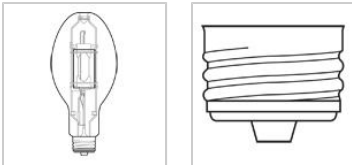
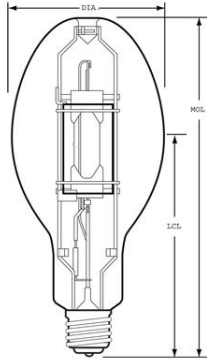




GE
Lighting

13582 - MPR400C/VBU/HO/O

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



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

- Risk of Fire
 - Keep combustible materials away from lamp.
 - Use in fixture rated for this product.
- 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.
- Risk of Burn
 - Allow lamp to cool before handling.
 - Do not turn on lamp until fully installed.
- 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 Electric Shock
 - Do not use where directly exposed to water or outdoors without an enclosed fixture.
 - Turn power off before inspection, installation or removal.

GRAPHS & CHARTS

Spectral Power Distribution

GENERAL CHARACTERISTICS

Lamp Type	High Intensity Discharge - Quartz Metal Halide
Bulb	ED37
Base	Mogul Screw (EX39)
Bulb Finish	Coated
Wattage	400
Rated Life	20000 hrs
Bulb Material	Hard glass
Lamp Enclosure Type (LET)	Open or enclosed fixtures
LEED-EB MR Credit	126 picograms Hg per mean lumen hour
Additional Info	High output

PHOTOMETRIC CHARACTERISTICS

Initial Lumens	38000
Mean Lumens	25000
Nominal Initial Lumens per Watt	95
Color Temperature	3200 K
Color Rendering Index (CRI)	70

ELECTRICAL CHARACTERISTICS

Burn Position	Vertical base up ±15°
Open Circuit Voltage (peak lead ballast)	540 V
Open Circuit Voltage (RMS lag ballast)	382 V
Warm Up Time to 90%	2 min
Warm Up Time to 90% (MIN)	2 min
Warm Up Time to 90% (MAX)	2 min
Hot Restart Time to 90% (MIN)	10 min
Hot Restart Time to 90% (MAX)	15 min

DIMENSIONS

Maximum Overall Length (MOL)	11.5 cm
Nominal Length	11.5 cm
Bulb Diameter (DIA)	4.625 cm
Bulb Diameter (DIA) (MAX)	4.625 cm
Light Center Length (LCL)	7 cm

PRODUCT INFORMATION

Product Code	13582
Description	MPR400C/VBU/HO/O
ANSI Code	M59
Standard Package	Case
Standard Package GTIN	10043168135822
Standard Package Quantity	6
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	6
UPC	043168135825