

Replacement Bulb - 70 Watt Metal Halide Installation Manual

WARNING

To avoid the risk of fire, explosion or electric shock, this product should be installed, inspected and maintained by a qualified electrician only. All of the instructions in or on this package should be followed to help avoid early failure or possible shattering.

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Allow lamp to cool prior to handling!

WARNING

Luminaire must be de-energized during lamp installation and replacement.

To avoid electrical shock or burns, turn off the power and let the lamp and fixture cool before installing or replacing a lamp. When inserting a lamp, ensure that the lamp connects properly with the electrical contacts of the lamp holder.

Remove the lamp immediately if the outer bulb is broken, scratched, or damaged in any way. The lamp should be protected from contact with cold objects or water while burning. Because of the possibility of a burning lamp breaking, the lamp may only be used, even during testing, in a completely enclosed fixture that can withstand particles of glass having temperatures up to 1000° C; lens/diffuser material must be heat resistant. Check with the fixture manufacturer to verify that the fixture is appropriate for use with this lamp.

The use of an extra UV filter is recommended at higher lighting levels or when illuminating light-sensitive material.

Safeguard the lamps and installation against excessive heat, corrosive atmospheres, and moisture. Any metal lamp bulb supports must be electrically insulated to prevent decomposition of the bulb glass.

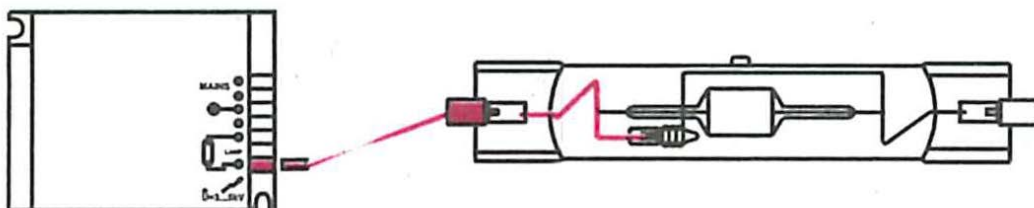
Lamps may require 3 to 5 minutes to re-light if the power is interrupted. If lamps have difficulty restarting after a short interruption of power, switch the fixtures off for 10 to 15 minutes before turning the power back on.

New lamps should be allowed several hours and more than one start to stabilize in color. Lamp color may vary between individual lamps and may change due to shock or excessive vibration. When disposing of lamps, take care that the outer bulb does not break because oxidation of metallic components may generate sparks. If an arc tube is broken, avoid contact between skin and any of the contents or particles. Local disposal regulations should be observed.

Operate only on thermally protected ballasts. Use only the ANSI ballast specified for the product. Use within the voltage limits specified by the ballast manufacturer. For optimum lamp performance, the line voltage may vary only +/-3% from the voltage indicated on the type plate; otherwise, life hours or color may be negatively affected. Larson Electronics Ceramic Metal Halide lamps are not recommended for use on dimmers; such use will void the warranty.

The ballast's high voltage output should be connected to the lamp pin associated with the internal lamp starter. (See below diagrams.) Magnetic ballast is not recommended

The wiring between the lamp and the ballast should be less than 2 meters (6 ft. 7 in.).



WARNING: This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured.

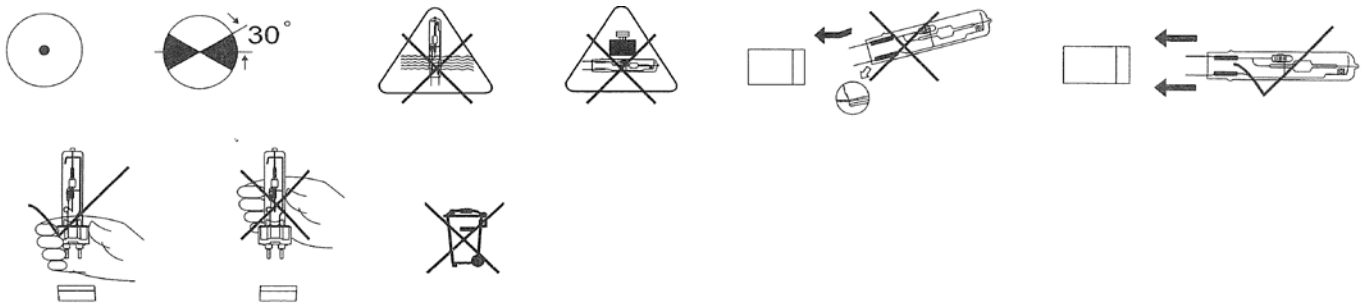
Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available."

This product meets the requirements of 21 CFR 1040.30.

The arc tubes of metal halide lamps operate under high pressure at temperatures up to 1000°C and can rupture due to internal or external factors such as a ballast failure or misapplication. If the arc tube ruptures, the outer bulb may break, and pieces of extremely hot glass may be discharged into the surrounding area. If a rupture occurs, THERE IS A RISK OF PERSONAL INJURY, PROPERTY DAMAGE, BURNS, AND FIRE.

RELAMP FIXTURES AT OR BEFORE END OF RATED LIFE. Allowing lamps to burn until they fail may increase the possibility of an arc tube rupture.

OPERATING POSITIONS:



Hg – LAMP CONTAINS MERCURY

To replace lamp in Larson Electronics EPL-BS-70 Series Explosion Proof Light fixtures, follow the steps included with the light fixture.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.