

# 12642 - GE High Output Multi-Vapor® PulseArc® Quartz Metal Halide ED37

## MVR400/VBU/XHOPA

# **Product Photo**



### **GENERAL CHARACTERISTICS**

**Base Description** Mogul Screw Base Temp C-degrees (MAX) 210 °C Base Type Screw-In Bulb Temperature C-degree(MAX) 400 °C

Lamp Enclosure Type (LET) Open Fixture-Restricted

Position (S-Rated)

Mercury-Picogrm per mean Im hr 90.9 Rated Life Hours-nominal 20000 h **Bulb Finishes and Colors** Clear Mercury Content EMEA ONLY 60

**Bulb Material** Hard glass

**Product Technology** High Intensity Discharge

Base ED37 **Bulb Shape** 

#### PHOTOMETRIC CHARACTERISTICS

Mean Lumens nominal 33000 lm Nominal Lumens per Watt 110 lm Initial Lumens-nominal 44000 lm Color Rendering Index-CRI 65 Color Temperature 4000 K

## PRODUCT INFORMATION

**Product Code** 12642

Description MVR400/VBU/XHOPA

Alternative Unit Of Measure CASE

Standard Package Quantity

Ean UPC 043168126427 10043168126424 Standard Package GTIN

No Of Items Per Sales Unit No Of Items Per Standard Package

Sales Unit

043168126427 UCC

Case

### **DIMENSIONS**

Diameter 4.62 in Light Center Length Millimeter 7.0 in

## **ELECTRICAL CHARACTERISTICS**

**Burn Position** Vertical base up 15

Rated power (Watts) 400 W

## **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

Risk of Burn

Allow lamp to cool before handling

Do not turn on lamp until fully installed

Lamp may shatter and cause injury if broken.

Dispose of lamp in a closed container.

Do not stare at light source. May be harmful to the eyes. Not applicable to diffuse coated bulbs.

Do not use excessive force when installing lamp.

Do not use lamp if outer glass is scratched or broken.

Wear safety glasses and gloves when handling lamp

## 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 Electric Shock

Do not use where directly exposed to water or outdoors without an enclosed fixture.

Turn power off before inspection, installation or removal.

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 lamp if outer glass is scratched or broken.

Do not use where directly exposed to water or outdoors without an enclosed fixture.

Do not use beyond rated life. Beyond rated life, light output diminishes while energy consumption and risk of lamp rupture increases.

Turn lamp off at least once for 15 minutes per week. FAILURE TO COMPLY INCREASES THE RISK OF RUPTURE.

Lamps with E-rated ANSI codes must be operated in enclosed fixtures, see Instructions

Do not store flammable materials near/below S-rated lamp in open fixture

Use only properly rated ballast

Operate lamp only in specified position

If used on a dimming system, see instructions.

#### Risk of Fire

Keep combustible materials away from lamp.

Use in fixture rated for this product.

#### Instructions:

LAMP OPERATING CHARACTERISTICS: This is a discharge lamp and requires some time to restart and come to full brightness after a power interruption.

RELAMP FIXTURES AT OR BEFORE THE END OF RATED LIFE. Beyond rated life, light output diminishes while energy consumption and risk of lamp rupture increases.

## SPECIFIED OPERATING POSITIONS

VBU - Base up ± 15 degrees

VBD - Base down  $\pm$  15 degrees

HOR - Horizontal ± 15 degrees

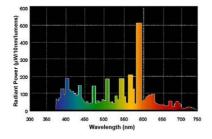
U - Universal

All lamps are rated for enclosed fixtures, except lamps with S-rated ANSI codes operated in vertical position only (Base Up or Base Down),  $\pm$  15 degrees, can be used in an open fixture.

Match ANSI code of lamp to code on ballast or luminaire.

Use in luminaire which comply with UL1598 or IEC 60598. When used, fixture lens/diffuser material must be able to contain fragments of hot quartz or glass (up to 1100 Centigrade).

FOR USE ON DIMMING SYSTEMS - Contact your local GE Lighting sales representative



Feb 23, 2018 6:09:53 AM For additional information, visit www.gelighting.com