



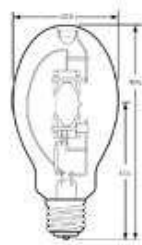
Commercial Products &amp; Solutions

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GE Multi-Vapor® Quartz Metal Halide ED28

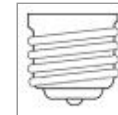
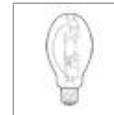
**GENERAL CHARACTERISTICS**

Lamp type	High Intensity Discharge - Quartz Metal Halide
Bulb	ED28
Base	Mogul Screw (E39)
Bulb Finish	Coated
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	239 picograms Hg per mean lumen hour



Bulb

Base

[View Larger](#)**PHOTOMETRIC CHARACTERISTICS**

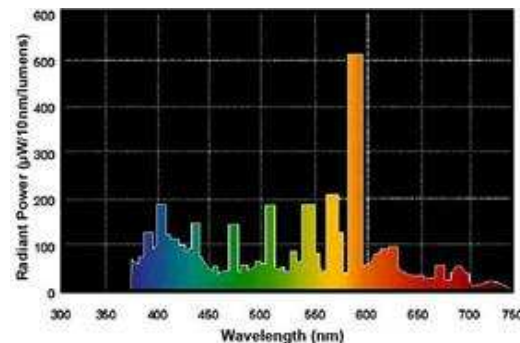
Initial Lumens (Hor)	18200
Initial Lumens (Vert)	19800
Mean Lumens (Hor)	11600
Mean Lumens (Vert)	13000
Nominal Initial Lumens per Watt	72
Color Temperature	3900 K
Color Rendering Index (CRI)	70
Effective Arc Length	1.400000 in (35.560000 mm)

**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	8.2500 in (209.5 mm)
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(MOL)

Nominal Length	8.250 in (209.5 mm)
Bulb Diameter (DIA)	3.500 in (88.9 mm)
Light Center Length (LCL)	5.000 in (127 mm)

**PRODUCT INFORMATION**

Product Code	42731
Description	MVR250/C/U
ANSI Code	M58
Standard Package	Case
Standard Package GTIN	00043168427319
Standard Package Quantity	12
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	12
UPC	043168970648

**COMPATIBLE GE BALLASTS**

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
<a href="#">86564</a>	1110246CTC000C	1	90.0	1.0
<a href="#">87211</a>	GEM250ML5AC3-5	1	90.0	1.0
<a href="#">71702</a>	GEM250ML5AC3-55	1	90.0	1.0
<a href="#">86765</a>	GEM250MLTAC3-5	1	90.0	1.0

**⚠ 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>

[See list of cautions & warnings.](#)

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