate screw on the conduit. (See Figure 3 or Figure 5)
4. Make the proper supply lead connections. See Electrical connections section for proper instructions. Cap off unused hot lead.
5. Attach battery connector and power connector.
6. Attach front cover to back plate.
7. Supply power and test the unit.

COLD WEATHER OPTION ONLY

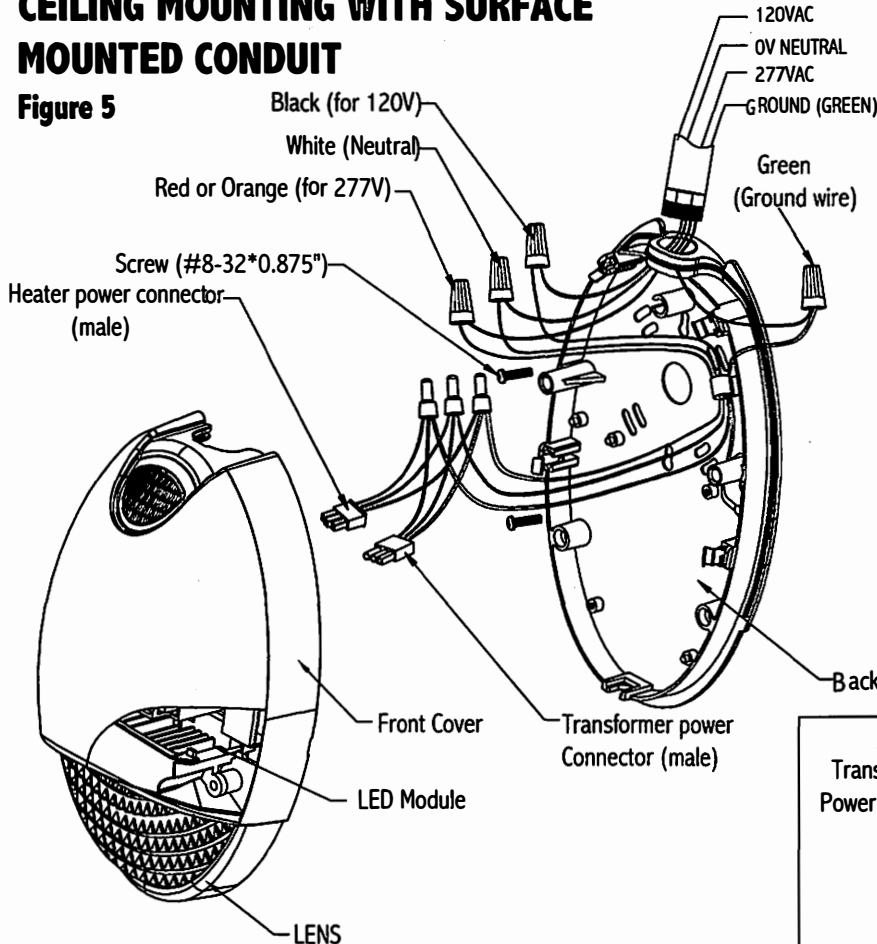
WALL MOUNTING:

Figure 4



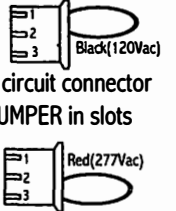
CEILING MOUNTING WITH SURFACE MOUNTED CONDUIT

Figure 5

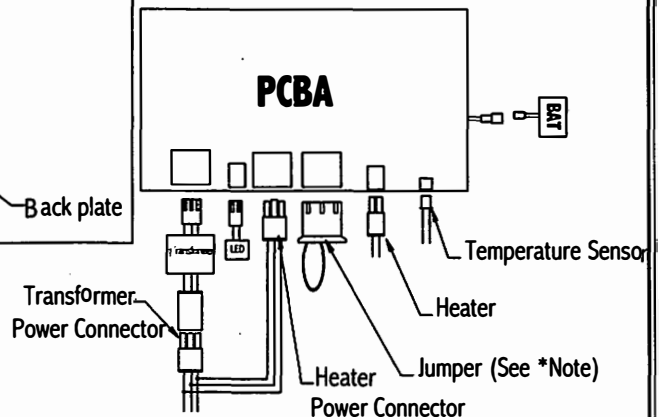


*Note :

1. 2pcs short circuit connector in the accessory bag.
2. For 120Vac input connection, short circuit connector insert in female connector marked JUMPER in slots 1 and 2.
3. For 277Vac input connection, short circuit connector insert in female connector marked JUMPER in slots 2 and 3.

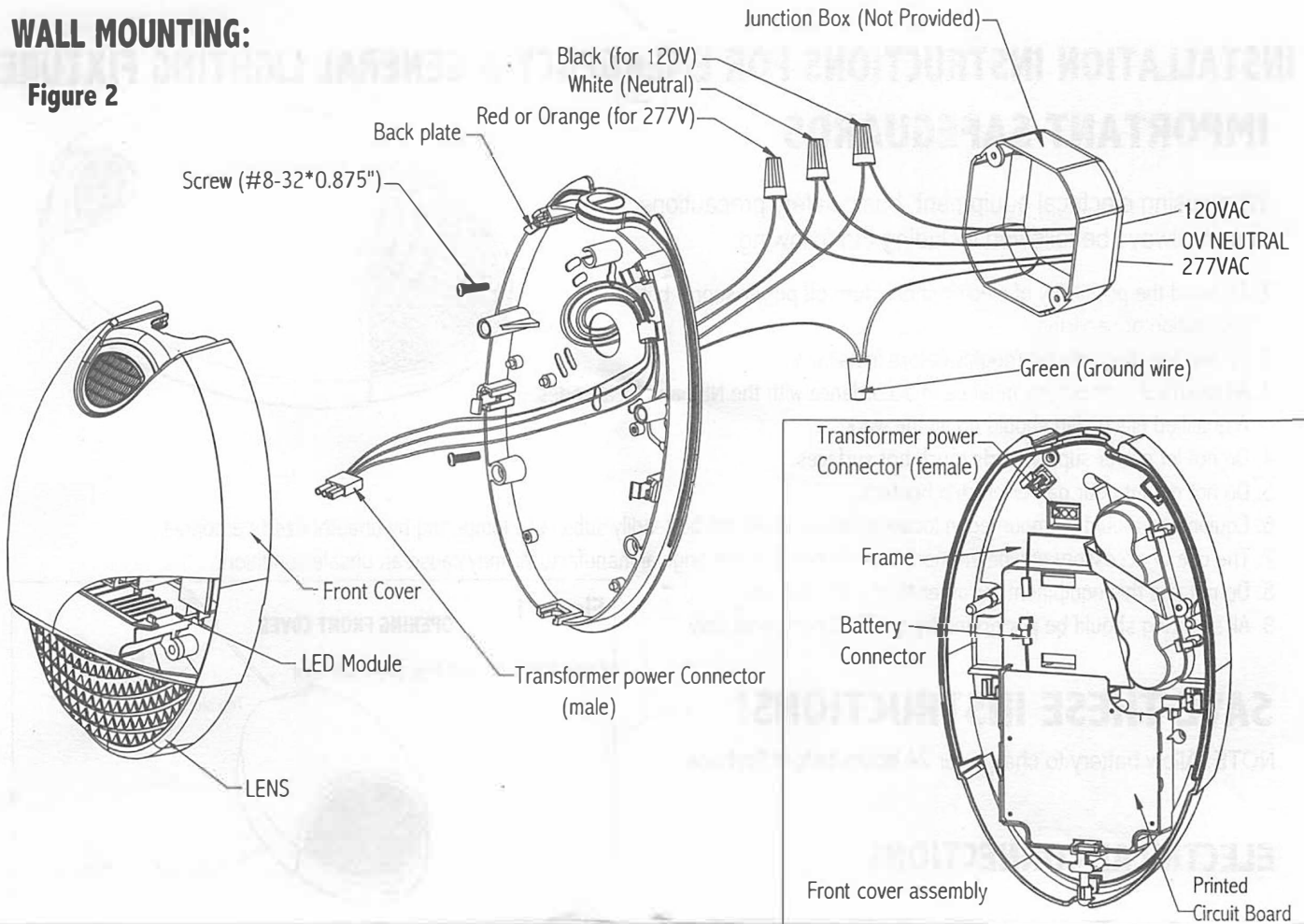


WIRING DIAGRAMS:



WALL MOUNTING:

Figure 2



CEILING MOUNTING WITH SURFACE MOUNTED CONDUIT

Figure 3

