

**Presented By:** Candela Corporation  
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**Customer Name:**  
**Project Name:**  
**Fixture Type:**

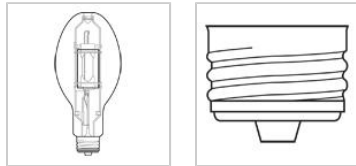
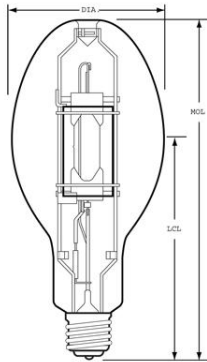


**GE**  
**Lighting**

**11685 - MPR360CVBUWMHO/O**

GE Protected Multi-Vapor® Watt-Miser® Quartz Metal Halide ED37

- Saves energy compared to standard wattage lamps



**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>

**Caution**

- Lamp may shatter and cause injury if broken
  - Dispose of lamp in a closed container.
  - Do not use excessive force when installing lamp.
  - Do not use lamp if outer glass is scratched or broken.

**Warning**

- Unexpected lamp rupture may cause injury, fire, or property damage
  - Do not exceed rated voltage.
  - Do not store flammable materials near/below lamp.
  - Do not turn on lamp until fully installed.
  - Do not use beyond rated life.
  - Do not use lamp if outer glass is scratched or broken.
  - Do not use where directly exposed to water or outdoors without an enclosed fixture.
  - If used on a dimming system, see instructions.
  - Operate lamp only in specified position.
  - Turn lamp off at least once for 15 minutes per week.
  - Use only properly rated ballast.
- A damaged lamp emits UV radiation which may cause eye/skin injury
  - Turn power off if glass bulb is broken. Remove and dispose of lamp.
- Risk of Burn
  - Allow lamp to cool before handling.
  - Do not turn on lamp until fully installed.
- Risk of Electric Shock
  - Do not use where directly exposed to water or outdoors without an enclosed fixture.
  - Turn power off before inspection, installation or removal.
- Risk of Fire
  - Keep combustible materials away from lamp.

For additional information, visit [www.gelighting.com](http://www.gelighting.com)

**GENERAL CHARACTERISTICS**

Lamp Type	High Intensity Discharge - Quartz Metal Halide ED37
Bulb	ED37
Base	Mogul Screw (EX39)
Bulb Finish	Coated
Rated Life (Vert)	20000.0 h
Rated Life (NOM)	20000.0 h
Bulb Material	Hard glass
Lamp Enclosure Type (LET)	Open or enclosed fixtures
Mercury Content (NOM)	52.0 mg
Picograms of Mercury (NOM)	115.6 pg

**PHOTOMETRIC CHARACTERISTICS**

Initial Lumens (NOM)	35000.0
Mean Lumens (Vert)	0.0
Mean Lumens (NOM)	22500.0
Nominal Initial Lumens per Watt (NOM)	97.22222
Color Temperature (NOM)	3700.0 K
Color Rendering Index (CRI) (NOM)	70.0

**ELECTRICAL CHARACTERISTICS**

Amps (NOM)	2.0 A
Wattage (NOM)	360.0
Burn Position	Vertical base up ±15°
Open Circuit Voltage (peak lead ballast) (MIN)	2.0 V
Open Circuit Voltage (RMS lag ballast) (MIN)	2.0 V
Warm Up Time to 90% (MIN)	2.0 min
Warm Up Time to 90% (MAX)	5.0 min
Warm Up Time to 90% (NOM)	2.0 min
Hot Restart Time to 90% (MIN)	10.0 min
Hot Restart Time to 90% (MAX)	15.0 min

**DIMENSIONS**

Maximum Overall Length (MOL) (NOM)	11.500 in(292.1 mm)
Bulb Diameter (DIA) (NOM)	4.625 in(117.5 mm)
Light Center Length (LCL) (NOM)	7.000 in(177.8 mm)

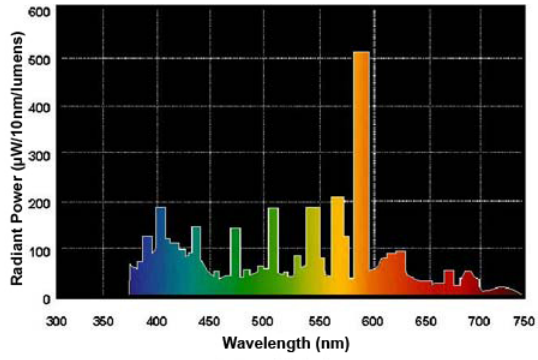
**PRODUCT INFORMATION**

Product Code	11685
Description	MPR360CVBUWMHO/O
ANSI Code	M59/M165
Standard Package	Case
Standard Package GTIN	10043168116852
Standard Package Quantity	6
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	6
UPC	043168116855

- Use in fixture rated for this product.

## GRAPHS & CHARTS

### Graphs\_Spectral Power Distribution



### NOTES

- Lamp will run at 400-watts when used on a linear reactor ballast.