

INSTALLATION INSTRUCTIONS FOR SLIM LED WALL PACK WITH BATTERY BACKUP OPTION

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 mount in hazardous locations, or near gas or electric heaters.
3. Do not let power cords touch hot surface.
4. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
5. The use of accessory equipment not recommend by the manufacturer may cause an unsafe condition.
6. Do not use this equipment for other than intended use.
7. All servicing should be performed by a qualified personnel only.
8. Allow battery to charge for 24 hours before first use.
9. Important: To weather-proof your fixture, be sure to seal all holes in housing (mounting, conduit, plugs, etc.) with silicone sealant. Apply sealant across the top edge to prevent water from reaching the back of the housing.

SAVE THESE INSTRUCTIONS

MAINTENANCE

Battery have to recharge if product keep in stock over 9 months, detail manual refer "BATTERY STOCK AND RECHARGE GUIDELINE". We recommend that the equipment be tested regularly in accordance with local codes. Replace the batteries as needed if discharge time do not achieve 90 minutes,

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 lamp 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.

LUMINAIRE ON / OFF CONTROL FUNCTION

There are 2 kinds of ON/OFF control function for the luminaire at normal supply :

1. Standard (default) facility, luminaire on/off control by photosensor, if ambient illumination < 10 lx luminaire turn on automatically, if illumination > 30 lx, luminaire turn off.
Photosensor facility can convert Wall switch control, refer "Wall Switch connection" (Fig 5).
2. Photosensor & PIR facility, luminaire control by photosensor & PIR, if ambient illumination < 10 lx, PIR sensor detect human move, luminaire turn on, stay on 10 minutes, PIR sensor do not detect human move, luminaire keep off.
If ambient illumination > 30 lx, luminaire keep off.

Function disable instruction

If intend to disable PIR function and keep photocell function, just need pull out PIR connector.

If intend to disable photocell function and keep PIR function, just need pull out photocell connector.

If intend to disable both PIR function and photocell function, need pull out both PIR and photocell connector, then fixture can convert to control by wall switch, refer "Wall Switch connection" (Fig 5).

Mounting Instructions

Max. mounting height 18ft

Open fixture

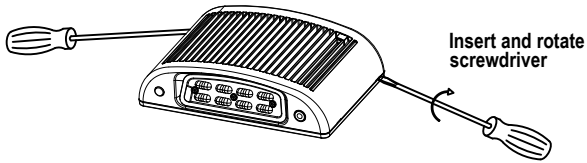


Fig 1

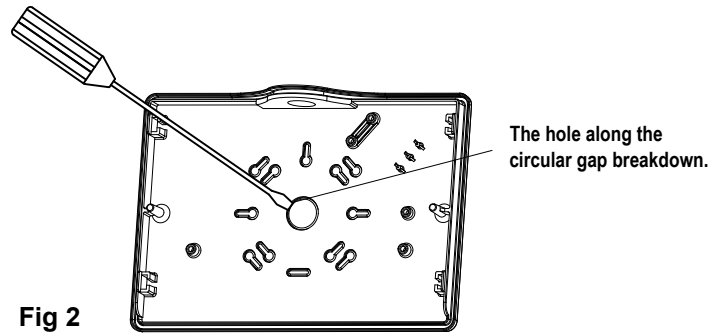


Fig 2

Black 120-277V/AC
White NEUTRAL
Green Ground

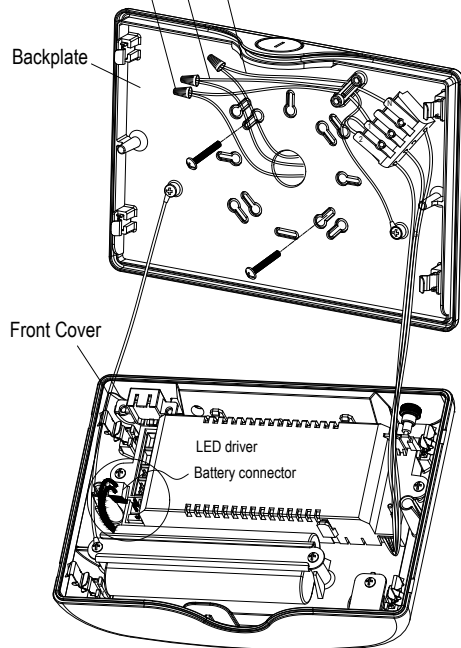


Fig 3

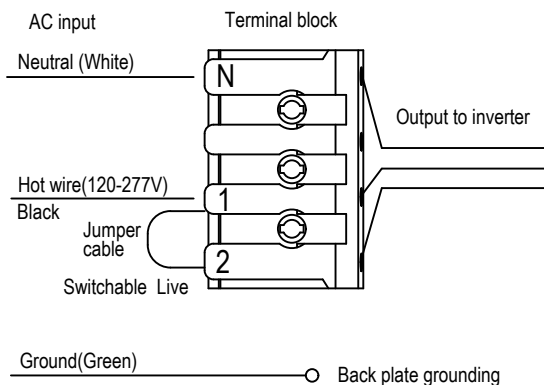
Wall Mount-Back Power Feed (see Fig 2)

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 on back plate for mounting, remove center knockout hole on back plate.
3. Feed building wires through the center hole, securely backplate to waterproof type J-box by screws provided.
4. Connect the unit wires to building power supply wires using the wire nuts provided. Connect the white wire to neutral, connect the black wire to hot lead (120-277V), feed the wires and wire nuts back into J-box through back plate (see Fig 4).
5. Plug battery male connector into battery female connector on LED driver.
6. Make correct heater pad connection if unit have heater pad option (see instruction for heater pad).
7. Snap the front cover on the back plate.
8. Restore power and press test button, LED heads will turn on.

Conduit Mounting

1. Remove NPT 1/2" pipe plug from top of unit.
2. Open unit, secure unit on conduit and feed wire into unit.
3. Reference 4-7 step for wall mounting instruction.

Wiring Diagram

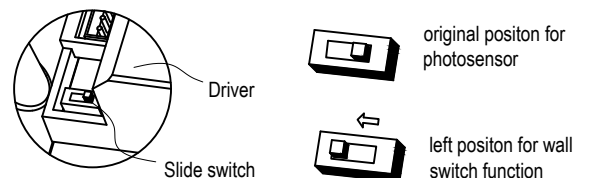


Note: If remove jumper cable from terminal block, unit will just be a emergency lighting, without general lighting function.

Fig 4

Wall Switch Connection

1. Put slide switch knob to left position, disable photosensor function.



2. Remove jumper, connect wall switch on terminal 1 and 2. If leave jumper cable on terminal block, luminaire always turn on on normal supply.

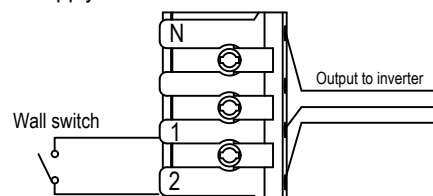


Fig 5