



SKU	Description
LED-8089M40-MHBC	133W Shon box, 4000K, E39, Metal Halide Ballast Compatible
LED-8089M50-MHBC	133W Shon box, 5000K, E39, Metal Halide Ballast Compatible
	250W M58 Metal Halide Ballast or 320W M132 Metal Halide Ballast Only

### Contents:

- 1 PCS LED Retrofit lamp
- 1 PCS Installation instructions



## with Metal Halide Ballast

### Electrical System Guidance

It is highly recommended that a licensed electrical contractor/electrician be used to install the LED retrofit lamps

### Installation:

**Step 1:** Disconnect Electrical Power to fixture.

**Step 2:** Wait at least 10 minutes before removing existing Metal Halide Lamp

**Step 3:** Inspect existing fixture: Fixtures gaskets/seals must be in able to prevent water and insects from entering enclosed fixture. Fixture meets minimum size requirements listed at right.

**Step 4:** Install lamp into existing lamp holder, do not over-tighten, could cause damage to lamp or lamp holder.

**NOTE: Lamp can only operate with Metal Halide Magnetic ballasts listed below:**

**250W M58 Ballast or 320W M132 Ballast**

INSTALLATION REQUIREMENTS	
Input Voltage	Can operate only with Metal Halide Magnetic Ballast
Frequency	50/60Hz
Lamp Holder	E39
Approved Fixtures and Locations	<u>Outdoor Luminaires</u> (Fully enclosed or with cover or lens to prevent entry of water) <u>Indoor Luminaires</u> (Open or Fully Enclosed)
Minimum Fixture Size	A <u>minimum</u> of 2" spacing between lamp and fixture housing is required to meet heat rating of LED lamp
Approved Lamp Orientations	
Moisture Rating	UL approved for damp environments

Step 4: Reconnect Electrical Power to Fixture. If lamp fails to light turn power off immediately. Lamp may not be compatible with existing ballast

### IMPORTANT SAFETY INSTRUCTIONS FOR LED Lamp:

FOR USE ONLY WITH HID LUMINAIRES IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED WITH THIS RETROFIT KIT.

**WARNING** - Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

**WARNING** - Be careful when removing existing HID lamp, bulb can be very hot

**WARNING** - Suitable for DAMP LOCATIONS. SUITABLE FOR USE IN ENCLOSED LUMINAIRES. **THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.**