

## Installation Instructions

### INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS.

#### IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

(Failure to follow the warnings and instructions on this sheet could result in fire, injury, failure of product, and/or voiding of warranty.)

1. Do not touch while lamp is on. Turn off/unplug and allow to cool before replacing lamp.
2. Lamp gets HOT quickly! Contact only switch/plug when turning on.
3. Do not touch hot lens, body, or cap.
4. Keep lamp away from materials that may burn.
5. Do not touch lamp at any time. Use a soft cloth. Oil from your skin may damage lamp.
6. Do not operate with damaged or missing parts.
7. Do not disassemble beyond cap removal to facilitate lamp and/or accessory installation or replacement.
8. Remove any debris accumulated in the cap periodically.
9. Do not install within 10 feet of a pool, spa, or fountain.
10. Have installed in accordance with all applicable installation codes and standards by a person familiar with the construction, operation, and hazards involved.
11. Consult a qualified electrician to ensure correct branch circuit conductor.
12. Use only cable rated for low voltage. Cable buried more than 6" must be suitable for direct burial. Direct burial cable may be ordered from Vision3 Lighting.
13. Do not pull or hang from fixture! Damage or injury may occur

#### Notes:

- This fixture should not be mounted in such a way that it is buried or in direct contact with the ground or soil.
- This fixture requires a remote transformer or mount option with integral transformer.
- LED models should only be powered and controlled by compatible transformers and control systems. Contact Vision3 Lighting for approved transformer / controls list. Using non-approved transformers / controls could cause the LED to not operate properly or fail.
- Integral LED options come with a High/Low switch. See 'LED Switching' instructions on next page. Switch will be set to 'High' setting at the factory, unless otherwise specified when ordered.
- Use only Vision3 approved Retrofit MR16 LED options and supplied Heatsink Mount, otherwise LED may overheat and fail.
- LED ratings subject to change without notice. See website or contact V3 for most current info.

**Caution!** Fixture will be hot if lamp is on. Remove power and allow fixture to cool before performing any adjustments or maintenance.

#### Installation:

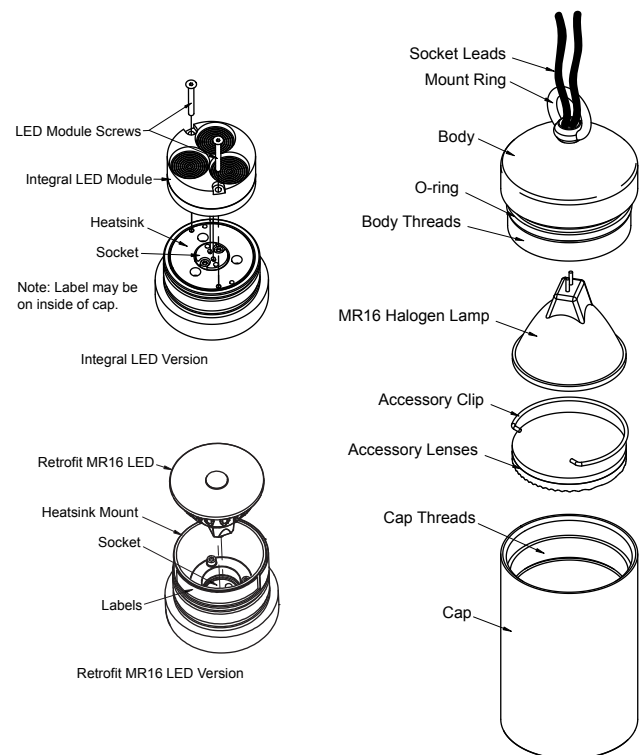
1. Unpack the DL3 MR16 Ring Mount from it's shipping container and inspect.
2. Hang the DL3 in the desired location by attaching the Mount Ring to a cable, chain or hook (not supplied) capable of holding the weight of the fixture. **Note:** Do not hang the fixture from it's wire leads. Do not mount the fixture in a location where it is touching, or may touch due to wind, a flammable surface. This fixture should not be mounted in such a way that it is buried or in direct contact with the ground or soil.
3. Connect the DL3 Socket Leads to the power supply wires using the appropriate connectors (not supplied), per applicable codes. Water can flow thru the strands of the Socket Leads, so for any outdoor or wet location applications, all wire connections must be water tight to prevent moisture from wicking in to fixture. **Note:** Be sure that the power being supplied matches the rating on the DL3 Label. See notes below for more information about required power.
4. Install lamp and accessories, as described below, if not already installed.

#### Lamp/LED Module Maintenance:

1. Remove power from fixture and let cool before touching. **Caution! Fixture may still be hot!**
2. Holding the Body, fully un-thread the Cap from the Body.
3. Inspect O-ring for damage. Replace if necessary.
4. Replace lamp/LED.

##### For MR16 Halogen Lamp:

- a. Pull lamp straight out. **Caution! Lamp may still be hot! Be sure lamp has cooled before touching.**
- b. Inspect socket for any damage.
- c. Clean inside of fixture and Cap with a clean dry cloth.
- d. Push new lamp straight in, being careful to align pins. **Note:**



Replacement lamp must not exceed ratings on Label.

#### For Integral LED Module:

- a. Loosen and remove the LED Module Screws.
- b. Pull LED straight out. Do not twist or the pins will break off in the socket. **Caution! LED may still be hot! Be sure LED has cooled before touching.**
- c. Clean the grease off of the Heatsink top surface using a rag dipped in alcohol.
- d. Inspect the socket for any damage.
- e. If the replacement LED Module does not come with a thermal transfer pad on the base, apply a thin layer of thermal grease (not supplied) to the surface of the Heatsink that will contact the bottom of the LED Module.
- f. Align the pins on the LED Module with the socket and push straight in. Do not twist or push in at an angle or the pins may be damaged.
- g. Install and tighten the LED Module Screws. **Caution!** Over tightening of screws could crack the LED Module case.

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#### For Retrofit MR16 LED Lamp:

- a. Pull lamp straight out. **Caution! Lamp may still be hot! Be sure lamp has cooled before touching.**
- b. Inspect socket for any damage.
- c. Clean inside of fixture and Cap with a clean dry cloth.
- d. Push new lamp straight in, being careful to align pins. Make sure Retrofit MR16 Lamp fully contacts Heatsink Mount, otherwise lamp may overheat and fail prematurely. **Note:** Replacement lamp must not exceed ratings on Label. Only use Vision3 approved Retrofit MR16 Lamp and supplied Heatsink Mount, otherwise LED may overheat and fail.
5. Inspect the cap and body threads. They should be free from dirt and fully coated with anti-seize to prevent seizing of cap.
6. Holding the Body, fully thread the Cap on to the Body. Be careful to not cross thread. If O-ring is excessively dry, use a small amount of Krytox lubricant.

#### Accessory Maintenance:

1. Remove cap as explained in Lamp Maintenance steps 1 thru 3.
2. Remove Accessory Clip from Cap.
3. Carefully remove Accessories from Cap, if any.
4. Inspect Cap, Accessories, and Clip for damage. Replace if necessary.
5. Clean Cap and Accessories with a clean, damp cotton cloth.
6. Carefully install new Accessories into Cap (Cap may hold up to 2 Accessories).
7. Compress Clip and push into Cap until it holds Accessories tightly in Cap.
8. Install cap as explained in Lamp Maintenance steps 5 & 6.

#### LED Switching (on certain models):

1. Remove cap as explained in Lamp Maintenance steps 1 thru 3.
2. Inspect for damage. Replace any damaged parts, if necessary.
3. Clean inside of fixture and Cap with a clean, damp cotton cloth.
4. Find LED High/Low Switch on side of Integral LED Module.
5. Using a pin, small nail, etc, flip the switch in the desired direction. See the LED Module Switch sketch for which direction corresponds to which setting.
6. Install cap as explained in Lamp Maintenance steps 5 & 6.

