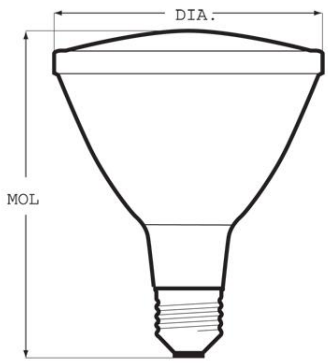
GE Lighting

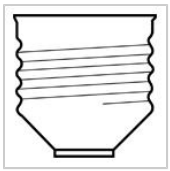
22159 - CMH70PAR30L830FL

GE ConstantColor® CMH® Ceramic Metal Halide PAR30L









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

Warning

- 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.
  - Use fused or thermally protected ballast - see instructions.
  - 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.
  - Use only properly rated ballast.

NOTES

- Lamps designated as CMH70/PAR30 do not require thermally protected ballasts
- Rated life based on 11 hours per start

GENERAL CHARACTERISTICS

Lamp Type	High Intensity Discharge - Ceramic Metal Halide
Bulb	PAR30L
Base	Medium Screw (E26)
Bulb Finish	Clear
Rated Life	13000.0 hrs
Bulb Material	Hard glass
Lamp Enclosure Type (LET)	Open or enclosed fixtures
Base Temperature (MAX)	200.0 °C
Bulb Temperature (MAX)	300.0 °C
LEED-EB MR Credit	131 picograms Hg per mean lumen hour
Additional Info	UV control

PHOTOMETRIC CHARACTERISTICS

Initial Lumens	4700.0
Nominal Initial Lumens per Watt	67
Beam Spread	40.0 °
Center Beam Candlepower (CBCP)	10000.0
Color Temperature	3000.0 K
Color Rendering Index (CRI)	80.0

ELECTRICAL CHARACTERISTICS

Wattage	70.0
Burn Position	Universal burning position
Open Circuit Voltage (peak lead ballast) (MIN)	280.0 V
Open Circuit Voltage (RMS lag ballast) (MIN)	198.0 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)	4.7500 in(120.6 mm)
Nominal Length	4.600 in(116.8 mm)
Bulb Diameter (DIA) (MAX)	3.750 in(95.2 mm)
Bulb Diameter (DIA)	3.760 in(95.5 mm)

PRODUCT INFORMATION

Product Code	22159
Description	CMH70PAR30L830FL
ANSI Code	C139/M98
Standard Package	Case
Standard Package GTIN	10043168221594
Standard Package Quantity	6
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	6
UPC	043168221597