

! 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.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- Installation between control circuit and mains should at least be basic insulation.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

Mounting

The Wayfinder™ 2 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 four 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. Suitable for mounting within 1.2 m (4 ft) of the ground.

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 four (4) 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.

Figure 1

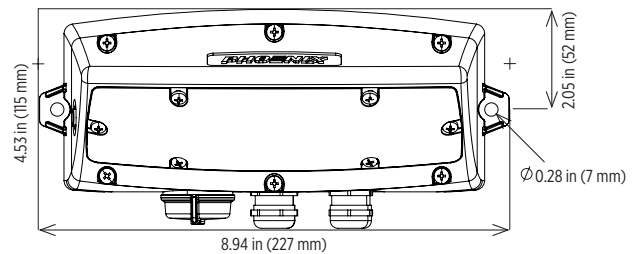
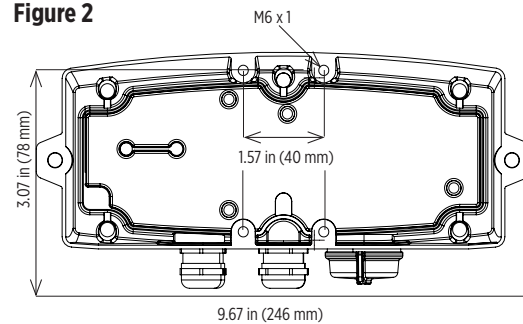


Figure 2

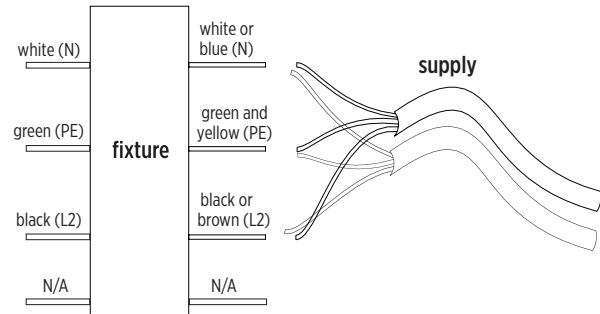


Wiring

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 (L2), white to neutral (N), green to ground (PE)).
3. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or similar qualified person in order to avoid a hazard.
4. Use SJOW, SJTOW, SOOW, SJOOW, STOW, or SOW cable for US. HO7RN-F or HO5RN-F for Europe.

Figure 3



If fixture is not provided with a cord installed, then the standard Wayfinder 2 fixture comes with 2 cord grips:

1. Remove front cover by loosening the six screws. Note that these are captive screws and should not be completely removed from cover.
2. Minimum 90°C supply conductors should be used.
3. Insert power supply cord into first cord grip far enough so you are able to see cord jacket inside fixture. Tighten cord grip to 30-35 lb-in (3.5 -4.0 N-m).
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 (L2), white to neutral (N), green to ground (PE)).
6. Reattach cover. Use caution not to pinch wires between fixture housing.
7. Tighten screws to 20-23 lb-in (2.2-2.6 N-m).
8. If not installing with through-wire, remove outside cord grip and insert M20 threaded plug (supplied) into unused cord grip hole. Tighten to 53-in-lbs (6 N-m).
9. Use supply cords of at least 16-18 AWG or HO5RN-F or having equivalent mechanical and electrical properties with a minimum cross-sectional area of 3 x 1.0 mm² (for interconnection type), the diameter of cables should be 5mm-9mm for non-interconnection type and 5mm-9mm for interconnection type. Use a wrench to make the cord grip(s) and/or threaded plug fully tightened with a torque of at least 53 in-lbs (6 N-m).
10. Maximum interconnect current: 15A

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 charging line (L2), white to neutral (N), red to switched line (L1), green to ground (PE)).
3. Remove front cover by loosening the six screws. Note that these are captive screws and should not be completely removed from cover.
4. Connect the two wires inside from the battery (see Figure 5).
5. Reattach cover. Use caution not to pinch wires between fixture housing.
6. Tighten screws to 20-23 lb-in (2.2-2.6 N-m).

If fixture is not provided with a cord installed, then standard Wayfinder 2 EMB fixtures are provided with 2 cord grips:

1. Remove front cover by loosening the six screws. Note that these are captive screws and should not be completely removed from cover.
2. Minimum 90°C supply conductors should be used.
3. Insert power supply cord into first cord grip far enough so you are able to see cord jacket inside fixture. Tighten cord grip to 30-35 lb-in (3.5 -4.0 N-m).
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 charging line (L2), white to neutral (N), red to switched line (L1), green to ground (PE)).
6. Connect the two wires inside from the battery (see Figure 5).
7. Reattach cover. Use caution not to pinch wires between the fixture housing.
8. Tighten screws to 20-23 lb-in (2.2-2.6 N-m).
9. If not installing with through-wire, remove outside cord grip and insert M20 threaded plug into unused cord grip hole. Tighten to 53 in-lbs (6 N-m).



! 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

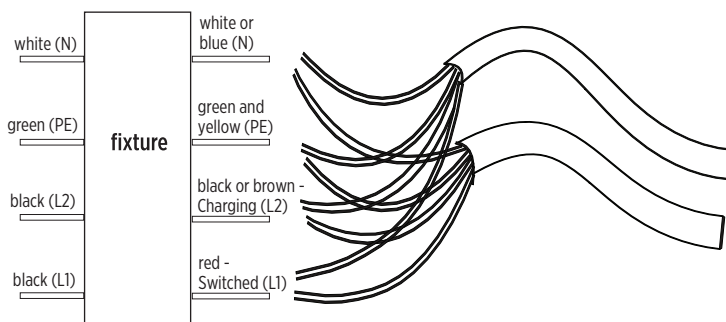
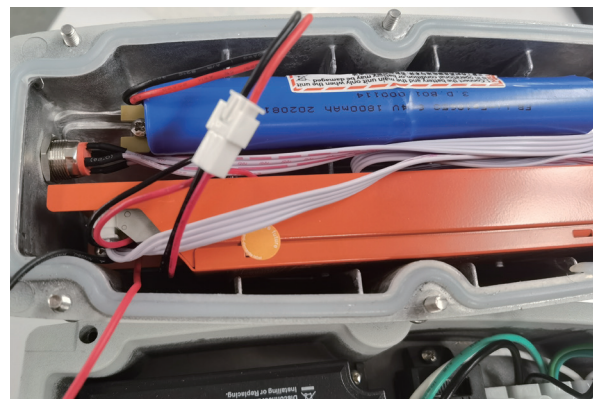


Figure 5



Suitable Operating Conditions

1. Suitable for use outdoors, ambient temp. -40°C to +50°C for standard version and 0°C to +50°C for EMB version.

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: Tighten cord grips to 30-35 lb-in (3.5 -4.0 N-m).
3. For fixtures fitted with an emergency battery backup, press the test button on the side of the fixture. LEDs should dim to about 50% light output if system is functioning correctly.
4. Conduct a full discharge test once a year.
5. LED light source can be replaced with compatible Wayfinder 2 LED PCB Kit ordered from factory.
6. The battery of this luminaire is not replaceable. When light battery reaches end of life, the whole luminaire should be replaced.
7. If cable is damaged, service by qualified personnel.

Amp Draw

	Standard	EMB
power draw	11W	13.5W
current at 277V	0.04A	0.06A
current at 120V	0.09A	0.13A
weight	1.3 kg (2.9 lb)	1.8 kg (3.5 lb)

Dimming Levels

Level	Watts (W)	Output (Lm)
(I) - 100%	11W	1300
(II) - 75%	8W	980
(III) - 50%	5.5W	670
(IV) - 25%	3W	310

FCC

Note: This equipment has been tested and found to comply with the limits for a Class A 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 in accordance with 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.

Product design and specifications are subject to change without notice.