



### Maintenance

This emergency lighting unit should be tested and maintained in accordance with National Electrical Code and NFPA 101 Life Safety Code requirements. It is recommended that emergency light fixtures be tested for 30 seconds once a month and for 90 minutes once a year.

### Taking A Unit Out Of Service

If a unit is to be deliberately taken out of service for an extended period, the battery lead connector should be disconnected from the charger circuit board and insulated so that the battery will go into storage in a fully charged condition.

### Replacing The Battery

The Emergency Light Fixture is a remote unit. The system battery is located in the ELSS Main Unit.

### Replacing LED Lamps

The LED lamps inside the unit are not replaceable or field serviceable. Please see dual-lite.com for further assistance.

### Troubleshooting

#### Emergency circuit does not work

- Batteries are shipped uncharged and disconnected. Connect battery leads and charge 24 hours before testing.
- Make sure the charger board and test button/light pipe are properly seated and aligned.
- Check wiring connections

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## IMPORTANT SAFEGUARDS

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

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not let power supply cords touch hot surfaces.
2. Do not mount near gas or electric heaters.
3. Equipment should be mounted in locations and at heights where it will not readily be subject to tampering by unauthorized personnel.
4. The use of accessory equipment not authorized by the manufacturer may cause an unsafe condition.
5. Do not use this equipment for other than its intended purpose.
6. Servicing of this equipment should be performed by qualified service personnel.
7. Test cycling: the Life Safety Code (NFPA 101) requires testing of emergency lighting units once a month for a minimum of 30 seconds, and once a year for a minimum of 90 minutes.

### INSTALLER:

- **SEE UNIT LABEL FOR ADDITIONAL MODEL SPECIFICATIONS**
- **SAVE THESE INSTRUCTIONS FOR USE BY OWNER/OCCUPANT**



### RECYCLING INFORMATION

All steel, aluminum and thermoplastic parts are recyclable.  
NOTICE: Emergency units contain rechargeable batteries which must be recycled or disposed of properly.

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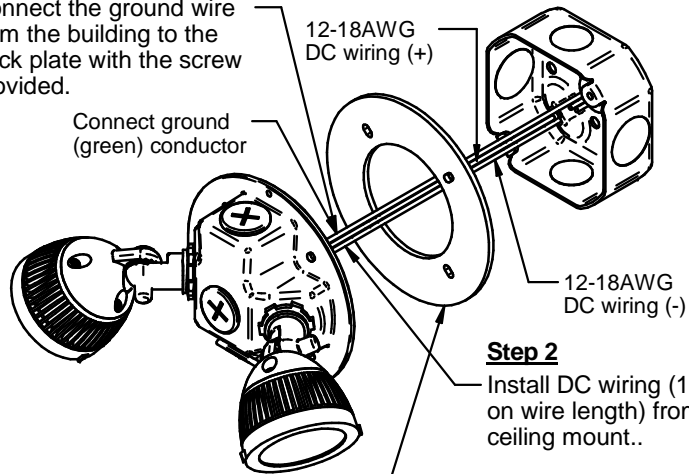
## FIXTURE INSTALLATION

### NOTE:

The DLRW fixture can be wall mounted or ceiling mounted at a height of 7ft to 10ft. The LED lamps can be adjusted to desired position. The lamp heads can be locked in desired position using the lock nut and screw.

### Step 1

Connect the ground wire from the building to the back plate with the screw provided.



### Step 2

Install DC wiring (12-18AWG depending on wire length) from J-box for wall or ceiling mount..

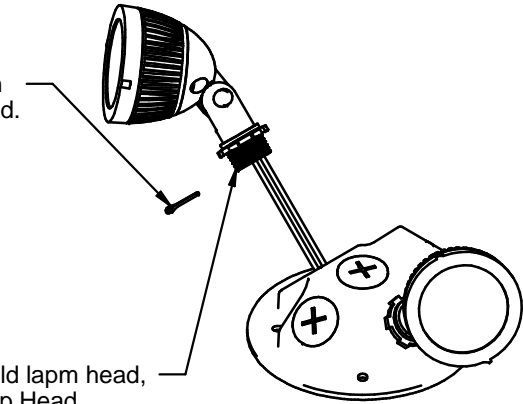
### Step 3

Install the mounting plate to the J-box using the provided gasket and appropriate J-box screws (J-box screws not provided).

## REPLACEMENT HEAD INSTALLATION

### Step 1

Remove the cotter pin from the old lamp head.



### Step 2

Cut the wires of the old lamp head, Unscrew the old Lamp Head from the base plate.

### Step 3

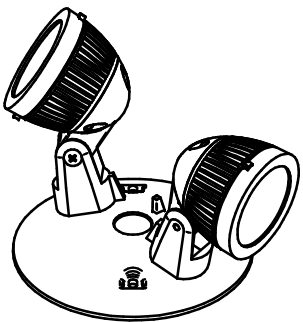
Remove the cotter pin from the new lamp head, screw in the new lamp head.

### Step 4

Connect the red and black wires. Insert the cotter pin back in the screw head.

## NOTES

Configuring the number of DLR remotes requires calculation of total wattage capacity based on the capacity of the fixture powering the remotes.



### DLR wattage for calculation:

- DLRSB = 5W
- DLRSW = 5W
- DLRDB = 10W
- DLRDW = 10W

### DLRW wattage for calculation:

- DLRWSB = 5W
- DLRWSW = 5W
- DLRWSDB = 5W
- DLRWDB = 10W
- DLRWDW = 10W
- DLRWDDDB = 10W

