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## 43828 – MVR400/U

GE Multi-Vapor® Quartz Metal Halide ED37

### GENERAL CHARACTERISTICS

Lamp type	High Intensity Discharge - Quartz Metal Halide
Bulb	ED37
Base	Mogul Screw (E39)
Bulb Finish	Clear
Wattage	400
Rated Life (Hor)	15000 hrs
Rated Life (Vert)	20000 hrs
Bulb Material	Hard glass
Lamp Enclosure Type (LET)	Open Fixture-Restricted Position (S-Rated)
LEED-EB MR Credit	130 picograms Hg per mean lumen hour

### PHOTOMETRIC CHARACTERISTICS

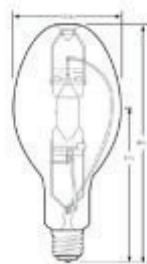
Initial Lumens (Hor)	33100
Initial Lumens (Vert)	36000
Mean Lumens (Hor)	22100
Mean Lumens (Vert)	23500
Nominal Initial Lumens per Watt	82
Color Temperature	4000 K
Color Rendering Index (CRI)	65
Effective Arc Length	1.200000 in (30.480000 mm)

### 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

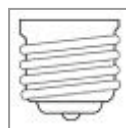
Maximum Overall Length (MOL)	11.5000 in (292.1 mm)
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Bulb



Base


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### ADDITIONAL RESOURCES



Nominal Length	11.500 in (292.1 mm)
Bulb Diameter (DIA)	4.625 in (117.4 mm)
Light Center Length (LCL)	7.000 in (177.8 mm)

**PRODUCT INFORMATION**

Product Code	43828
Description	MVR400/U
ANSI Code	M59
Standard Package	Case
Standard Package GTIN	10043168438282
Standard Package Quantity	6
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	6
UPC	043168438285

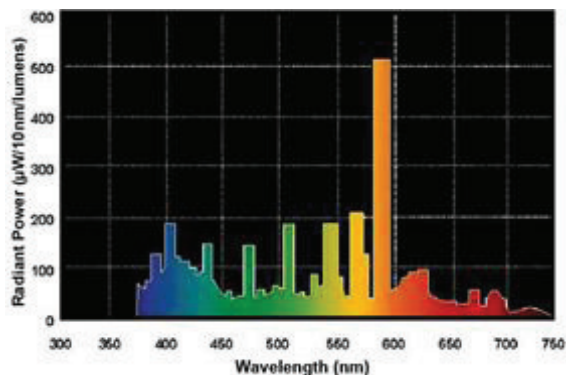
**COMPATIBLE GE BALLASTS**

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
<a href="#">80728</a>	1111-247SCTC0001	1		1.0
<a href="#">86803</a>	GEM40048TAC4-5	1	90.0	1.0
<a href="#">72300</a>	GEM400ML5AA4-5	1	90.0	
<a href="#">71703</a>	GEM400ML5AC4-55	1	90.0	1.0
<a href="#">72149</a>	GEM400MLTAA4-5	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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