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

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
- 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.
- 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.
  - Turn lamp off at least once for 15 minutes per week.
  - Use in enclosed fixture rated for this product.
  - Use only properly rated ballast.

GENERAL CHARACTERISTICS

Lamp Type
High Intensity Discharge - Quartz Metal Halide

Bulb
BD17

Base
Medium Screw (E26)

Bulb Finish
Clear

Rated Life
15000.0 hrs

Bulb Material
Hard glass

Lamp Enclosure Type (LET)
Enclosed fixtures only

LEED-EB MR Credit
98 picograms Hg per mean lumen hour

PHOTOMETRIC CHARACTERISTICS

Initial Lumens
9500.0

Mean Lumens
6000.0

Nominal Initial Lumens per Watt
95

Color Temperature
4000.0 K

Color Rendering Index (CRI)
70.0

Effective Arc Length
0.49 in

ELECTRICAL CHARACTERISTICS

Wattage
100.0

Voltage
100.0

Burn Position
Universal burning position

Open Circuit Voltage (peak lead ballast) (MIN)
332.0 V

Open Circuit Voltage (RMS lag ballast) (MIN)
235.0 V

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)
5.4300 in (137.9 mm)

Nominal Length
5.430 in (137.9 mm)

Bulb Diameter (DIA)
2.125 in (54.0 mm)

Light Center Length (LCL)
3.430 in (87.1 mm)

PRODUCT INFORMATION

Product Code
12652

Description
MVR100/U/MED

ANSI Code
M90

Standard Package
Case

Standard Package GTIN
10043168126523

Standard Package Quantity
6

Sales Unit
Unit

No Of Items Per Sales Unit
1

No Of Items Per Standard Package
6

UPC
043168126526

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GRAPHS & CHARTS

Graphs_Spectral Power Distribution

For additional information, visit www.gelighting.com