



GE Consumer & Industrial
Lighting

Commercial Products & Solutions

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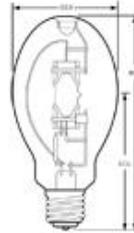
27501 – MVR320/VBU/HO/PA

GE Multi-Vapor® PulseArc® Quartz Metal Halide ED28



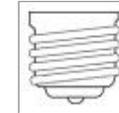
GENERAL CHARACTERISTICS

Lamp type	High Intensity Discharge - Quartz Metal Halide
Bulb	ED28
Base	Mogul Screw (E39)
Bulb Finish	Clear
Wattage	320
Rated Life	20000 hrs
Bulb Material	Hard glass
Lamp Enclosure Type (LET)	Enclosed fixtures only



Bulb

Base



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PHOTOMETRIC CHARACTERISTICS

Initial Lumens	31000
Mean Lumens	18000
Nominal Initial Lumens per Watt	96
Color Temperature	4000 K
Color Rendering Index (CRI)	65
Effective Arc Length	1.417320 in (35.999928 mm)

ELECTRICAL CHARACTERISTICS

Burn Position	Vertical base up $\pm 15^\circ$
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)	8.2500 in (209.5 mm)
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	27501
Description	MVR320/VBU/HO/PA

ADDITIONAL RESOURCES

Catalogs

Testimonials

Brochures

Application/Segment Brochures

- [Canopy Lighting](#)
- [Contractor Lighting](#)
- [Retail Lighting](#)

Product Brochures

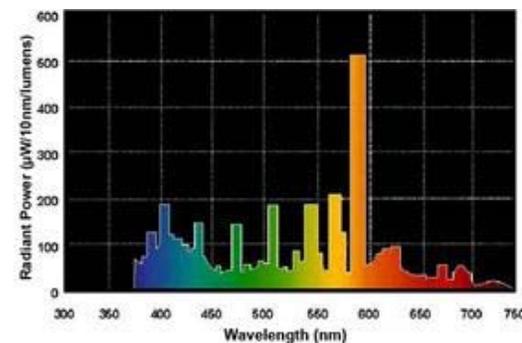
- [HID Lamps](#)
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- [Metal Halide Lamps](#)
- [PulseArc MV](#)

MSDS (Material Safety Data Sheets)

Disposal Policies & Recycling Information

GRAPHS & CHARTS

Spectral Power Distribution



ANSI Code	M132/M154
Standard Package	Case
Standard Package GTIN	10043168275016
Standard Package Quantity	12
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	12
UPC	043168275019

COMPATIBLE GE BALLASTS

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
29377	GE-MH-250-400-MA	1	99.0	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/radhlth/urburns.html>

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

NOTES

- When operated on a 120 hrs. cycle (minimum), lamp life rating may be extended by up to 50% based on engineering estimates.

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