

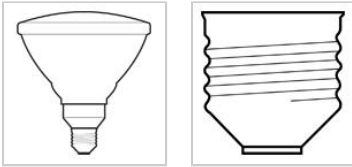
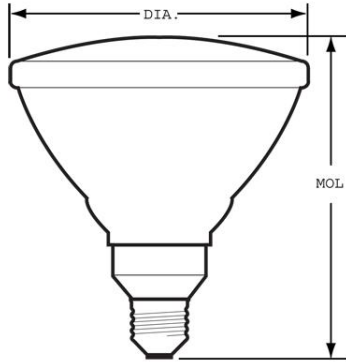


GE
Lighting

45680 - CMH100PAR38SPECO

GE ConstantColor® CMH® Ceramic Metal Halide PAR38

- Passes TCLP, which can lower disposal costs.



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
 - Do not use lamp if outer glass is scratched or broken.
- Risk of Burn
 - Allow lamp to cool before handling.
 - Do not turn on lamp until fully installed.

Warning

- Lamp emits UV radiation which may cause eye/skin irritation.
 - 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.
- 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 turn on lamp until fully installed.
 - Do not use lamp if outer glass is scratched or broken.
 - Use only properly rated ballast.

NOTES

- Rated life based on 11 hours per start

GENERAL CHARACTERISTICS

| | |
|---------------------------|---|
| Lamp Type | High Intensity Discharge - Ceramic Metal Halide |
| Bulb | PAR38 |
| Base | Medium Screw (E26) |
| Bulb Finish | Clear |
| Rated Life | 10000.0 hrs |
| Bulb Material | Hard glass |
| Lamp Enclosure Type (LET) | Open or enclosed fixtures |
| Base Temperature (MAX) | 190.0 °C |
| Bulb Temperature (MAX) | 350.0 °C |
| LEED-EB MR Credit | 112 picograms Hg per mean lumen hour |
| Additional Info | TCLP compliant/UV control |

PHOTOMETRIC CHARACTERISTICS

| | |
|---------------------------------|----------|
| Initial Lumens | 6500.0 |
| Nominal Initial Lumens per Watt | 65 |
| Beam Spread | 15.0 ° |
| Center Beam Candlepower (CBCP) | 45000.0 |
| Color Temperature | 3000.0 K |
| Color Rendering Index (CRI) | 81.0 |

ELECTRICAL CHARACTERISTICS

| | |
|--|----------------------------|
| Wattage | 100.0 |
| Burn Position | Universal burning position |
| Open Circuit Voltage (peak lead ballast) (MIN) | 332.0 V |
| Open Circuit Voltage (RMS lag ballast) (MIN) | 235.0 V |
| Warm Up Time to 90% (MAX) | 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) | 5.2800 in(134.1 mm) |
| Nominal Length | 5.310 in(134.9 mm) |
| Bulb Diameter (DIA) | 4.800 in(121.9 mm) |

PRODUCT INFORMATION

| | |
|----------------------------------|------------------|
| Product Code | 45680 |
| Description | CMH100PAR38SPECO |
| ANSI Code | C90/ M90/ M140 |
| Standard Package | Case |
| Standard Package GTIN | 10043168456804 |
| Standard Package Quantity | 6 |
| Sales Unit | Unit |
| No Of Items Per Sales Unit | 1 |
| No Of Items Per Standard Package | 6 |
| UPC | 043168456807 |

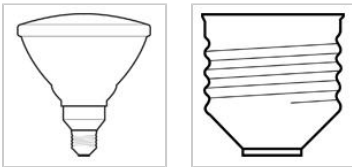
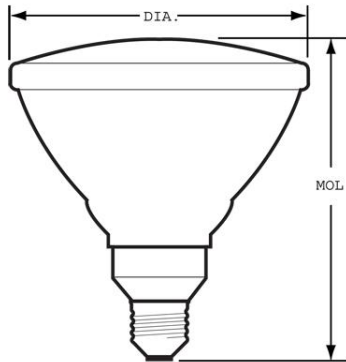


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