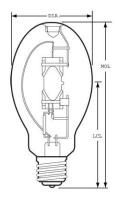


42729 - MVR250/U

GE Multi-Vapor® Quartz Metal Halide ED28











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 ED28

Base Mogul Screw (E39)

Bulb FinishClearRated Life (Vert)10000.0 hRated Life (Hor)6000.0 hBulb MaterialHard glass

Base Temperature (MAX) 210.0 °C
Bulb Temperature (MAX) 400.0 °C
Mercury Content (NOM) 31.0 mg
Picograms of Mercury (NOM) 229.6 pg

PHOTOMETRIC CHARACTERISTICS

 Initial Lumens (Vert)
 20800.0

 Initial Lumens (Hor)
 19100.0

 Mean Lumens (Vert)
 13500.0

 Mean Lumens (Hor)
 12400.0

 Nominal Initial Lumens per Watt
 76.0 /83.0

(MOM)

Color Temperature (NOM) 4200.0 K Color Rendering Index (CRI) 65.0

(NOM)

Effective Arc Length (NOM) 1.4 in

ELECTRICAL CHARACTERISTICS

Wattage (NOM) 250.0 Burn Position Universal burning position

Open Circuit Voltage (peak lead 540.0 V

ballast) (MIN)

Open Circuit Voltage (RMS lag 382.0 V

ballast) (MIN)

Warm Up Time to 90% (MIN)
Warm Up Time to 90% (MAX)
Hot Restart Time to 90% (MAX)
Hot Restart Time to 90% (MAX)
10.0 min
15.0 min
15.0 min

DIMENSIONS

Maximum Overall Length 8.250 in(209.5 mm)

 (MOL) (NOM)

 Nominal Length (NOM)
 8.250 in(209.5 mm)

 Bulb Diameter (DIA) (NOM)
 3.500 in(88.9 mm)

 Light Center Length (LCL)
 5.000 in(127.0 mm)

PRODUCT INFORMATION

Product Code 42729
Description MVR250/U
ANSI Code M58
Standard Package Case

Standard Package GTIN 10043168427293

Standard Package Quantity 12
Sales Unit Unit
No Of Items Per Sales Unit 1
No Of Items Per Standard 12

Package

(NOM)

UPC 043168427296

