

MaxLite® Emergency Light Series



General Safety Information

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For Residential installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- **DO NOT INSTALL DAMAGED PRODUCT!**
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.



Picture is for illustration purposes only. Your model may vary.

WARNING:

RISK OF ELECTRICAL SHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION:

RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Do not use outdoors.
- Do not mount near gas or electric heaters.
- Use caution when handling batteries. Avoid possible shorting.
- Equipment should be mounted in locations at heights (MAX: 8ft) where it will not be subject to tampering by unauthorized personnel.
- The use of accessories not recommended by the manufacturer may cause unsafe conditions.
- Do not use this equipment for anything other than its intended use.
- Consult local building code for approved wiring and installation.
- Servicing this equipment should be performed by qualified personnel.

CAUTION:

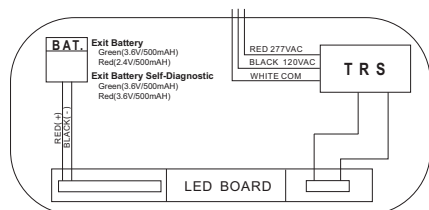
RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens
- MIN 75°C SUPPLY CONDUCTORS.

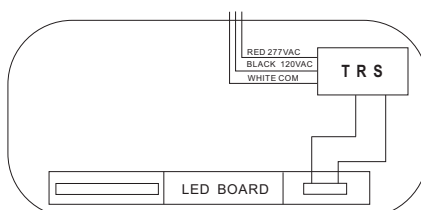
Models:

EX-RW2WL

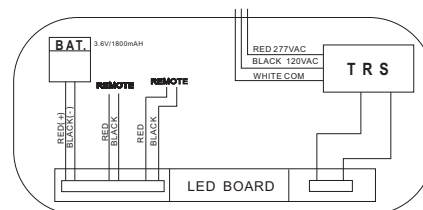
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General Wiring Diagram

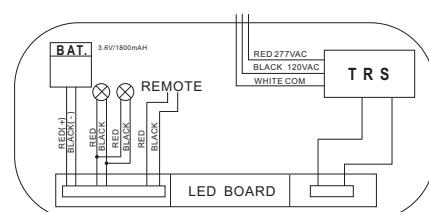
Exit Battery/Exit Battery Self-Diagnostic



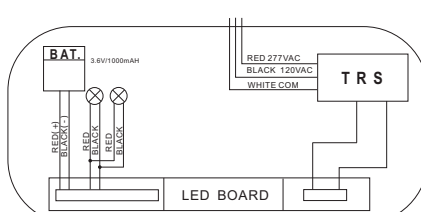
AC Only



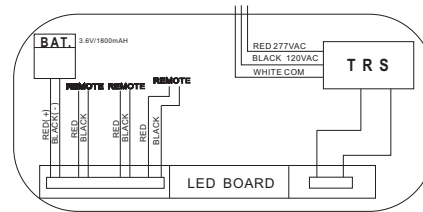
Exit Battery RC



COMBO RC/ COMBO RC Self-Diagnostic



COMBO/COMBO Self-Diagnostic

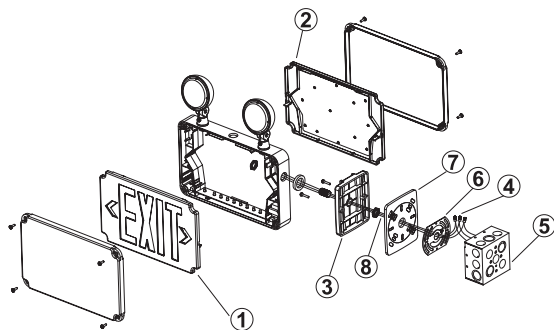
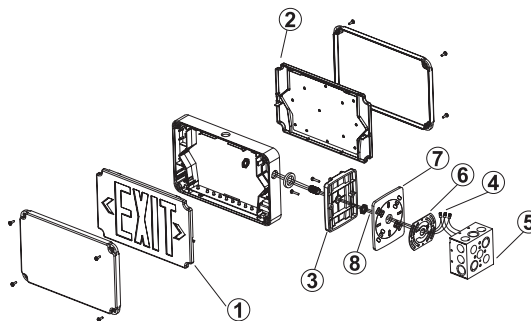


Exit Battery RC Self-Diagnostic

Wall Mount Installation

1. Use a flat head screwdriver to loosen the screws on the lens.
2. Remove lens from sign, set aside.
3. Remove EXIT stencil from housing, set aside.
4. Drill or knock out appropriate knockouts on the back plate to fit junction box mounting points.
5. Drill or knock out center hole in the back plate for EXIT supply wire leads.
6. Remove backing from self adhesive junction box gasket and adhere to back plate.
7. Route EXIT input wires through center hole of the back plate and make wiring connections. For 120V, use black and white wires and for 277V, use red and white wires.
8. Secure back plate to junction box (hardware not included).
9. Remove proper chevron(s) as required. When removing chevrons it may be helpful to remove the color diffuser panel to allow easier access to the chevrons. When removing color diffuser panel it is important to remember to reinstall the diffuser panel once chevron(s) have been removed.
10. Connect battery to lamp board (battery back up models only).
11. Secure face plate(s) to the housing.
12. Secure lens to face plate and securely torque screws.
13. Apply continuous AC power and press "TEST" button to check operation.

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Ceiling or End Mount Installation**Mini Wet Location Exit Combo****Mini Wet Location Exit Sign**

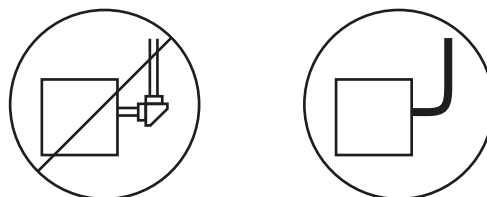
1. Use flat head screwdriver to loosen the screws on the lens.
2. Remove lens, from sign, set aside.
3. Remove EXIT stencil from housing, set aside.
Drill a 3/4" hole through the desired mounting knock out located on the frame of the sign. For ceiling mount, knock out will be located on the top of the housing. For wall mount, knock out will be located on the side of the housing.
4. Using provided hardware, thread nut onto pipe nipple. Slide pipe nipple through canopy center hole.
5. Remove backing from self adhesive junction box gasket and adhere to back of mounting canopy.
Remove backing from self adhesive pipe thread gasket and adhere to front of mounting canopy.
6. Place screws (provided) in holes on the canopy.
7. Route Exit input wires through knockout in EXIT frame, pipe nut and metal mounting plate.
8. Make wiring connections. For 120V, use black and white wires and for 277V, use red and white wires.
WARNING: Properly insulate the unused lead with a wire nut (provided) or other approved means.
9. Push wire connections into the J-Box. Secure mounting plate to junction box (hardware not included.)
10. Secure the canopy to the steel mounting plate with screws installed in step 7.
11. Place pipe nipple through the mounting hole of the housing until the gasket is touching the housing frame.
Thread a second nut onto the pipe nipple on the inside of the housing to lock the canopy into place. Once canopy is locked into position there will not be any side-to-side movement of the canopy.
12. Remove proper chevron(s) as required. When removing chevrons it may be helpful to remove the color diffuser panel to allow easier access to the chevrons. If removing color diffuser panel it is important to remember to reinstall the diffuser panel once chevron(s) have been removed.
13. Connect battery to lamp board (battery back up models only).
14. Secure face plate(s) to the housing.
15. Secure lens to face plate and torque screws.
16. Apply continuous AC power and press "Test" button to check operation.

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Conduit Entry

1. Drill a 3/4" hole through the desired conduit entry knock out located on the top or side of the sign's frame.
2. Route the AC input conduit into housing.
3. All conduit connections must use UL LISTED and SUITABLE FOR WET LOCATION parts.
4. To finish installation of EXIT sign, reference wall, ceiling or end mount instructions.



FLEXIBLE CONDUIT ONLY!

Operation (Battery Backup)

1. Apply AC power to the unit. The LED indicator will be RED.
2. After the battery has been left to charge for 2 hours, test the unit by pushing the switch. The LED indicator turns OFF and the LED board stays ON.
3. When the switch is released, the LED indicator turns back to RED and the LED board stays ON.
4. For the unit with Self-Diagnostic, connect as below:
 - a.) When customer doesn't need remote lamp, please insert terminal to N. (See **Figure 1** below)
 - b.) When customer needs remote lamp, please insert terminal to Y. (See **Figure 2** below)

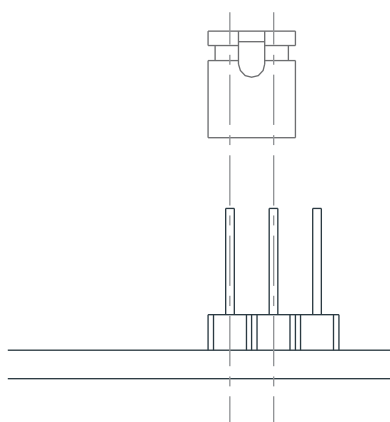


Figure 1

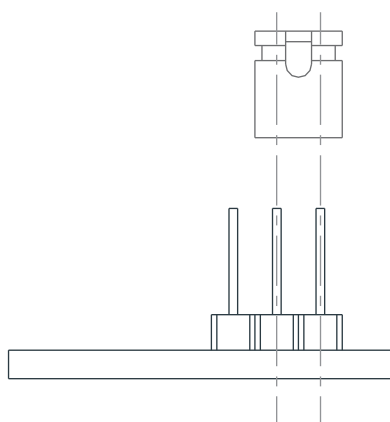


Figure 2

Maintenance

CAUTION: Always turn off AC power to the equipment before servicing. Servicing should be performed only by a qualified service technician. Use only MANUFACTURER supplied replacement parts.

1. **BATTERY.** The battery supplied with the EM model requires no maintenance. However, it should be tested periodically and replaced when it no longer operates the connected sign for the duration of a 30-second or 90-minute test.

The battery supplied in this sign has a life expectancy of 5 years when used in normal ambient temperature of 72°F.

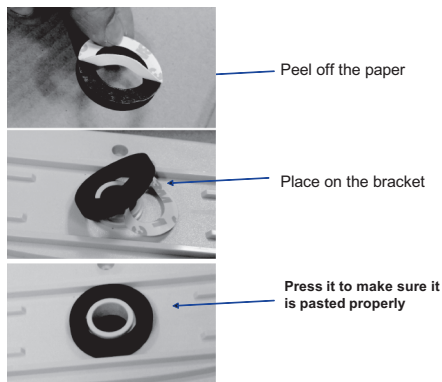
NFPA 101(Life Safety Code) requires that all emergency lighting equipment be functionally tested every 30 days for a minimum of 30 seconds and be tested annually for a full 90-minute duration. Written records of the testing are to be kept for examination by the authority having jurisdiction.

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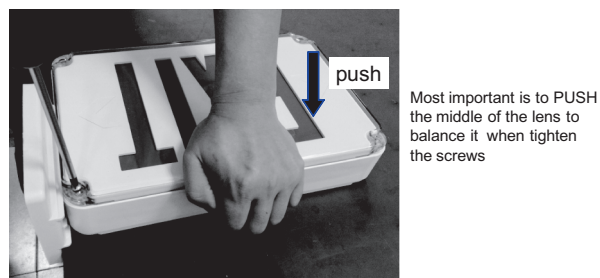


Waterproof Installation

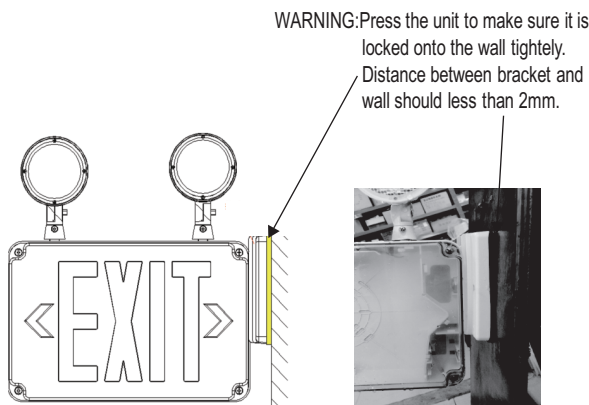
1. Instructions for seal ring installation:



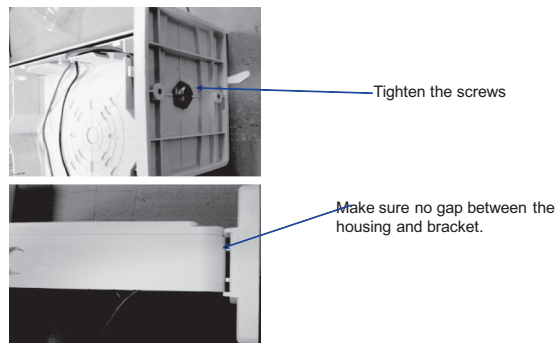
3. Instructions for clear lens installation:



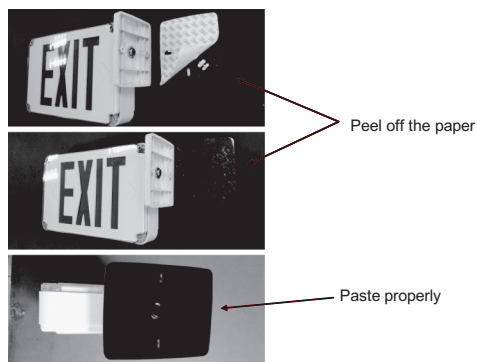
5. Instructions for final installation:



2. Instructions for bracket installation:



4. Instructions for seal foam installation:



6. Adjust the angle of the lamp head and tighten the screws:



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Warranty Information

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite's website (at <http://maxlite.com/resources/warranties>) for the complete terms and conditions of our warranty.

Limitation of Liability

THE FOREGOING WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP'S PERFORMANCE, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT. WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Limited Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, this limitation may not apply to you.