



GE Consumer & Industrial  
Lighting

Commercial Products & Solutions

[SITE SEARCH](#)

[HOME](#)

[PRODUCTS](#)

[EDUCATION / RESOURCES](#)

[LIGHTING APPLICATIONS](#)

[Where to Buy](#) | [FAQs](#) | [Contact Us](#) | [EliteNet](#)

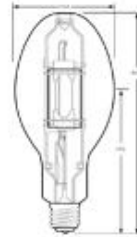
## 46273 – MPR400/VBU/XHOPA

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



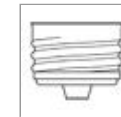
### GENERAL CHARACTERISTICS

|                           |  |
|---------------------------|--|
| Lamp type                 | High Intensity Discharge - Quartz Metal Halide |
| Bulb                      | ED37   |
| Base                      | Mogul Screw (EX39)                             |
| Bulb Finish               | Clear  |
| Wattage                   | 400  |
| Rated Life                | 20000 hrs                                      |
| Bulb Material             | Hard glass                                     |
| Lamp Enclosure Type (LET) | Open or enclosed fixtures                      |
| Additional Info           | High output                                    |



Bulb

Base



[View Larger](#)

### PHOTOMETRIC CHARACTERISTICS

|                                 |                            |
|---------------------------------|----------------------------|
| Initial Lumens                  | 42000                      |
| Mean Lumens                     | 29500                      |
| Nominal Initial Lumens per Watt | 105                        |
| Center Beam                     | 0                          |
| Candlepower (CBCP)              |                            |
| Color Temperature               | 4000 K                     |
| Color Rendering Index (CRI)     | 65                         |
| Effective Arc Length            | 1.574800 in (39.999920 mm) |

### ELECTRICAL CHARACTERISTICS

|                               |                                 |
|-------------------------------|---------------------------------|
| Burn Position                 | Vertical base up $\pm 15^\circ$ |
| Warm Up Time to 90%           | 5 min                           |
| 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) |
| 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)   |

### ADDITIONAL RESOURCES

#### [Catalogs](#)

#### [Testimonials](#)

#### [Brochures](#)

Application/Segment Brochures

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

Product Brochures

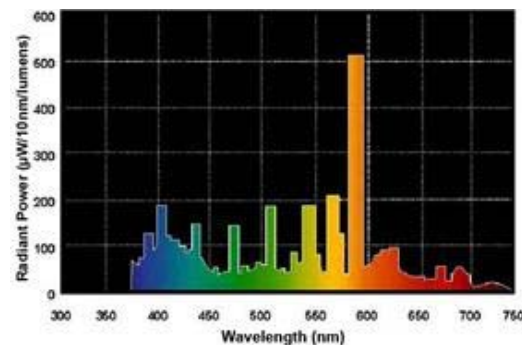
- [HID Lamps](#)
- [Industrial Lighting](#)

#### [MSDS \(Material Safety Data Sheets\)](#)

#### [Disposal Policies & Recycling Information](#)

### GRAPHS & CHARTS

#### Spectral Power Distribution



**PRODUCT INFORMATION**

|                                     |                  |
|-------------------------------------|------------------|
| Product Code                        | 46273            |
| Description                         | MPR400/VBU/XHOPA |
| ANSI Code                           | M155             |
| Standard Package                    | Case             |
| Standard Package<br>GTIN            | 10043168462737   |
| Standard Package<br>Quantity        | 6                |
| Sales Unit                          | Unit             |
| No Of Items Per Sales<br>Unit       | 1                |
| No Of Items Per<br>Standard Package | 6                |
| UPC                                 | 043168462730     |

**COMPATIBLE GE BALLASTS**

| Product Code          | Description      | # of Bulbs | Power Factor | Ballast Factor |
|-----------------------|------------------|------------|--------------|----------------|
| <a href="#">29377</a> | GE-MH-250-400-MA | 1          | 99.0         | 1.0            |
| <a href="#">87008</a> | P400MLTAC4M500K  | 1          | 90.0         | 1.0            |
| <a href="#">86999</a> | P40048TAC4M500K  | 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/radhth/urburns.html>

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

[Return To Top](#)

[Home](#) | [Products](#) | [EliteNet](#) | [Education/Resources](#) | [Lighting Applications](#) | [Where to Buy](#) | [FAQs](#) | [Contact Us](#) | [Site Map](#)  
[Products for Your Home](#) | [Press Room](#) | [Corporate](#) | [Investor Information](#) | [Privacy Policy](#) | [Accessibility Statement](#) | [Terms of Use](#)

Copyright General Electric Company 1997-2007