



GE
Lighting

71492 - CMH39MR16/942/FL

GE ConstantColor® CMH® Ceramic Metal Halide MR16

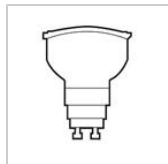
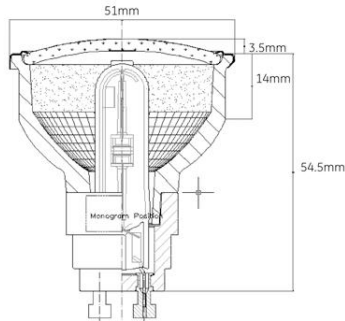


Photo
Not Available

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 excessive force when installing lamp.
 - 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

- 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.
 - Use only properly rated ballast.
- 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 fused or thermally protected ballast - see instructions.
 - Use in fixture rated for this product.

GRAPHS & CHARTS

Graphs_Lamp Mortality

GENERAL CHARACTERISTICS

| | |
|----------------------------|---|
| Lamp Type | High Intensity Discharge - Ceramic Metal Halide |
| Bulb | MR16 |
| Base | GX10 |
| Bulb Finish | Clear |
| Rated Life (NOM) | 12000.0 h |
| Bulb Material | Hard glass |
| Lamp Enclosure Type (LET) | Open or enclosed fixtures |
| Base Temperature (MAX) | 300.0 °C |
| Bulb Temperature (MAX) | 300.0 °C |
| Mercury Content (NOM) | 3.5 mg |
| Picograms of Mercury (NOM) | 140.2 pg |
| Additional Info | UV control |
| Primary Application | Indoor Spotlight |

PHOTOMETRIC CHARACTERISTICS

| | |
|---------------------------------------|----------|
| Initial Lumens (NOM) | 2200.0 |
| Nominal Initial Lumens per Watt (NOM) | 56.41026 |
| Beam Spread (NOM) | 25.0 ° |
| Center Beam Candlepower (CBCP) (NOM) | 5500.0 |
| Color Temperature (NOM) | 4000.0 K |
| Color Rendering Index (CRI) (NOM) | 92.0 |

ELECTRICAL CHARACTERISTICS

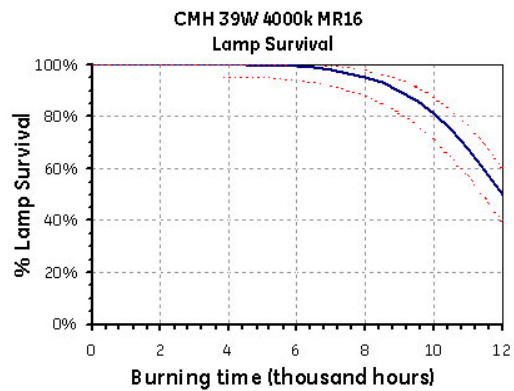
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|--|----------------------------|
| Wattage (NOM) | 39.0 |
| Burn Position | Universal burning position |
| Open Circuit Voltage (peak lead ballast) (MIN) | 95.0 V |
| Warm Up Time to 90% (NOM) | 3.0 min |
| Hot Restart Time to 90% (NOM) | 6.5 min |

DIMENSIONS

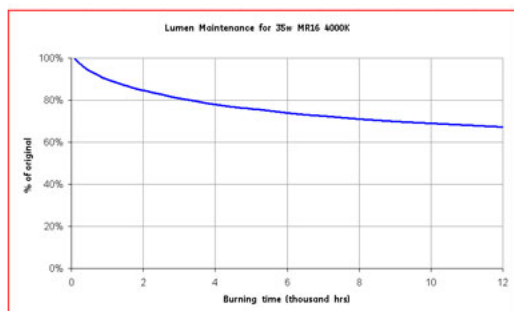
| | |
|------------------------------------|-------------------|
| Maximum Overall Length (MOL) (NOM) | 2.540 in(64.5 mm) |
| Bulb Diameter (DIA) (MAX) | 2.000 in(50.8 mm) |
| Bulb Diameter (DIA) (NOM) | 2.000 in(50.8 mm) |

PRODUCT INFORMATION

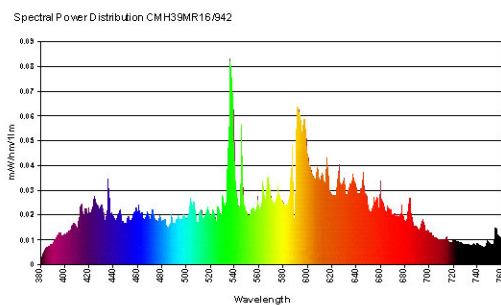
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|----------------------------------|------------------|
| Product Code | 71492 |
| Description | CMH39MR16/942/FL |
| ANSI Code | C130/M130 |
| Standard Package | Case |
| Standard Package GTIN | 10043168714928 |
| Standard Package Quantity | 12 |
| Sales Unit | Unit |
| No Of Items Per Sales Unit | 1 |
| No Of Items Per Standard Package | 12 |
| UPC | 043168714921 |



Graphs_Lumen Maintenance



Graphs_Spectral Power Distribution



NOTES

- Rated life based on 11 hours per start
- Use only with low frequency square wave (LFSW) electronic ballast.