

signify
CHLORIDE LED
Exit
Emergency
Unit



signify CHLORIDE LED Exit Emergency Unit Installation Guide

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Signify CHLORIDE LED Exit Emergency Unit



Product Specifications

- **Product Name:** Classified CWE-N
- **Installation:** Luminaire
- **Power Supply:** Refer to luminaire label information
- **Usage:** Indoor only
- **Manufacturer:** Not specified

Product Usage Instructions

Installation:

1. Ensure all warnings and instructions are read thoroughly before installation.
2. Installation, service, and maintenance must be done by a qualified professional.
3. Turn off the power before any installation, service, or maintenance.
4. Verify the correct supply voltage before proceeding.
5. Make electrical and ground connections as per the National Electrical Code.

Operation:

1. Avoid direct eye exposure to the light source while it is on.
2. Allow LED/lamp & lens to cool before handling.
3. Do not exceed the maximum wattage marked on the luminaire label.
4. Follow all manufacturer's recommendations and restrictions for driver type, burning position, and mounting locations.

Maintenance:

1. Maintenance should be carried out by individuals familiar with the product's construction and operation.
2. Wear gloves and safety glasses during maintenance tasks.
3. Avoid touching electrical components directly to prevent ESD damage.

WARNINGS AND INSTRUCTIONS FOR LUMINAIRES

IMPORTANT: FOR YOUR PROTECTION, YOU MUST CAREFULLY READ ALL WARNINGS AND INSTRUCTIONS IN THEIR ENTIRETY BEFORE INSTALLATION, OPERATION, SERVICE, OR MAINTENANCE. FAILURE TO DO SO CAN RESULT IN DEATH, PERSONAL INJURY, AND PROPERTY DAMAGE. If you do not understand these warnings and instructions, or if additional information is desired, please contact the Customer Care Call Center at 800-555-0050.

- Installation, service, and maintenance of luminaires must be performed by a qualified professional and by all federal, state, and local laws, regulations, and electrical codes. This professional should be familiar with the construction and operation of this product and any hazards involved. If not qualified, do not attempt installation, service, or maintenance.
- To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts, abrasions, and other hazards, please read all warnings and instructions included with the luminaire, on the luminaire's packaging, and affixed to the luminaire itself.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaire's construction and operation and any hazards involved.

WARNING

RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY

- Disconnect or turn off power before attempting any installation, service, or maintenance.
- Verify that the supply voltage is correct by referencing the luminaire label information.
- Make all electrical and ground connections by the National Electrical Code (NEC) and any other applicable laws, regulations, or codes.
- All wiring connections should be capped with UL-approved wire connectors.

WARNING

RISK OF PERSONAL INJURY

- Keep combustible materials away from the LED/lamp & lens.
- Do not operate near persons, combustible materials, or substances affected by heat or drying.

WARNING

RISK OF PERSONAL INJURY

- Wear gloves and safety glasses at all times when removing luminaire from the carton, installing, servicing, or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.

WARNING

RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY

- Allow LED/lamp & lens to cool before handling.
- Do not touch the enclosure or the light source.
- Do not exceed the maximum wattage marked on the luminaire label.
- Follow all manufacturer's warnings, recommendations, instructions, and restrictions for driver type, burning

position, mounting locations, and replacement.

CAUTION

RISK OF PRODUCT DAMAGE

- Never connect luminaires and/or components under load with the supply voltage turned on.
- Do not mount or support these luminaires in a manner that can cut the outer jacket or damage wire insulation.
- Do not restrict fixture ventilation. Allow for some volume of airspace around the luminaire. Avoid covering the luminaire with insulation, foam, or other material that will prevent convection or conduction cooling.
- Do not exceed luminaire maximum ambient temperature.
- Do not modify the luminaire.
- Only use the luminaire in its intended application and location.
- LED products are polarity sensitive. Ensure proper polarity before installation.
- Electrostatic Discharge (ESD) can damage an LED. Personal grounding equipment must be worn during all installation and servicing of the luminaire.
- Do not touch individual electrical components, as this can cause ESD, shorten LED life, or impact LED performance.

Some components inside the luminaire may not be serviceable. In the unlikely event, your luminaire may require service, stop using it immediately and contact the Customer Care Call Center at 800-555-0050.

- Always read the luminaire's complete installation instructions before installation for any additional luminaire-specific warnings.
- In the case of HID or Fluorescent luminaires, regular re-lamping is required to keep the luminaire operating within safe limits.
- Do not install damaged products. Handling and installing damaged products can potentially increase the risks mentioned. In case of damage and/or missing parts upon arrival of the luminaire, please contact the Customer Care Call Center at 800-555-0050.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired, or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, this matter should be referred to the Customer Care Call Center at 800-555-0050.
- Please see the luminaire-specific Installation and Maintenance Instructions for additional warnings or any applicable FCC or regulatory statements. Failure to follow any of these instructions could void luminaire warranties.

Luminaire Maintenance

- Regular luminaire maintenance programs are recommended.
- It is recommended to clean the outside of the luminaire and the refractor/lens.
- Frequency of cleaning will depend on ambient dirt level and minimum light output, which is acceptable to the user.
- If clean water is not sufficient for cleaning, use a neutral, synthetic, non-scratching, and non-abrasive cleaning substance.
- Never use alkaline and/or acidic cleaning substances.
- Make sure that the cleaning substance is carefully removed by rinsing with lots of clean water.

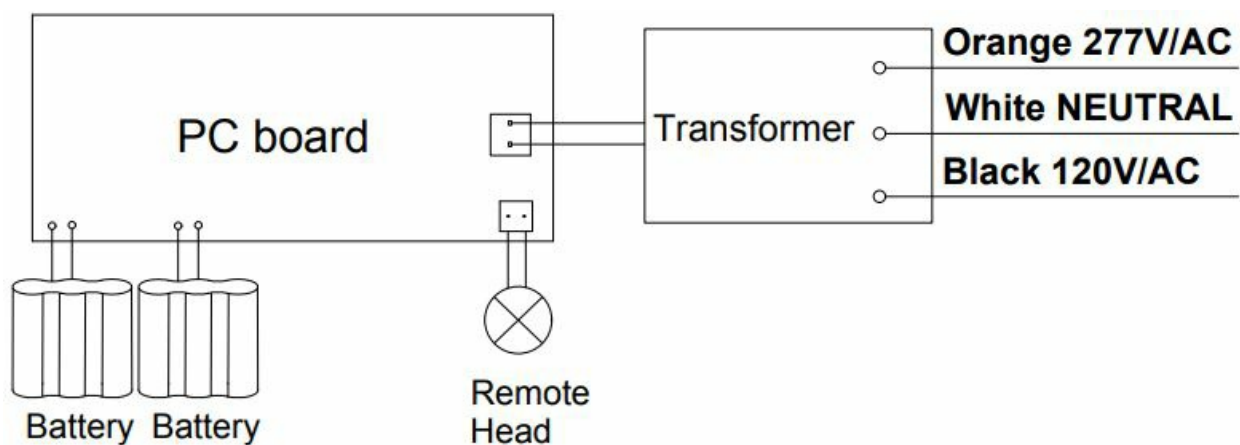
- Signify recommends using a cleaning solution that has a PH between 5 and 8.
- Recycle: For information on how to recycle electronic products and components, please visit www.epa.gov.

NOTE: This equipment has been tested and found to comply with the limits for a Class digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Mounting Instructions

Wiring diagram



- 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.

Wall Mounting

1. Open the front cover with a screwdriver (see Fig. 1).
2. Knock out center and appropriate mounting screw holes on the back plate, paste gasket on back of back plate.
3. Feed building power supply wires through the center hole, fix back plate to waterproof type junction box by screws.
4. Make correct electrical connections inside of fixture according wiring diagram.
5. Push excess wires into the junction box.
6. Attach the battery connector to the PC board.
7. Snap the chevron to the EXIT panel if required, and restore the NT panel on the T.

Open front cover



Fig 1

Wall mount

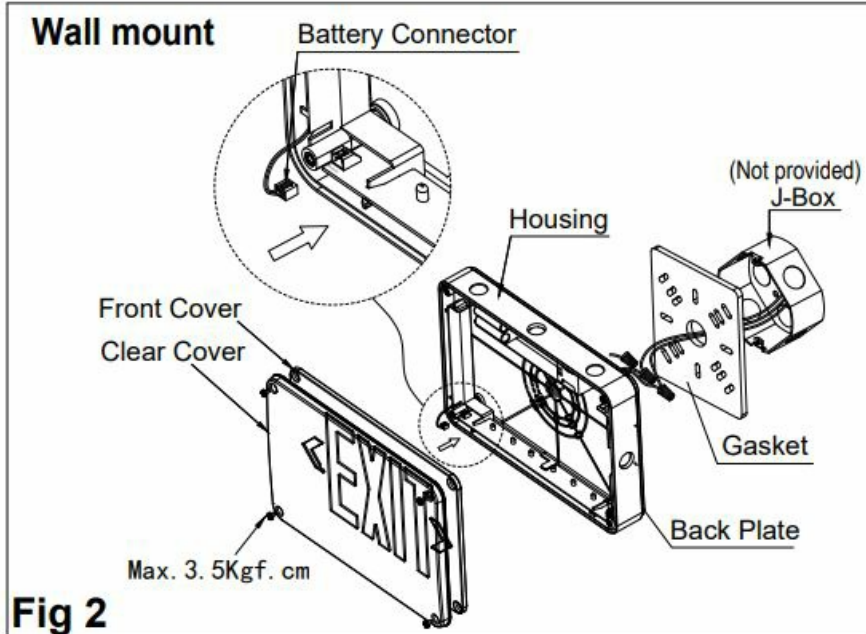
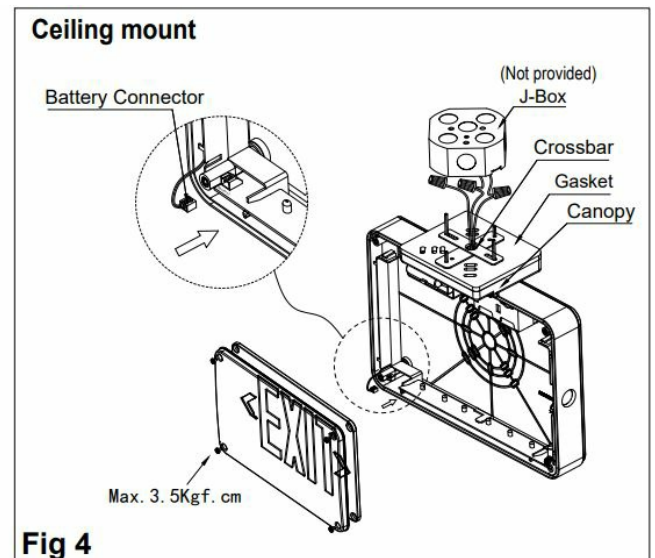
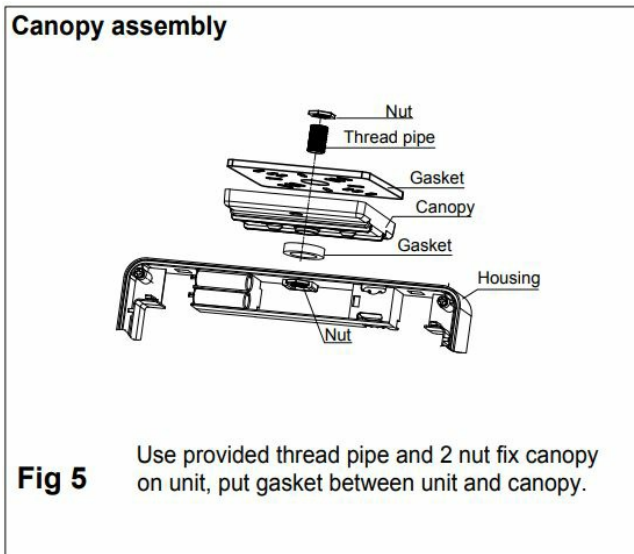
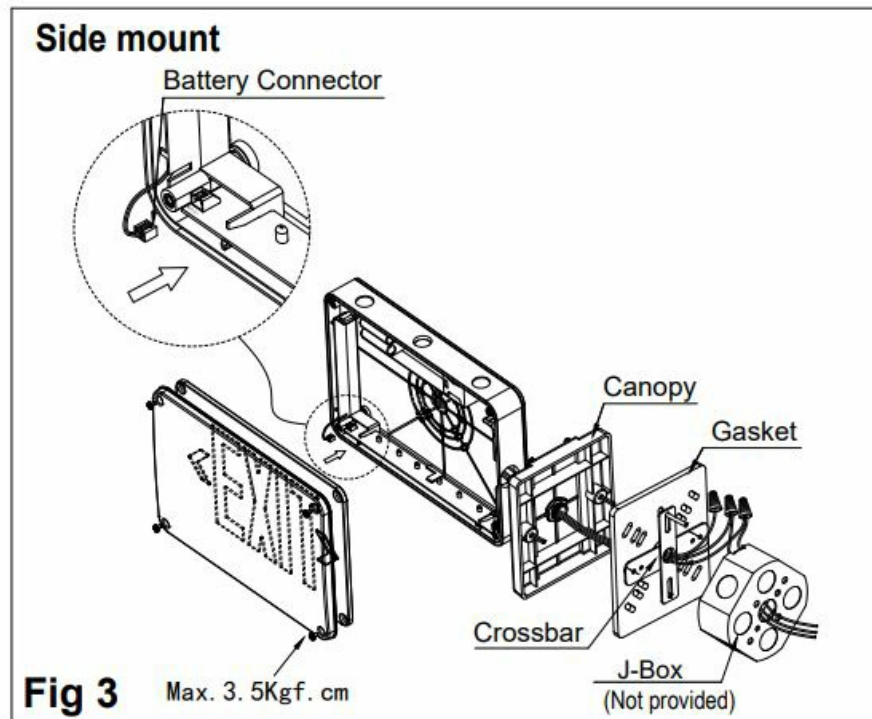


Fig 2

Side /Ceiling Mounting(see Fig 3/4)

1. Attach crossbar to junction box, set the crossbar so that the longer blade is touching the waterproof-type junction box.
2. Open the front cover with a screwdriver.
3. If the double face is desired, replace the ace plate with the additional face plate provided.
4. Knock out the mounting hole on the top or side of the unit, assemble the canopy on the unit (see Fig 5).
5. Route the proper wires through the mounting hole out of the housing.
6. Make electrical connections inside the J-Box according to the wiring diagram.
7. Fasten crossbar on J-box by screws provided.
8. Paste the gasket on the canopy, then fasten the canopy to the crossbar and against the wall.
9. The button to the exit panel is required.
10. Attach the battery connector to the PC board and the panel in the nut. the

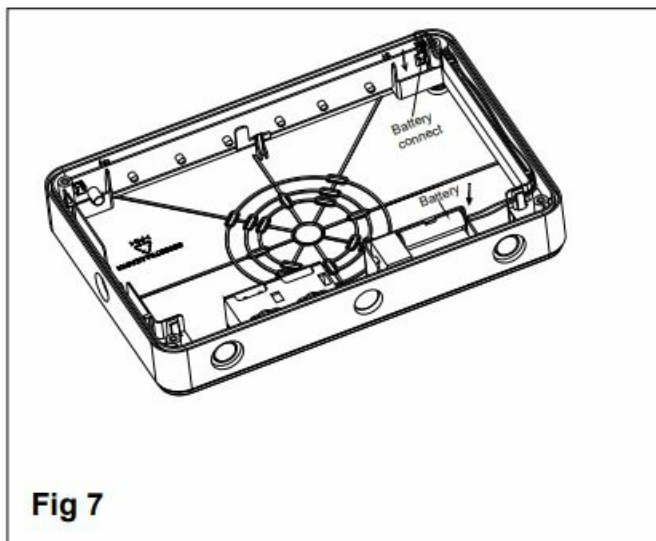
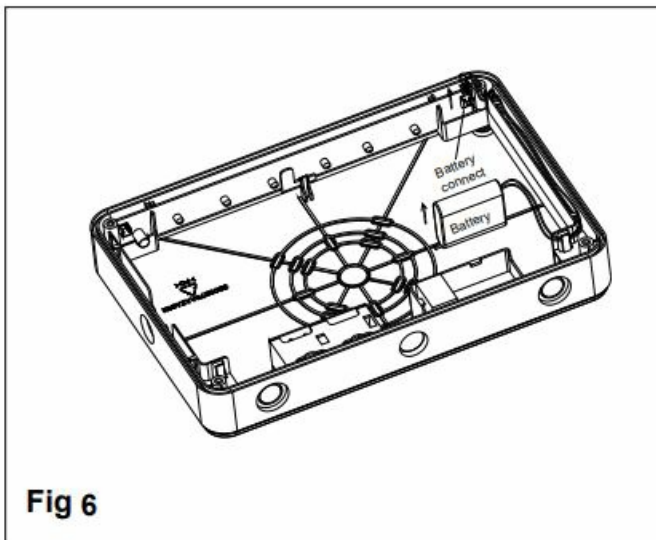


Battery Replacement Instructions

Caution:

Make sure the new battery corresponds with the model number described for this device.

1. Open the front cover with a screwdriver (see Fig. 1).
2. Disconnect the battery terminal from the PC board and remove the battery (see Fig. 6).
3. Assemble the new battery into the unit.
4. Connect the battery terminal to the PC board (see Fig. 7).
5. Restore the front cover on the unit.



SELF-DIAGNOSTICS/ SELF-TEST OPTION

1. When AC power is supplied to the fixture, the unit will automatically initiate a self-test and a self-diagnostic test as follows:
 1. Verifies battery disconnection, charger board failure every 5 seconds.
 2. 1 minute self-testing every month.
 3. 90 minutes of self-testing 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 not connected
● ●	Two blinks, 4 second pause	Battery failure (discharge time shortage)
● ● ●	Three blinks, 4 second pause	Charger board circuit failure
● ● ● ●	Four blinks, 4 second pause	Transfer function failure
● ● ● ● ●	Five blinks, 4 second pause	Integral lamp failure (for emergency luminaire)
● ● ● ● ● ●	Six blinks, 4 second pause	Remote heads failure (option)
● ● ● ● ● ● ●	Seven blinks, 4 second pause	LED strip failure (just for exit sign)

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 has a manual test function, press the test button as follows:

- **Press the test button once** for 30 30-second discharge test
- **Press the test button twice within 2 seconds**, 3 3-minute discharge test
- **Press the test button 3 times within 2 seconds**, 30 minutes discharge test
- **Press the test button 4 times within 2 seconds**, 90 minutes discharge test

ABOUT COMPANY

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FAQ

- **Can I modify the luminaire for a different application?**

No, do not modify the luminaire. Only use it in its intended application and location to prevent damage or hazards.


- **How should I handle the luminaire during maintenance?**

Wear gloves and safety glasses at all times when handling the luminaire to prevent personal injury.

- **What should I do if I encounter an issue with the product?**

Contact the Customer Care Call Center at [800-555-0050](tel:800-555-0050) for assistance and additional information.

Documents / Resources

	<p>signify CHLORIDE LED Exit Emergency Unit [pdf] Installation Guide CWE-Series-N, CHLORIDE LED Exit Emergency Unit, LED Exit Emergency Unit, Exit Emergency Unit, Emergency Unit</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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