

# RHS LED EMERGENCY DRIVER

## INSTALLATION INSTRUCTIONS



**ELECTRICAL SHOCK HAZARD**

**READ, UNDERSTAND, and FOLLOW** these instructions before installing the equipment.

### WARNING

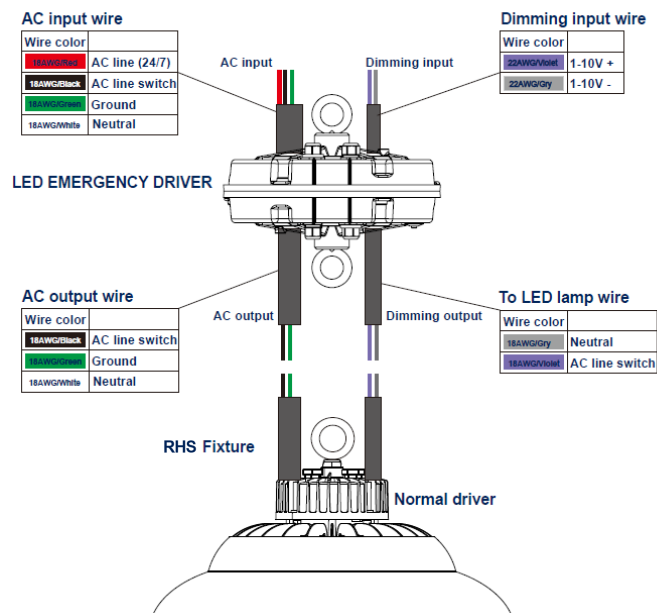
Disconnect the Electrical supply power at the service panel (fuse or circuit breaker box). Failure to do so could result in serious injury or death. Only qualified electricians should install this fixture and the installation MUST conform to the Canadian Electrical Code Part I and all local codes and ordinances. Ensure that only proper tools, materials, and equipment are used to complete the installation.

### SAFETY

- Proper grounding is required to ensure personal safety.
- Do not use this equipment for anything other than its intended purpose.
- Servicing this equipment should be performed by qualified service personnel.
- AC power must be off before proceeding with the emergency driver installation.
- Do not mount near gas or electrical heaters
- Equipment should be mounted in locations and at height where it will not be subjected to tampering by unauthorized personnel.
- Use of any accessory equipment not recommended by the manufacturer may cause unsafe conditions.
- Save these instructions.
- **MIN 90 °C SUPPLY CONDUCTOR**

### WIRING

- Connect the AC input wire of the emergency driver to the main power supply.  
**NOTE:** AC Line wire (Red) and AC line switch wire (Black) of the emergency driver connect to the line of the main power supply.
- Connect the dimming input wire of the emergency driver to a dimming input line if desired.
- Connect the AC output wire of the emergency driver to the power cable (line, neutral and ground) of the fixture using connector (provided in the box).
- Connect the dimming output wire of the emergency driver to a dimming cable of the fixture using connector (provided in the box).



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### SELF-TEST MODE

- After connecting the AC wires and turning on the main power, the emergency driver will be in self-test mode for 3 seconds.
  - 1) During this time the indicator in red will flash every two seconds.
  - 2) Once in charging mode, if suddenly the main power is cut off, the emergency driver may stop working.
- If the self-test is not passed, it goes into failure mode. The indicator in red will flash every half second, the main reasons being:
  - 1) The battery pack is not properly connected, or it is broken.
  - 2) The load is not connected, or it is in short.
  - 3) The dimming signal wires are not connected properly.
- If the emergency driver passes the self-test, it will go into working mode:
  - 1) The indicator stays red.
  - 2) The emergency driver is in charging mode, and all functions are working well.



### MAINTENANCE

- Please turn off the main power every 3 months, in order to let the battery, operate a charging/discharging circle. This will help the battery sustain a longer lifetime.
- Please check the emergency function with the push test button.
- Battery capacity is >60% when factory delivered, so it could be consistently stocked for Max 12 months.