

Venture's Technical Information: PROPER USE OF METAL HALIDE LAMPS



It is imperative that users adhere to specified luminaire and lamp operating positions and requirements. The operation of lamps in positions other than those specified can result in severe reductions in lamp performance, including lamp life, light output and color. Incorrect operating positions can also create the possibility of an early failure.

Refer to each lamp's technical data specification sheet to determine correct operating position and luminaire requirements. Also, refer to the diagram in this section to determine allowable operating positions.

Click Here for the [PRODUCT SAFETY DATA SHEET](#)

PRODUCT: 50 - 2000 Watt Metal Halide (MH) & High Pressure Sodium (HPS) Lamps

Federal Compliance - Metal Halide

Venture® lamps comply with USA Federal Standard 21 CFR 1040.30 and Canada Standard SOR/80-381.

“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 and the arc tube continues to operate. 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.”

Careful adherence to the precautions mentioned above may not eliminate all possible risks associated with the use of metal halide lamps, but will reduce the likelihood of personal injury or property damage.

End-of-Life and Reduction of Risk

At end-of-life, the vast majority of metal halide lamps will fail simply by not reigniting. On rare occasions, metal halide lamps may fail in a violent manner. The possibility of this failure is significantly reduced by group relamping at or before the rated end of life. (see Group Relamping) In any application where lamps are operated continuously (24 hrs/day, seven days/week), the lamps should always be turned off for a period of at least 15 minutes once a week, a precaution that can reduce the possibility of violent failures. This procedure is not required when Venture's open rated, shrouded lamps are used. These lamps are easily identified by the “MP” or “MPI” in the order code.

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