



SKU	Description
LED-8090M40-MHBC	150W Shoe box LED, 4000K, E39, Metal Halide Ballast Compatible
LED-8090M50-MHBC	150W Shoe box LED, 5000K, E39, Metal Halide Ballast Compatible
	320W M132 Metal Halide Ballast or 400W M59 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:

320W M132 Ballast or 400W M59 Ballast

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

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.**