

Subject: Warning – Standard Mercury “R” Lamps

Revision: C - Removal of pressure and temperature values. Defined “moisture.” Added official ANSI color to warning icon. E. De Franco, J. Fichera

Revision: D – Restructured following HID warnings template. E. Wyner

R

THE FOLLOWING INSTRUCTIONS MUST BE COMPLIED WITH TO AVOID RISK OF PERSONAL INJURY, PROPERTY DAMAGE AND POOR LAMP PERFORMANCE.

- I. RUPTURE RISKS:** This Mercury lamp is constructed of an outer glass bulb with an internal arc-tube made of quartz. Mercury arc-tubes operate at high pressure and at very high temperatures and can unexpectedly rupture due to internal causes or external factors such as a ballast failure or misapplication. An arc-tube rupture can burst and shatter the outer glass bulb resulting in the discharge of glass fragments and extremely hot quartz particles. In the event of such rupture, **THERE IS A RISK OF PERSONAL INJURY, PROPERTY DAMAGE, BURNS AND FIRE.**

TO REDUCE THESE RISKS:

1. **Only operate lamp with compatible ballast and fixture. (See catalog for specific information.)**
2. **Fixture lens/diffuser material must be able to contain hot lamp fragments (as high as 1832°F, 1000°C). If you are uncertain, contact your fixture manufacturer.**
3. **Never expose an operating lamp to moisture (such as rain, sleet, or snow).**
4. **Replace lamp if outer glass bulb is scratched, cracked or damaged in any way.**
5. **Electrically insulate any metal support in contact with the outer bulb to avoid glass decomposition.**
6. **Replace lamp at or before the end of rated life. (See catalog for rated life.)**

- II. ELECTRICAL SHOCK AND BURN HAZARD:** Do not remove or insert lamp while power is on. If outer glass bulb is broken, shut off power immediately and remove lamp after it has cooled.

III. ULTRAVIOLET RADIATION EXPOSURE:

WARNING: This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if the 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 conforms to the following federal regulations: U.S.A.: 21 CFR 1040.30 and CANADA: SOR/80-381.

IV. INSTALLATION:

1. Screw lamp firmly but not forcibly into socket to avoid breakage.
2. To avoid damaging a lamp, never install it into an ordinary household socket.
3. This lamp may be operated in any position.

- V. BROKEN ARC-TUBE:** Take care in handling and disposing of this lamp. If arc-tube is broken, avoid skin contact with any of the contents and fragments. See Product Safety Data Sheet for further details.