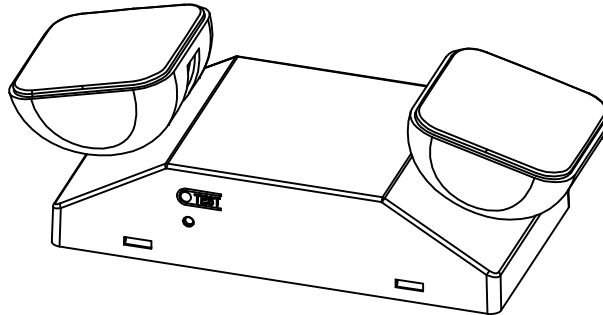# INSTALLATION INSTRUCTIONS FOR LED EMERGENCY LIGHT

IMPORTANT SAFEGUARDS
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

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

1. Disconnect power at fuse or circuit breaker before installing or servicing.
2. Do not use outdoors.
3. Do not mount in hazardous locations, or near gas or electric heaters.
4. Do not let power cords touch hot surface.
5. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
6. The use of accessory equipment not recommend by the manufacturer may cause an unsafe condition.
7. Do not use this equipment for other than intended use.
8. All servicing should be performed by a qualified personnel only.
9. Allow battery to charge for 24 hours before first use.

SAVE THESE INSTRUCTIONS

Use Flexible Conduit Only
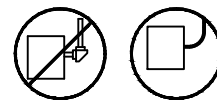
MAINTENANCE

None required. Replace the batteries as needed according to ambient conditions. However, we recommend that the equipment be tested regularly in accordance with local codes.

OPERATION

Press the test button. The LED heads will turn on and the LED indicator will turn off. Release the test switch,LED indicator will turn on and the LED heads will turn off.

TROUBLE SHOOTING GUIDE

If LED heads or LED indicator does not illuminate, check the following:
1. Check AC supply - verify that unit has 24 hours AC supply.
2. Unit is shorted or battery is not connected.
3. Battery discharge. Permit unit to charge for 24 hours then re-test.
4. If above trouble shooting hints do not solve you problem, contact factory for assistance.

Mounting Instructions

Wall Mount-Back Power Feed (see Fig 2)

1. Use flat blade screwdriver insert the two slots and make rotation then remove front cover from back plate (see Fig 1).
2. Remove appropriate knockout in back plate and mount back plate to J-box.
3. Knockout in center of back plate and feed wires through the hole.
4. Securely backplate to J-box.
5. Connect the fixture wires to the power supply wires using the wire nuts provided. Connect the white wire to neutral. If using 120V, connect the black wire to the hot lead. If using 277V, connect the orange wire to the hot lead. Cap the unused lead. Press the wires into the J-box (Refer to Wiring diagram below).
6. Connect remote wires if this item with remote capability. Refer to below instruction for remote wires.
7. Plug battery male connector into battery female connector on PCBA.(see Fig 5).
8. Snap the front cover on the back plate.
9. Restore power and press test button. LED heads will turn on.
10. Adjust the lamp heads direction as per needs.

Wall Mount (Top Power Feed) (see Fig 3)

1. Open front cover and remove top knockout on the top flange of fixture.
2. Secure conduit (or surface raceway) to knockout and feed wires.
3. Remove keyhole knockout on back plate and mount to wall.
4. Refer to above 5 - 10 steps in Wall Mount-Back Power Feed.

Ceiling Mount -Top Power Feed (see Fig 4)

Refer to above **Wall mount-Back Power Feed** instruction.
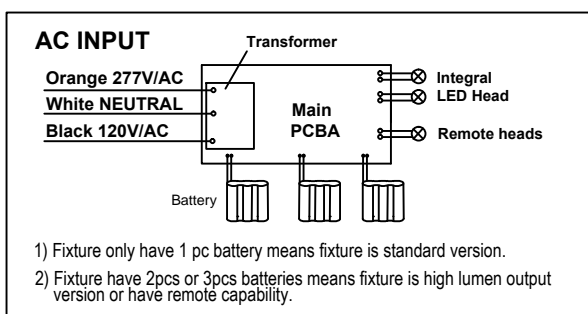Here is some differences :
Mount back plate on the ceiling surface instead of wall surface.
Feed building AC supply wire through back plate then connect to fixture power supply wires using wire nuts provided.

Connecting Remote head (opiton) (see Fig 5)

Connect extended remote head wires to remote wires using wire nut. yellow is positive(+), purple is negative(-). 3.6V 3W max. remote capability for this product.
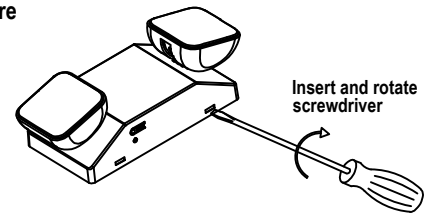
Wiring Diagram

AC INPUT
Transformer
Orange 277V/AC
White NEUTRAL
Black 120V/AC
Main PCBA
Integral LED Head
Remote heads
Battery

1) Fixture only have 1 pc battery means fixture is standard version.
2) Fixture have 2pcs or 3pcs batteries means fixture is high lumen output version or have remote capability.

Open fixture

Insert and rotate screwdriver

Fig 1

Wall mount-Back Power Feed

Quick connector
Wire nut
Mounting screw
Back plate

Fig 2

Wall mount-Top Power Feed

Pipe
Mounting screw
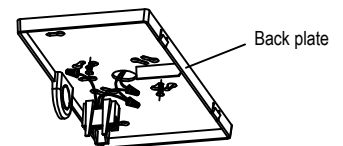Wire nut
Back plate
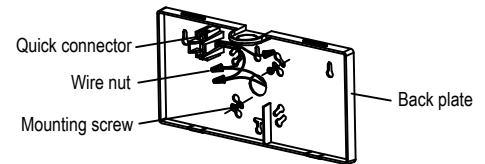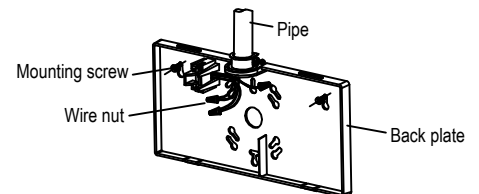
Fig 3

Ceiling mount-Top Power Feed

Back plate

Fig 4

Battery and Remote wire connection

Battery male connector
Battery female connector
Battery female connector (option)
Remote female connector (option)
Remote male connector (option)

LED PCBA
Remote male connector
Remote wire
Battery
Front cover
Wire nuts
Extended remote wire

Fig 5