

INSTRUCTIONS

HAZSR™ INSTALLATION



RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com



HAZSR2



HAZSR4

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

WARNING: Risk of fire or electric shock. Suitable for wet locations. Make sure power is off prior to installation.

WARNING: DO NOT let objects impact or exert force on the surface of the fixture.

HAZARDOUS LOCATIONS: Class I, Division 2, Groups A, B, C, D. ; Class II, Division I, Groups E, F, G.

CEILING MOUNT

1. Mark the **Mounting Surface** for mounting hardware locations. Recommended surface mounting distance for HAZSR2-30W & HAZSR2H-60W is 19-11/16, for HAZSR4-80W & HAZSR4H-120W is 40-15/16 (Fig.1).
2. Wiring Access Cover with captive screws on both sides is located on both sides of fixture. Open the cover with an Allen Key (Fig.2).
3. Select any of the three 3/4"NPT plugs as the interface for the cable input line. Select steel pipe or gland as needed, 5/8 chemical filler to the wire tube, and then fix the wire tube to the lamp body (*before installation confirm whether there is a suitable gasket*), Fig. 3.
4. Connect the AC cable, Green to Ground, White to Neutral, Black to Live. L is the emergency line
5. After connecting cables, tighten the Cover.
6. Tighten the screws on the mounting bracket (Fig.4).
7. Mount the fixture on the ceiling.

Fig: 1

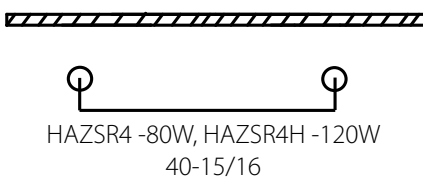
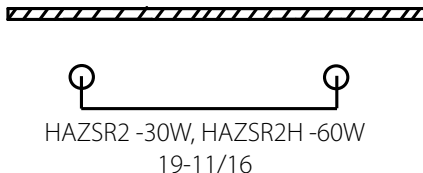


Fig: 2

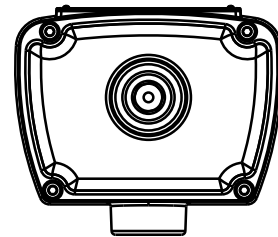


Fig: 3

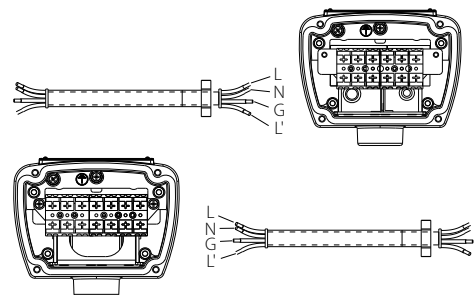


Fig: 4

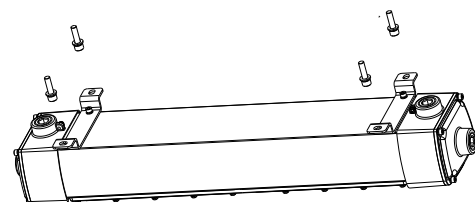
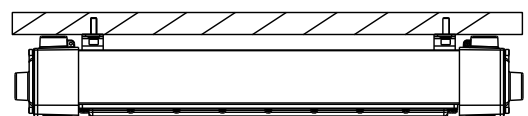


Fig: 5



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MAGNETICALLY CONTROLLED SWITCH

1. The Magnetically Control Test Switch is designed to test the emergency function. When testing is not required, the magnet is absorbed on the fixed position (see comment to absorb the magnet as shown in Fig. 6).
2. The label placed on the fixture surface body identifies the position of the Magnetic Switch.

Fig: 6

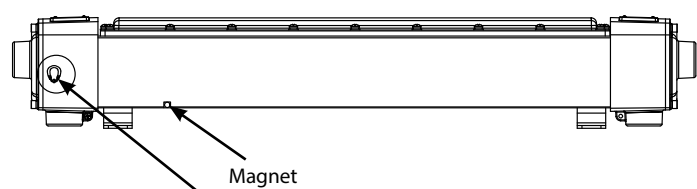
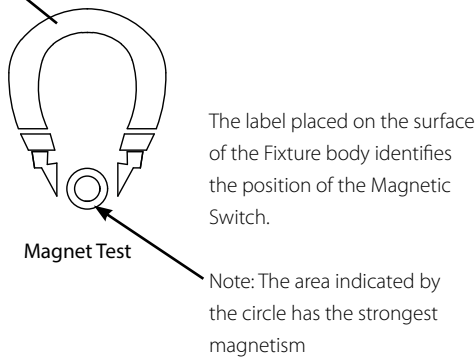


Fig: 7



Note:

1. The Magnet should be moved horizontally (the light will NOT work if the Magnet is moved vertically).
2. When the Magnet leaves the Magnetic Switch position, the distance should be kept more than 10 centimeters. Meanwhile maintain a fast speed with 1-second intervals between each movement.

Function Table of Magnetically Controlled Test Switch

Function	Operation
Emergency Function Test	In AC mains mode, when the magnet approaches / leaves magnetic switch position, the product will change between AC mains mode and emergency mode. When the magnet is close to the magnetic switch position, the product will enter emergency mode from mains mode. When the magnet leaves the magnetic switch position, the product will return to AC mains mode from emergency mode.
Turn off Emergency Output	Disconnect the AC mains power and operate the product in emergency mode three times with the magnet close to and away from the magnetic switch position: exit emergency mode and turn off Emergency output.
Monthly Test	In AC mains mode with full charge, manually enter the monthly test mode-magnet approaches and leaves the magnetic switch position 5 times. When entering the monthly test mode, the green indicator flashes at a frequency of 0.5 seconds per time for 5 itimes. After entering the monthly test mode, the green indicator flashes at a frequency of 1 second per time. The monthly test mode lasts for 30 seconds to check whether the emergency function is normal.
Annual Test	In AC mains mode with full charge, manually enter the annual test mode-magnet approaches and leaves the magnetic switch position 7 times. When entering the annual test mode, the green indicator flashes at a frequency of 0.5 seconds per time for 7 times. After entering the annual test mode, the green indicator flashes at a frequency of 1 second per time. The annual test mode lasts for 90 minutes to check whether the emergency discharge duration meets the standard (US version 90 Min).

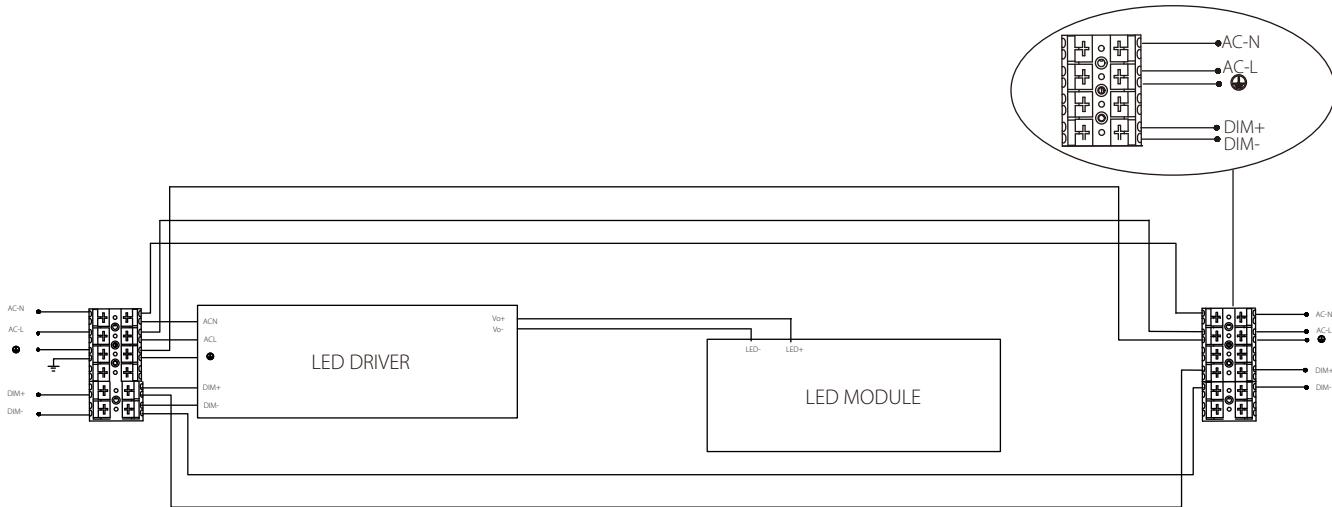
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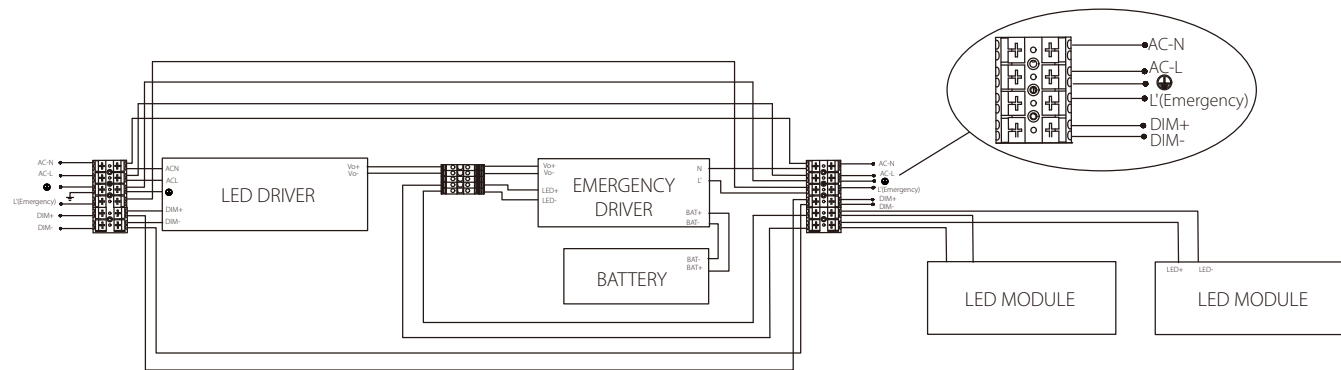


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0-10V DIMMABLE WIRING



0-10V DIMMABLE WIRING (BATTERY BACKUP MODEL)



CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean polycarbonate lens with non-abrasive glass cleaning solution.
2. Do not open the fixture to clean the LED. Do not touch the LED.
3. Do not clean any fixture surface with wood-base cleaning material such as paper towels or tissues.

TROUBLESHOOTING

1. Check that the line voltage at the fixture is correct. Refer to wiring directions
2. Is the fixture grounded properly?

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.



Easy Answers

rablighting.com
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Tech Help Line
Call our experts: 888 722-1000

e-mail
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Free Lighting Layouts
Answered online or by request