42729 – MVR250/U  
GE Multi-Vapor® Quartz Metal Halide ED28

GENERAL CHARACTERISTICS
Lamp type: High Intensity Discharge - Quartz Metal Halide
Bulb: ED28
Base: Mogul Screw (E39)
Bulb Finish: Clear
Wattage: 250
Rated Life (Hor): 6000 hrs
Rated Life (Vert): 10000 hrs
Bulb Material: Hard glass
Lamp Enclosure Type (LET): Enclosed fixtures only
LEED-EB MR Credit: 230 picograms Hg per mean lumen hour

PHOTOMETRIC CHARACTERISTICS
Initial Lumens (Hor): 19100
Initial Lumens (Vert): 20800
Mean Lumens (Hor): 12400
Mean Lumens (Vert): 13500
Nominal Initial Lumens per Watt: 76
Color Temperature: 4200 K
Color Rendering Index (CRI): 65
Effective Arc Length: 1.400000

ELECTRICAL CHARACTERISTICS
Burn Position: Universal burning position
Open Circuit Voltage (peak lead ballast) (MIN): 540 V
Open Circuit Voltage (RMS lag ballast) (MIN): 382 V
Warm Up Time to 90% (MIN): 2 min
Warm Up Time to 90% (MAX): 5 min
Hot Restart Time to 90% (MIN): 10 min
Hot Restart Time to 90% (MAX): 15 min

DIMENSIONS
Maximum Overall Length: 8 1/4

ADDITIONAL RESOURCES
Catalogs
Testimonials
MSDS (Material Safety Data Sheets)
Disposal Policies & Recycling Information

GRAPHS & CHARTS
Spectral Power Distribution
CAUTIONS & WARNINGS

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. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available. Visit the FDA website for more information: http://www.fda.gov/cdrh/radhealth/products/urburns.html

See list of cautions & warnings.