GE Lighting

12622 - MVR175/VBU/PA
GE Multi-Vapor® PulseArc® Quartz Metal Halide ED23.5

CAUTIONS & WARNINGS

R- 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

Caution
• Lamp may shatter and cause injury if broken
  - Dispose of lamp in a closed container.
  - Do not use excessive force when installing lamp.
  - Do not use lamp if outer glass is scratched or broken.

Warning
• Unexpected lamp rupture may cause injury, fire, or property damage
  - Do not exceed rated voltage.
  - Do not turn on lamp until fully installed.
  - Do not use beyond rated life.
  - Do not use lamp if outer glass is scratched or broken.
  - Do not use where directly exposed to water or outdoors without an enclosed fixture.
  - If used on a dimming system, see instructions.
  - Operate lamp only in specified position.
  - Turn lamp off at least once for 15 minutes per week.
  - Use in enclosed fixture rated for this product.
  - Use only properly rated ballast.
  - A damaged lamp emits UV radiation which may cause eye/skin injury
    - Turn power off if glass bulb is broken. Remove and dispose of lamp.

• Risk of Burn
  - Allow lamp to cool before handling.
  - Do not turn on lamp until fully installed.

• Risk of Electric Shock
  - Do not use where directly exposed to water or outdoors without an enclosed fixture.
  - Turn power off before inspection, installation or removal.

• Risk of Fire
  - Keep combustible materials away from lamp.
  - Use in fixture rated for this product.

GRAPHS & CHARTS
Graphs_Spectral Power Distribution

GENERAL CHARACTERISTICS

Lamp Type: High Intensity Discharge - Quartz Metal Halide
Bulb: ED23.5
Base: Mogul Screw (E39)
Bulb Finish: Clear
Rated Life: 15000.0 hrs
Bulb Material: Hard glass
Lamp Enclosure Type (LET): Enclosed fixtures only
Base Temperature (MAX): 210.0 °C
Bulb Temperature (MAX): 400.0 °C
LEED-EB MR Credit: 132 picograms Hg per mean lumen hour

PHOTOMETRIC CHARACTERISTICS

Initial Lumens: 17500.0
Mean Lumens: 13000.0
Nominal Initial Lumens per Watt: 100
Color Temperature: 4000.0 K
Color Rendering Index (CRI): 75.0
Effective Arc Length: 0.826771 in

ELECTRICAL CHARACTERISTICS

Wattage: 175.0
Burn Position: Vertical base up ±15°
Warm Up Time to 90% (MIN): 2.0 min
Warm Up Time to 90% (MAX): 5.0 min
Hot Restart Time to 90% (MIN): 10.0 min
Hot Restart Time to 90% (MAX): 15.0 min

DIMENSIONS

Maximum Overall Length (MOL): 7.5000 in(190.5 mm)
Bulb Diameter (DIA): 2.937 in(74.6 mm)
Light Center Length (LCL): 5.000 in(127.0 mm)

PRODUCT INFORMATION

Product Code: 12622
Description: MVR175/VBU/PA
ANSI Code: M137/M152
Standard Package: Case
Standard Package GTIN: 10043168126226
Standard Package Quantity: 6
Sales Unit: Unit
No Of Items Per Sales Unit: 1
No Of Items Per Standard Package: 6
Package: 043168126229

For additional information, visit www.gelighting.com
NOTES

• When operated on a 120 hrs. cycle (minimum), lamp life rating may be extended by up to 50% based on engineering estimates.