



GE
Lighting

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[PRODUCTS](#)

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[Where to Buy](#) | [FAQs](#) | [Contact Us](#) | [EliteNet](#)

[Products](#) > 45682

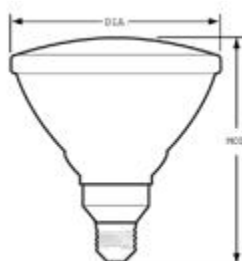
45682 – CMH100PAR38WFECO

GE ConstantColor® PulseArc® CMH® Ceramic Metal Halide PAR38



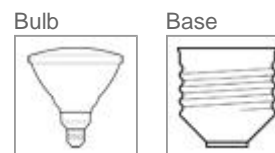
- Passes TCLP, which can lower disposal costs.

a product of
ecomagination



GENERAL CHARACTERISTICS

Lamp type	High Intensity Discharge - Ceramic Metal Halide
Bulb	PAR38
Base	Medium Screw (E26)
Wattage	100
Rated Life	10000 hrs
Bulb Material	Hard glass
Lamp Enclosure Type (LET)	Open or enclosed fixtures
LEED-EB MR Credit	112 picograms Hg per mean lumen hour
Additional Info	TCLP compliant, UV control



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PHOTOMETRIC CHARACTERISTICS

Initial Lumens	6500
Nominal Initial Lumens per Watt	65
Beam Spread	60 °
Center Beam Candlepower (CBCP)	5500
Color Temperature	3000 K
Color Rendering Index (CRI)	81

ELECTRICAL CHARACTERISTICS

Burn Position	Universal burning position
Open Circuit Voltage (peak lead ballast) (MIN)	332 V/332 V
Open Circuit Voltage (RMS lag ballast) (MIN)	235 V
Warm Up Time to 90% (MAX)	2 min/3 min

ADDITIONAL RESOURCES

[Catalogs](#)

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- [GE ConstantColor® CMH® Lamps](#)

[IES/Photometric Download](#) [IES/Photometric Download](#)

[MSDS \(Material Safety Data Sheets\)](#)

[Disposal Policies & Recycling Information](#)

Hot Restart Time to 90% (MIN)	10 min
Hot Restart Time to 90% (MAX)	15 min

DIMENSIONS

Maximum Overall Length (MOL)	5.3100 in (134.8 mm)
Nominal Length	5.310 in (134.8 mm)
Bulb Diameter (DIA)	4.750 in (120.6 mm)

PRODUCT INFORMATION

Product Code	45682
Description	CMH100PAR38WFECO
ANSI Code	M140/M90
Standard Package	Case
Standard Package GTIN	10043168456828
Standard Package Quantity	6
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	6
UPC	043168456821

COMPATIBLE GE BALLASTS

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
86574	11210239CTC000I	1	0.9	1.0
86667	GEM10048TLC3D-5	1	0.9	1.0
86675	GEM100MLTLC3D-5	1	0.9	1.0
87561	GEMH100-SLJ-MV	1	0.98	1.0

 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>

[See list of cautions & warnings.](#)

NOTES

- Rated life based on 11 hours per start

[Return To Top](#)

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