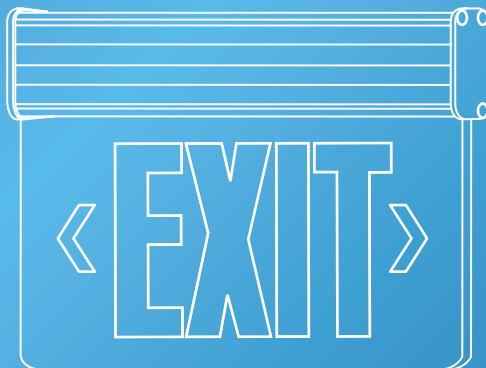


Sunco

Lighting made better.

User Manual
**LED Single / Double
Face Edge-Lit
Exit Sign**

SKU: EX_EL_SF-RED
EX_EL_SF-GRN
EX_EL_DF-RED
EX_EL_DF-GRN



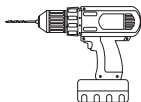
What's in the Box?

Exit Sign



*Let there be light!
(literally)*

Get Your Gear (Not Included)



Drill



Pliers



Screwdriver



Ladder

IMPORTANT: Prior to exit sign installation, install junction box in ceiling or wall. When re-lamping, use only lamps specified in the exit sign. Using other lamp types may result in transformer damage or unsafe conditions. The battery in this unit may not be fully charged upon unboxing. After electricity is hooked up to the unit, let the battery charge for at least 24 hours. It is then ready for normal operation. Unused wires must be capped with a wire nut.

What You Need

Components



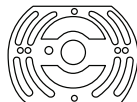
(A)

1x Exit Sign Housing + Panel



(B)

1x Canopy Mount



(C)

1x Spider Plate



(D)

1x Ground Wire



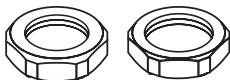
(E)

3x Wire Nuts



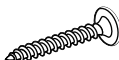
(F)

4x Mounting Screws



(G)

2x Hex Nuts (Large)
2x Hex Nuts (Small)



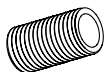
(H)

2x Self-Tapping Screws



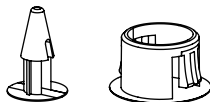
(I)

1x Lock Washer



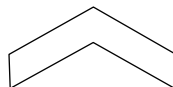
(J)

1x Threaded Nipple



(K)

2x Cover Plugs
2x Screw Cover Plugs



(L)

2x Chevron Directional Arrows

Before You Start

Safety Information

- Turn off circuit breaker before installing this fixture.
- Suitable for use in damp environments at temperatures ranging from 32°F to 104°F. Not for use where directly exposed to water.
- Not compatible with photo controls.
- Not compatible with occupancy sensors.
- Not compatible with 3rd party sensors.
- Not compatible with dimmers.
- Not compatible with timing devices.
- All electrical connections must be in accordance with local and National Electric Code (N.E.C.) standards.
- Please review installation manual carefully before proceeding. Consult a qualified electrician if you are unfamiliar with proper electrical wiring connections.

⚠ WARNING:

Cancer & Reproductive Harm- www.P65Warnings.ca.gov

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- 1.) This device may not cause harmful interference.

- 2.) This device must accept any interference that may cause undesired operation. Please review all instructions carefully prior to installation.

Mounting Options

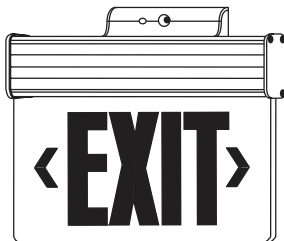
Ceiling Mount

(1)



Wall Mount

(2)

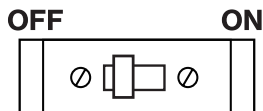


Edge Mount

(3)



Installation Guide



a. Turn off circuit breaker before installation.

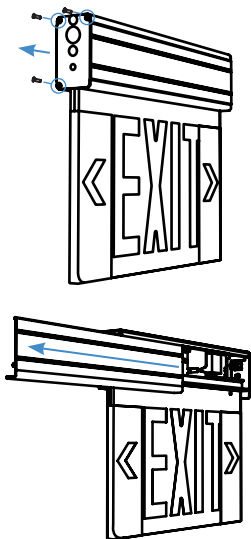
b. Determine the mounting type configuration (Mounting Options):

1. Ceiling Mount

2. Wall Mount

3. Edge Mount

Ceiling Mount



STEP 1

a. Using a Phillips screwdriver, unscrew the housing plate and set it aside.

b. Slide out the housing plate (the side that does not have removable plug covers) and set it aside.

Installation Guide (Ceiling Mount)

STEP 2

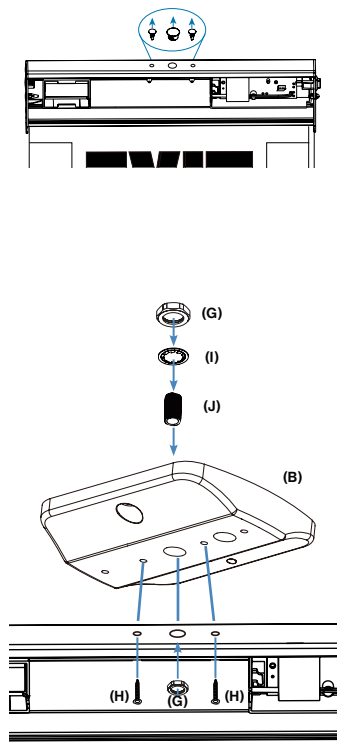
a. Remove the top mount plug covers from the exit sign.

Note: You may need to pinch the cover plugs to remove them.

b. Align the canopy mount (B) with the exit sign housing, then thread the threaded nipple (J) through the canopy mount (B) into the exit sign housing.

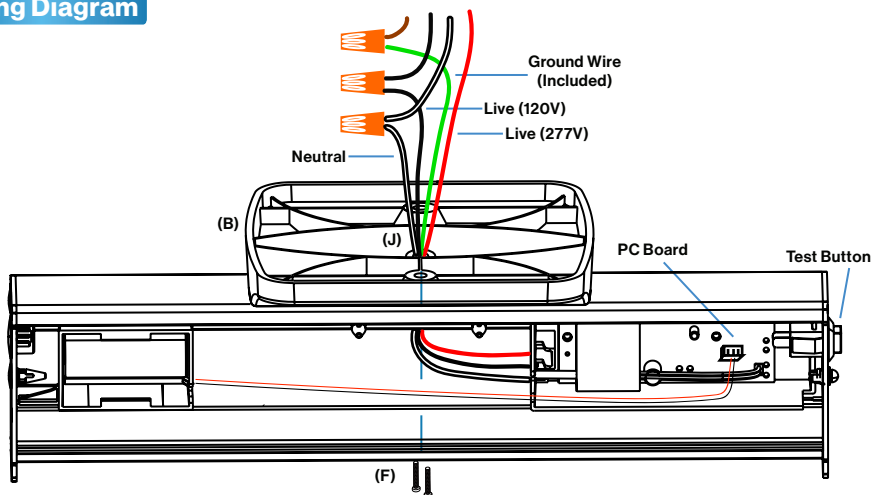
c. Insert the washer (I), then use the two large hex nuts (G) to tighten each side of the threaded nipple (J) to secure the canopy mount (B).

d. Then, screw the self-tapping screws in the area where the plug covers were removed from Step 2a.



Installation Guide (Ceiling Mount)

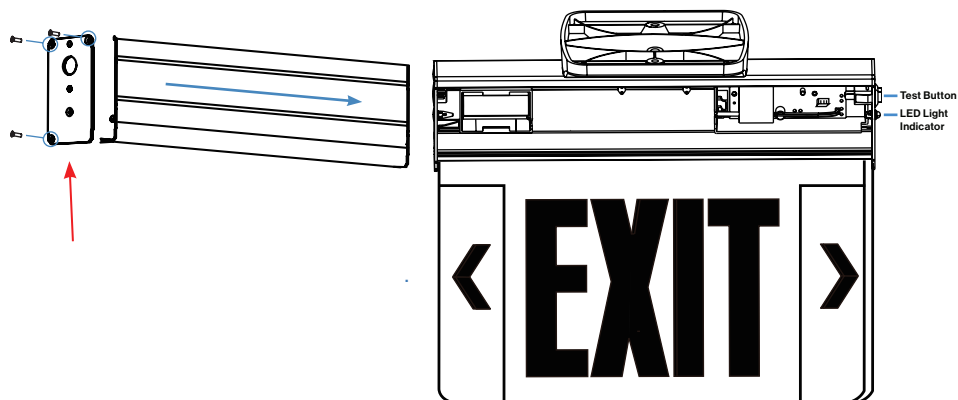
Wiring Diagram



STEP 3

- Run the luminaire wires from the threaded nipple (J), through the canopy mount (B), then feed excessive wire through the junction box.
- Install the spider plate (C) if needed.
- Connect the luminaire wires to supply wires using included wire nuts (E):
 - White to White (Neutral) • Ground Wire (included) to Bare Copper (Ground)
 - For 120V: Black to Black (Live) • For 277V: Red to Black (Live)
- Connect battery to the PC board by plugging wire into socket.
- Align two mounting screws (F) to each side of the canopy mount holes to the junction box, then install the exit sign to the junction box.

Installation Guide (Ceiling Mount)



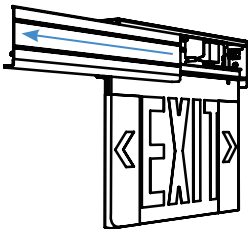
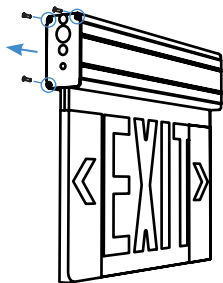
STEP 4

- Snap the housing plate back into the exit sign.
- Reinstall the housing plate (red arrow) that was removed in Step 1a.
- Use the paper template to install the chevron directional arrows (L) to the exit sign.
- Turn on the circuit breaker to test the light. The LED indicator will light up if the backup battery is connected.

Note: Battery may need 24 hours to charge before the exit sign is used for emergency purposes.

Installation Guide (Wall Mount)

Wall Mount



STEP 1

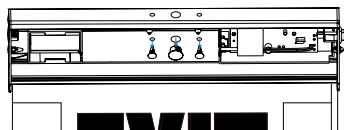
a. Using a Phillips screwdriver, unscrew the housing plate and set it aside.

b. Slide out the housing plate (the side that does not have removable plug covers) and set it aside.

Installation Guide (Wall Mount)

STEP 2

a. Remove the wall mount plug covers from the exit sign housing.

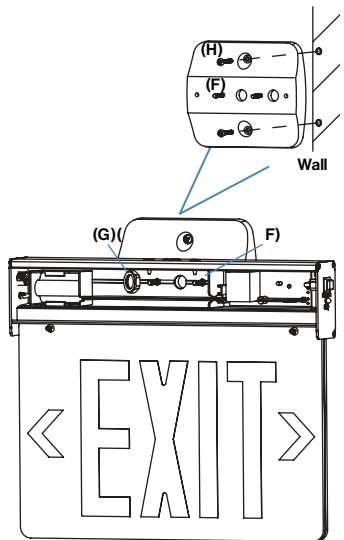


b. Install the canopy mount (B) to the junction box by aligning the mounting screws (F) to the junction box.

c. Thread the luminaire wires from the exit sign housing through the canopy mount (B) and the junction box.

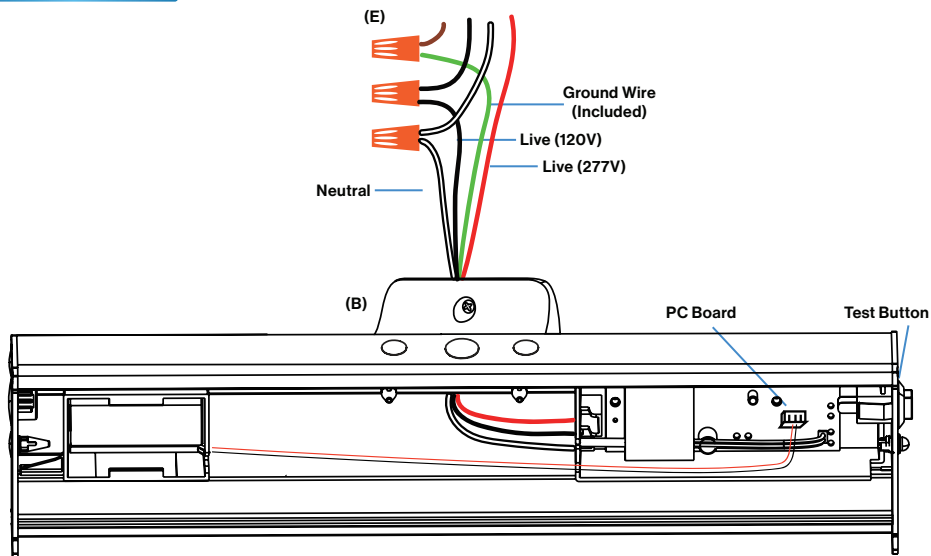
d. Install the spider plate (C) if needed.

e. Insert the self-tapping screws (H) into the canopy mount (B) to secure it to the exit sign.



Installation Guide (Wall Mount)

Wiring Diagram

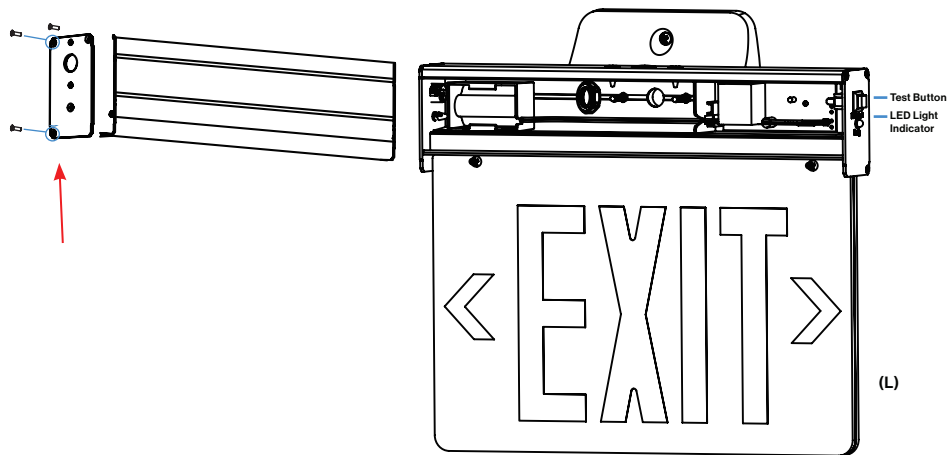


STEP 3

- Run the luminaire wires from exit sign housing through the canopy mount (B).
- Install the spider plate (C) if needed.
- Connect the luminaire wires to supply wires using included wire nuts (E):
 - White to White (Neutral) • Ground Wire (included) to Bare Copper (Ground)
 - For 120V: Black to Black (Live) • For 277V: Red to Black (Live)
- Connect battery to the PC board by plugging wire into socket.

Note: Use included cover plugs (K) to cover or replace any exposed mounting holes on the exit sign housing.

Installation Guide (Wall Mount)



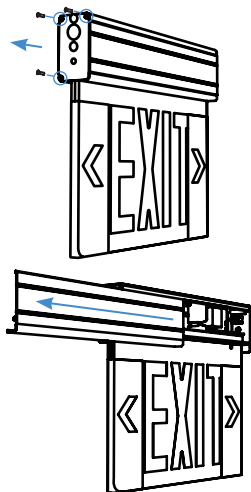
STEP 4

- Snap the housing plate back into the exit sign.
- Reinstall the housing plate (red arrow) that was removed in Step 1a.
- Use the paper template to install the chevron directional arrows (L) to the exit sign.
- Turn on the circuit breaker to test the light. The LED indicator will light up if the backup battery is connected.

Note: Battery may need 24 hours to charge before the exit sign is used for emergency purposes.

Installation Guide (Edge Mount)

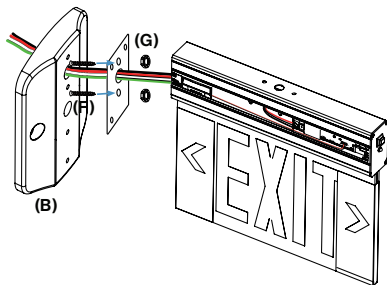
Edge Mount



STEP 1

a. Using a Phillips screwdriver, unscrew the housing plate and set it aside.

b. Slide out the housing plate (the side that doesn't have removable plug covers) and set it aside.

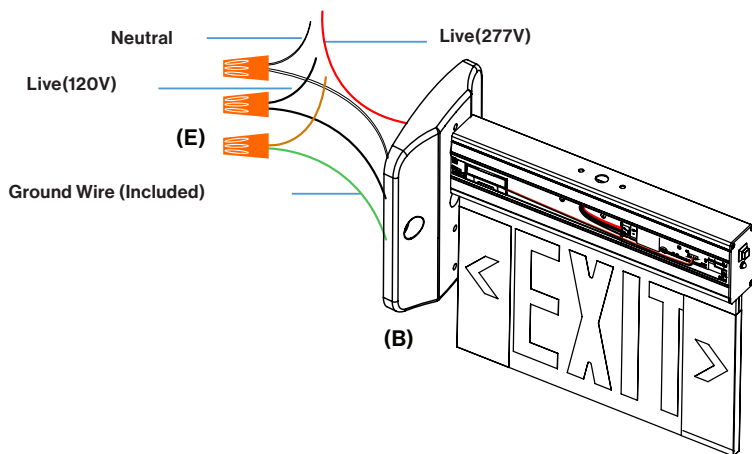


STEP 2

a. Feed luminaire wires from the housing plate mounting hole through the non-center canopy mount (B) hole.

b. Use two mounting screws (F) to install canopy mount (B) to the edge of the exit sign, then tighten with small hex nuts (G).

Installation Guide (Edge Mount)



STEP 3

- a. Run the luminaire wires from the exit sign housing through the mounting plate and the canopy mount (B).
- b. Install the spider plate (C) if needed.

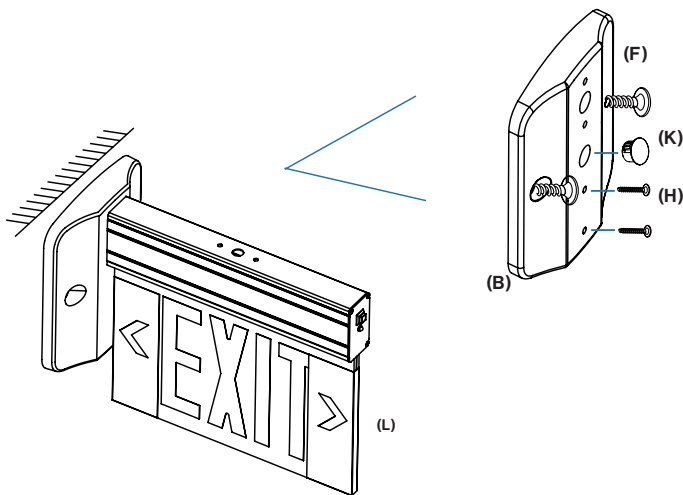
c. Connect the luminaire wires to supply wires using included wire nuts (E):

- White to White (Neutral) • Ground Wire (included) to Bare Copper (Ground)
- For 120V: Black to Black (Live) • For 277V: Red to Black (Live)

d. Connect battery to the PC board by plugging wire into socket.

Note: Use included cover plugs (K) to cover or replace any exposed mounting holes on the exit sign housing.

Installation Guide (Edge Mount)

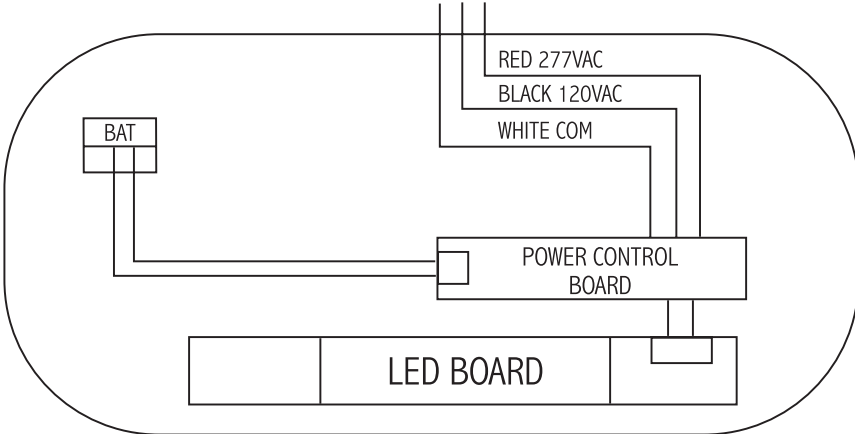


STEP 4

- Install the canopy mount (B) to the junction box using the mounting screws (F).
- Use included cover plugs (K) and self-tapping screws (H) to cover any exposed mounting holes in the exit sign.
- Install the spider plate (C) if needed.
- User paper template to install chevron directional arrows (L).

Product Details

Wiring Diagram



Specifications

Voltage	120 - 277 V	Average Lifetime	26,280 Hours
Wattage	3.5 W	Lumens	20 lm
Power Factor	0.95	IP Rating	IP20
Weight	3.53 lb	Battery	3.6 V (600 mAh Ni-Cad)
Housing Material	ALU + PMMA	Power Source	Battery
Dimmable	Non-Dimmable	Warranty	3 Years

Common Troubleshooting

Feeling in the dark about an issue with your product? No worries! Our troubleshooting section is here to shed some light and provide you with easy-to-follow solutions for any problem.

If you still need some assistance, please feel free to contact us with any questions. Our team of lighting experts are happy to help brighten your day.

Installation

Light isn't turning on.

Double check if fixture is properly connected and circuit breaker hasn't been tripped.

Light isn't bright enough.

Check proper wattage and for unobstructed fixture.

Battery

Light not lasting on a single charge.

Ensure the battery is properly connected and compatible.

Battery is not charged.

Verify the battery is securely plugged in and the supply wires are properly connected.

Test light is not working.

Ensure the battery is properly connected.

Flickering

Light is flickering when turning on.

Check that fixture wiring connections are secure.

Light flickering with other lights on the same circuit.

Check that the lights on the same circuit are not overloading the circuit.

Light flickering when turned on.

Verify fixture compatibility and that it is grounded.

Buzzing

Fixture buzzing with power outages.

Verify light is connected to surge protector securely.

Fixture buzzing with appliances or electronic devices.

Look for nearby interferences that can cause buzzing. Such as televisions, radios, computers, etc.

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Lighting made better.

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(844) 334-9938

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