

PRE. INSTALLATION

- Carefully remove the fixture from the carton.
- Before beginning assembly, installation, or operation of product, make sure all parts are present. Compare parts with package contents list and diagram on previous page. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts.
- Tools required for assembly (Not Included): screwdriver, phillips screwdriver, pliers, electrical tape, wire cutters, safety glasses, ladder, wire stripper.

SAFETY INFORMATION

BE SURE THE POWER IS OFF! RISK OF ELECTRICAL SHOCK: Always use the switch to power off. The electrical system you want to connect the device to must be grounded. Read the instructions before using or powering this device. The safety instructions must remain with the unit in case of transfer. Any damage to the device linked to an inappropriate use is excluded from support by the warranty. Before connecting, make sure that the current and voltage are compatible with this device. We highly recommend that all installations are made by QUALIFIED ELECTRICIAN. We are NOT responsible in whole or part for any harm or damage that may or may not be caused. We reserve the right to revise the components of any product, due to part availability or change ETL, CUL, UL standards without assuming any obligation or liability to modify any products previously manufactured and without notice. These instructions do not cover all details of variations in equipment, nor do they provide every possible contingency to be met. Turn off / unplug power when installing or service device.

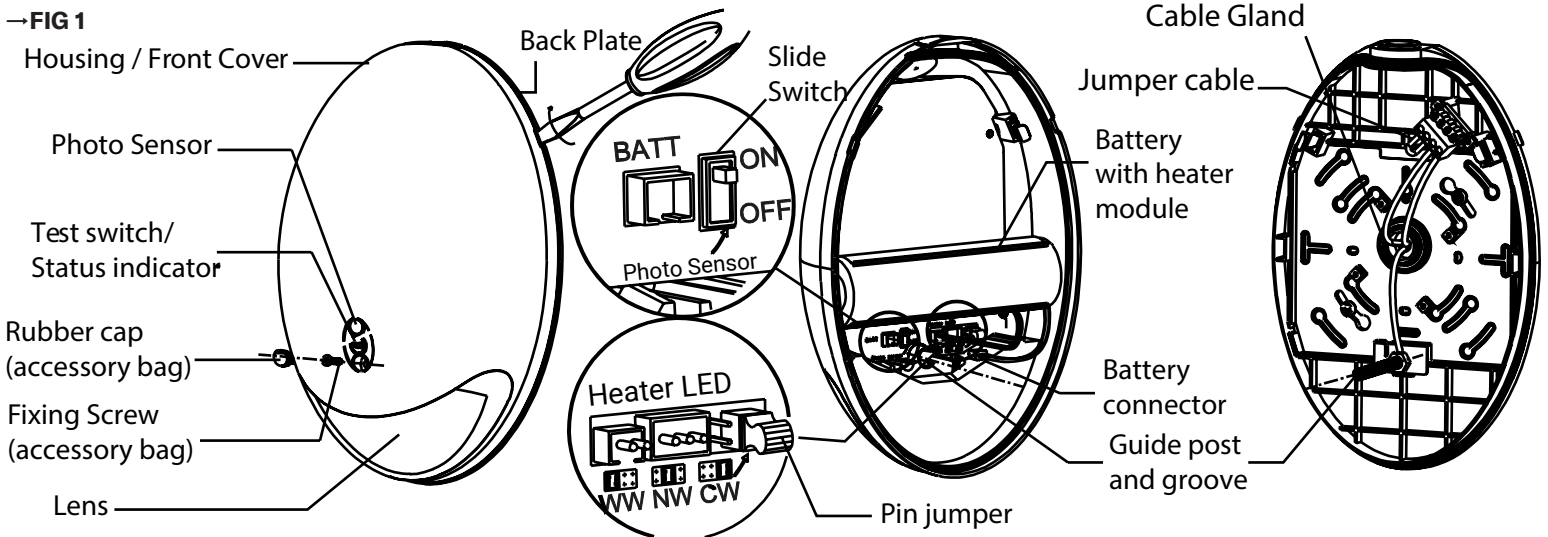
FUNCTION

- Photo sensor and wall switch functions are only available for general light mode, photo sensor function is factory's default setting. Emergency lighting has no these functions
- In photo sensor mode, if ambient luminance <10Lux, fixture will be turned on automatically, and if ambient luminance > 30Lux, fixture will be turned off.
- In wall switch mode, make a wall switch between 1 and 2
- Remove the jumper cable to get non-maintain (emergency only) function
- 4000K color temperature is factory's default position to obtain different color temperature
- -30°C ~ 50°C ambient temperature is factory's default setting
- The battery pack assembly contains the battery, heater pad and thermal protection. If necessary please contact the manufacturer to replace it. If the pack scrapping in further, please separate them

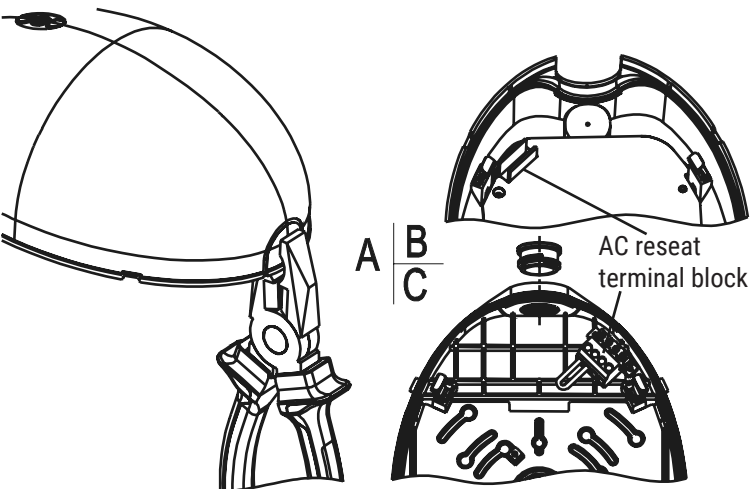
INSTALLATION

→ Before beginning installation, turn off the circuit breaker

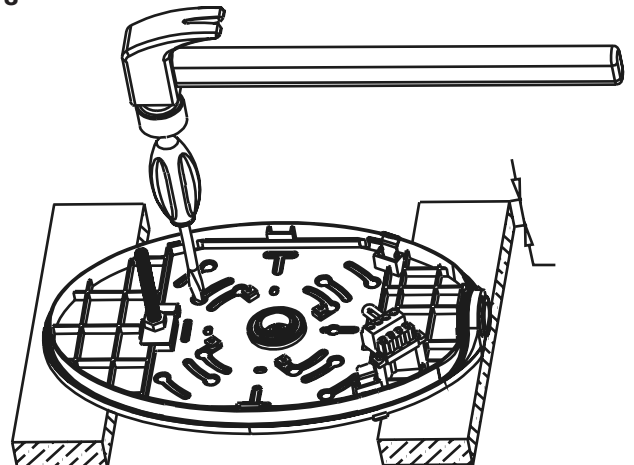
→ FIG 1



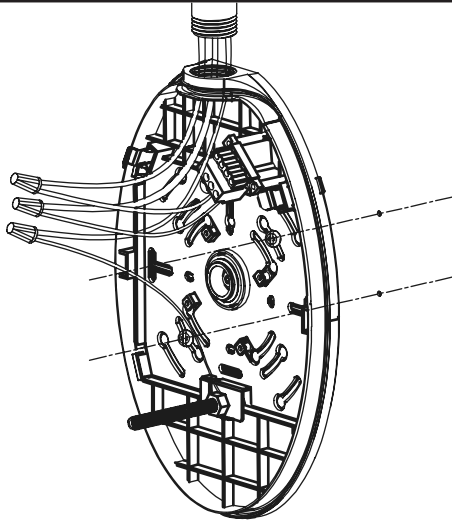
→ FIG 2



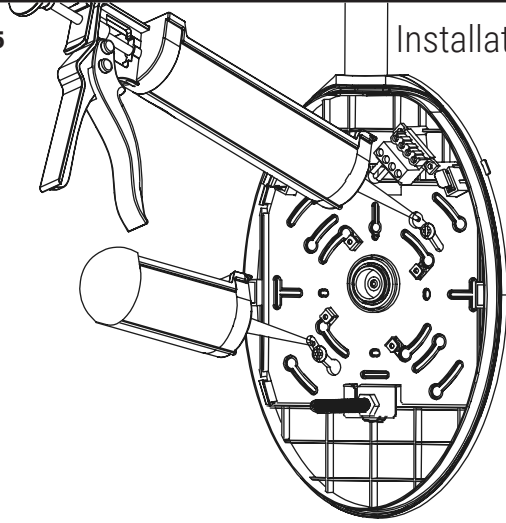
→ FIG 3



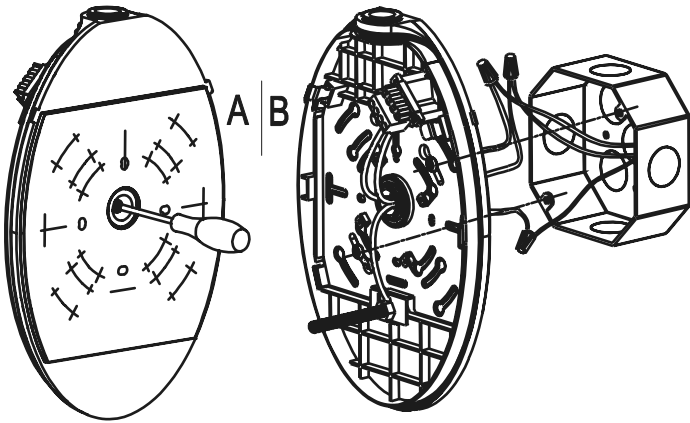
→FIG 4



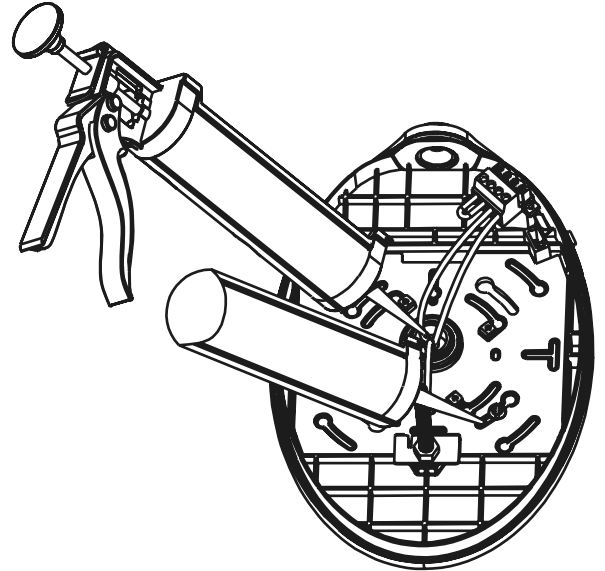
→FIG 5



→FIG 6



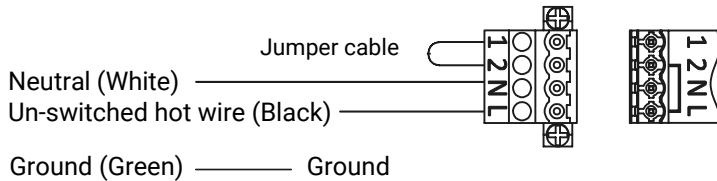
→FIG 7



Wiring diagram for general light auto turn/off by photo sensor



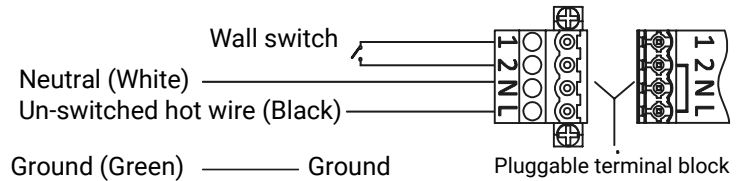
Refer to wiring details as below diagram, slide switch must be original position (factory default setting) to utilize photo sensor



Wiring diagram for general light with wall switch



Toggle slide switch down to bypass the photo sensor, remove jumper cable, connect wall switch to terminal 1 and 2, terminal 1 is hot switched wire, terminal 2 is hot un-switched wire same as L



PROBLEM	POSSIBLE CAUSE	SOLUTION	CARE & MAINTENANCE
Light will not come on	A. Light switch is turned off. B. Fuse is blown or circuit breaker is turned off. C. Incorrect circuit wiring	A. Turn light switch on B. Replace fuse or turn circuit breaker on C. Verify that fixture is wired properly	CAUTION: Before attempting to clean the fixture, disconnect the power to the fixture by turning the breaker off or removing the fuse from the fuse box. This LED light fixture is made from quality materials that will last many years with minimum care and maintenance. You may want to clean the fixture with a soft cloth periodically. To maintain the best appearance of the fixture, do not use cleaners with chemicals, solvents or harsh abrasives. Do not use liquid cleaner on the LEDs, LED driver, or wiring inside the light fixture.

WALL MOUNT CONDUIT

—Before beginning installation, turn off the circuit breaker

1. Use flat blade screwdriver insert the two slots and make rotation then remove front cover from back plate. (Fig 1)
2. Take off the conduit knockout with pliers and remove burrs, pay attention not to leave any scraps inside housing. (Fig 2AB)
3. Remove top cable gland from back plate (Fig 2C)
4. Remove appropriate screws hole on back plate (Fig 3), secure back plate to the wall. (Fig 4)
5. Feed input source wire through conduit, secure the conduit to the black plate

6. Connect the unit wires to power supply wires using the wires nuts provided. Connect the white wire to the neutral, black wire to hot lead (120-277), ground to green wire
7. Connect battery connectors, select correct color temperature and function, apply silicone sealant to all open areas (Fig 5)
8. Assemble front housing using vandal fixing screw with hexagon key (in accessory bag), then insert the rubber cap to cover the screw

WALL MOUNT FOR BACK POWER FEED

—Before beginning installation, turn off the circuit breaker

1. Use flat blade screwdriver insert the two slots and make rotation then remove front cover from back plate. (Fig 1)
2. Remove appropriate knockout on back plate. (Fig 3)
3. Use small cross screwdriver knockout the center cable gland on the back plate. (Fig 6A)
4. Feed unit wires through center cable gland, connect the unit wires to power supply wires using the wire nuts provided. Connect the white wire to neutral, black wire to hot lead (120-277), ground to green wire. (Fig 6B)
5. Secure back plate to J-box, apply silicone sealant to all open areas. (Fig 7)
6. Connect battery connectors, select correct color temperature and function.
7. Assemble front housing using fixing screw (in accessory bag), then insert the rubber cap to cover the screw.

SELF-DIAGNOSTICS / SELF-TESTING OPTIONS

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

- (1) Verifies battery disconnection, charger board failure at every 4 seconds.
- (2) One-minute self-testing every month.
- (3) 90 minutes self-testing on the 12th month of the year after installation

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 ON/pause (4 seconds)	Battery is not connected
°°	Two blink ON/pause (4 seconds)	Battery is shorted or battery voltage drops below acceptable level
°°°	Three blink ON/pause (4 seconds)	Charger board circuit fault
°°°°	Four blink ON/pause (4 seconds)	Transfer function failure
°°°°°	Five blink ON/pause (4 seconds)	Emergency lamp fault

For manual test, press test button as follows:

Press test button once (within 2 sec.)	30 secs discharge test
Press test button twice (within 2 sec.)	3 mins discharge test
Press test button 3x (within 2 sec.)	30 mins discharge test
Press test button 4x (within 2 sec.)	90 mins discharge test

Caution: After solving the fault of emergency equipment, please press test button for 2 seconds then release to reset, LED indicator will show green