



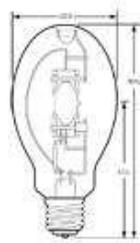
Commercial Products & Solutions

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GE Multi-Vapor® Quartz Metal Halide ED28

**GENERAL CHARACTERISTICS**

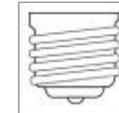
Lamp type	High Intensity Discharge - Quartz Metal Halide
Bulb	ED28
Base	Mogul Screw (E39)
Bulb Finish	Clear
Wattage	250
Rated Life (Hor)	6000 hrs
Rated Life (Vert)	10000 hrs
Bulb Material	Hard glass
Lamp Enclosure Type (LET)	Enclosed fixtures only
LEED-EB MR Credit	230 picograms Hg per mean lumen hour



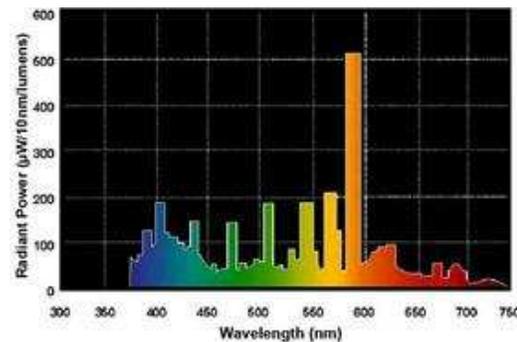
Bulb



Base

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

Initial Lumens (Hor)	19100
Initial Lumens (Vert)	20800
Mean Lumens (Hor)	12400
Mean Lumens (Vert)	13500
Nominal Initial Lumens per Watt	76
Color Temperature	4200 K
Color Rendering Index (CRI)	65
Effective Arc Length	1.400000

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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 1/4
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(MOL)

Nominal Length	8 1/4
Bulb Diameter (DIA)	3 1/2
Light Center Length (LCL)	5

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 Package	12
UPC	043168427296

COMPATIBLE GE BALLASTS

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
86564	1110246CTC000C	1	90.0	1.0
87211	GEM250ML5AC3-5	1	90.0	1.0
71702	GEM250ML5AC3-55	1	90.0	1.0
86765	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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