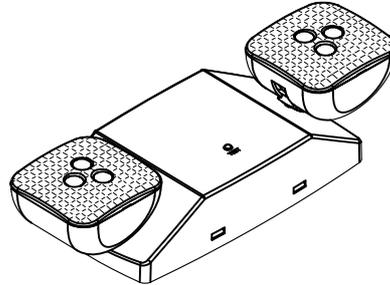




## LED EMERGENCY LIGHTING INSTALLATION INSTRUCTIONS

UNIVERSAL INPUT VOLTAGE (120-277V)

Items: EL2/LED/WH/ST



### 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. Do not use this equipment for other than intended use.
7. All servicing should be performed by a qualified personnel only.
8. After installation is finished, please charge battery for 24 hours.

## SAVE THESE INSTRUCTIONS

### MAINTENANCE

Replace the batteries as needed and we recommend that the equipment is tested regularly in accordance with local codes.

### OPERATION

Press the test button. The LED heads will turn on and the LED indicator light will turn off.  
Release the test switch so that the 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. Battery connection.
3. Discharge the battery and then charge the battery for 24 hours and retest.
4. If above trouble shooting hints do not solve the problem, contact factory for assistance.

# LED EMERGENCY LIGHTING INSTALLATION INSTRUCTIONS

## Wall Mount - Back Power Feed (see Fig 2)

1. Using flat screw driver pry off front cover from back plate (see Fig 1).
2. Remove appropriate knockout in back plate .
3. Feed wires through the hole.
4. Secure 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, connect the black wire to hot, press the wires into the J-box (Refer to Wiring diagram below).
6. Connect battery connector.(see Fig 2).
7. Snap the front cover onto the back plate.
8. Restore power and press test button. LED heads will turn on.
9. Adjust the lamp head and lens direction as per needs

Open fixture

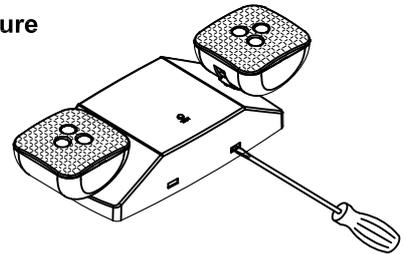


Fig 1

Wall mount-Back Power Feed

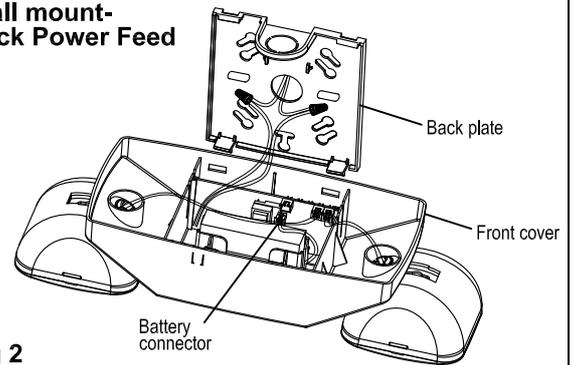


Fig 2

## Ceiling Mount (see Fig 3)

Refer to above **Wall mount-Back Power Feed** instruction.

Here are 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.

Ceiling mount-Top Power Feed

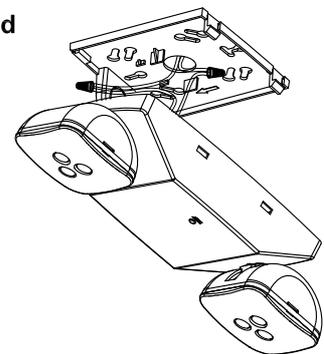
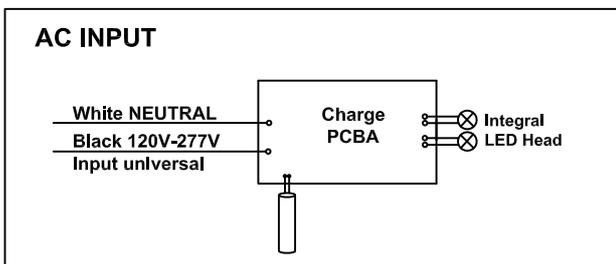


Fig 3

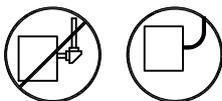
## Wall Mount - Top Power Feed (see Fig 4)

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 - 9 steps in Wall Mount-Back Power Feed.

## Wiring Diagram



**Use Flexible Conduit Only**



Wall mount-Top Power Feed

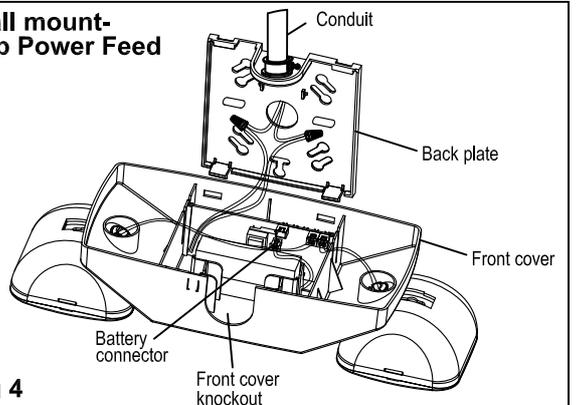


Fig 4

## Max. Mounting Height & Spacing Distance

Model	Mounting Height		Center to Center Spacing	
	Ceiling Mounting	Wall Mounting	Mounting Height 7.5Ft	Mounting Height 10Ft
EL2/LED/WH/ST	22 ft	21 ft	25 ft	24 ft

# LED EMERGENCY LIGHTING INSTALLATION INSTRUCTIONS

## SELF-DIAGNOSTICS / SELF-TEST OPTION

### SAVE THESE INSTRUCTIONS

1. When AC power is supplied to fixture, the unit will automatically initiate a self-test and self-diagnostic test as follows:

- (1) Verifies battery connection and charge board at every 5 seconds.
- (2) 1 minute self-testing every month.
- (3) 30 minutes self-testing on every 6 months after installation.
- (4) 90 minutes self-testing on every 12 months after installation.

2. Dual color LED lamp indicator shows the following status:

- (1) Green color    On / Ready  
                          blinking: Testing
- (2) Red color      (Service Alert)
- (3) Service Alert LED Code (Red color LED lamp indicator)

●	One blink, 4 second pause	Battery is not connected
● ●	Two blinks, 4 second pause	Battery voltage too low
● ● ●	Three blinks, 4 second pause	Charger board circuit failure
● ● ● ●	Four blinks, 4 second pause	Transfer function failure
● ● ● ● ●	Five blinks, 4 second pause	Integral lamp head failure

#### NOTICE

After solving the fault of emergency equipment, please press test button for 2 seconds without releasing to reset. LED indicator will show green.

3. Self-testing / self-diagnostic also have manual test function, press test button as follows:

Press test button once	30 seconds discharge test
Press test button twice within 2 seconds	3 minutes discharge test
Press test button 3 times within 2 seconds	30 minutes discharge test
Press test button 4 times within 2 seconds	90 minutes discharge test