

! CAUTION

- All wiring should be done by a licensed electrician in accordance with state codes, local codes, and National Electrical Code (NEC) or International Electric Commission (IEC) standards.
- Improper installation may result in serious injury and void warranty.
- Contains parts and assemblies susceptible to damage by electrostatic discharge (ESD).
- Surge protective devices should be utilized for fixtures installed in environments subject to power surges outside the specified operating parameters.

Mounting

The Wayfinder is shipped with two mounting options as standard. It can be mounted to a surface using the two tabs at either side of the fixture (see Figure 1) or to a bracket using the two tapped holes on the back of the fixture (see Figure 2). For best performance, mount with the back side of the fixture in a vertical orientation.

1. Identify the desired mounting location for fixture.
2. If mounting to a surface, use two (2) ¼ inch or 6 mm screws.
3. If mounting to a bracket, use two (2) M6 screws.
4. If EMB version, Emergency Test Button must be visible after installation without the need to move or remove any parts of the equipment.
5. If 2 hour EMB version, maximum mounting height is 8.11 feet.
6. If 6 hour EMB version, maximum mounting height is 5.00 feet.

Figure 1

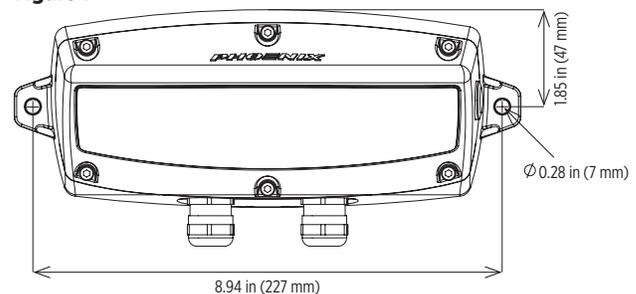


Figure 2

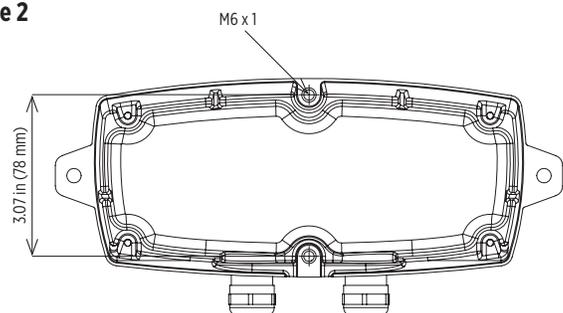
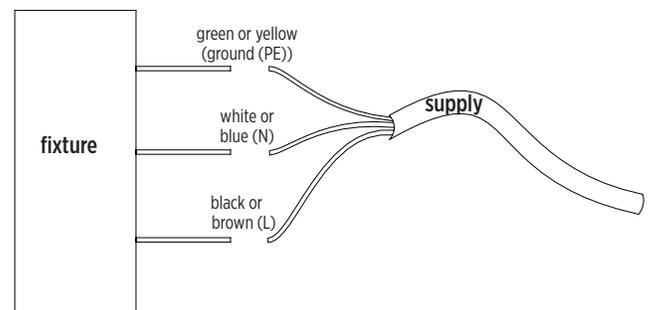


Figure 3



Wiring

If fixture is provided with a cord installed:

1. Insert cord into a waterproof junction box (not provided).
2. Connect the wires according to Figure 3 (black to line, white to neutral, green to ground).

If fixture is not provided with a cord installed: Standard Wayfinder fixtures are provided with 2 cord grips that accommodate cord diameter 5-9 mm (0.20-0.35 inch). Customer-specific models may vary, contact factory for details.

1. Remove front half of fixture by loosening the six screws. Note that these are captive screws. Do not remove completely from cover.
2. Minimum 90°C supply conductors should be used.
3. Insert power supply cord into first cord grip far enough to see cord jacket. Tighten cord grip hand tight plus ¼ turn.
4. If installing with through-wire, install second cord same as Step 2.
5. Connect wires using connectors provided according to Figure 3 (black to line, white to neutral, green to ground).
6. Reattach cover. Use caution not to pinch wires between the two halves of the fixture.
7. Tighten screws to 20-23 lb-in (2.2 – 2.6 N-m).
8. If not installing with through-wire, insert blanking plug into unused cord grip. Tighten cord grip hand tight plus ¼ turn.



Wiring (EMB)

If fixture is provided with a cord installed:

1. Insert cord into a waterproof junction box (not provided).
2. Connect the wires according to Figure 4 (black to line, white to neutral, red to switch, green to ground).
3. Remove front half of fixture by loosening the six screws. Note that these are captive screws. Do not remove completely from cover.
4. Connect the two wires inside from the battery (see Figure 5).
5. Reattach cover. Use caution not to pinch wires between the two halves of the fixture.
6. Tighten screws to 20-23 lb-in (2.2-2.6 N-m).

If fixture is not provided with a cord installed: Standard Wayfinder fixtures are provided with 2 cord grips that accommodate cord diameter 5-9 mm (0.20-0.35 in). Customer-specific models may vary, contact factory for details.

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4. If installing with through-wire, install second cord same as Step 2.
5. Connect wires using connectors provided according to Figure 4 (black to line, white to neutral, red to switch, green to ground).
6. Connect the two wires inside from the battery (see Figure 5).
7. Reattach cover. Use caution not to pinch wires between the two halves of the fixture.
8. Tighten screws to 20-23 lb-in (2.2 – 2.6 N-m).
9. If not installing with through-wire, insert blanking plug into unused cord grip. Tighten cord grip hand tight plus ¼ turn.

! IMPORTANT EMB SAFEGUARDS !

When using electrical equipment, basic safety precautions should always be followed including the following:

- READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
- Do not mount near gas or electric heaters.
- Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than intended use.
- All wiring should be done by a licensed electrician in accordance with state codes, local codes, and National Electrical Code (NEC) or International Electric Commission (IEC) standards.
- Improper installation may result in serious injury and void warranty.
- Contains parts and assemblies susceptible to damage by electrostatic discharge (ESD).
- Surge protective devices should be utilized for fixtures installed in environments subject to power surges outside the specified operating parameters.
- Risk of fire and burns. Do not open, crush, heat above 100C or incinerate.
- An unswitched AC power source is required (120-277 VAC, 50/60Hz).
- Do not attempt to service the battery. A sealed, no-maintenance battery is used that is not field replaceable. Contact manufacturer for information on service.
- Servicing should be performed by qualified service personnel.
- Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.

SAVE THESE INSTRUCTIONS

Figure 4

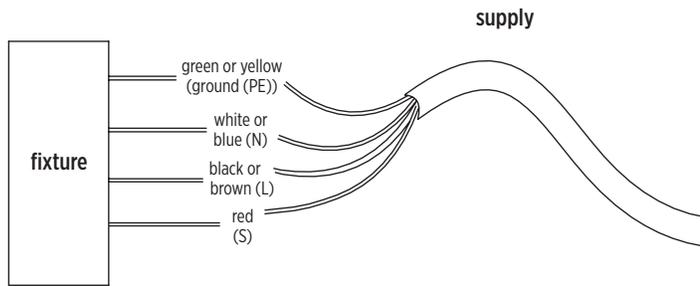
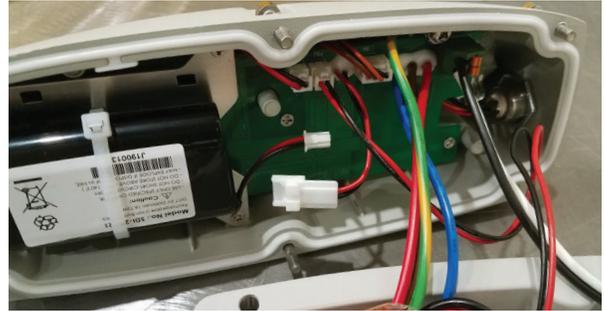


Figure 5



Suitable Operating Conditions

1. Suitable for use outdoors, Ambient Temp. 50°C max for both versions.
2. Maximum Mounting Height is 8.11 ft.

Operation

During normal operation AC power is applied, the charging indicator light is illuminated, indicating that the battery is being charged. When power fails, the emergency LED driver automatically switches to emergency power (internal battery), operating the LED load for a minimum of 2 hours (6 hours for 6-hour version). When AC power is restored, the emergency driver returns to the charging mode.

Maintenance

Periodic maintenance and cleaning are required to keep light fixture in peak operating condition. Buildup of dirt and/or debris on fixture will diminish performance, lead to premature failure and void warranty.

1. Inspect fixture monthly for build up of dirt and debris on lens and housing. Wash fixture with clean water and a soft towel. Do not use an abrasive cleaner or chemicals as this could cause damage to the lens.
2. Inspect fasteners, verify cord grips are tight and retighten as needed. Note: Cord grips should be hand tight plus ¼ turn.
3. For fixtures fitted with an emergency battery backup, press the button on the side of the fixture. LEDs should dim to about 50% light output if system is functioning correctly.
4. Conduct a 2 hour discharge test once a year.
5. The light source of this luminaire is not replaceable. When light source reaches end of life, the whole luminaire shall be replaced.
6. The battery of this luminaire is not replaceable. When light battery reaches end of life, the whole luminaire shall be replaced.
7. If cable is damaged, service by qualified personnel.

Amp Draw

	Standard	EMB
power draw	9W	12W
current at 277V	0.03A	0.04A
current at 120V	0.08A	0.128A
weight	1.8 kg (4.0 lb)	2.3 kg (5.0 lb)

