



Commercial Products &amp; Solutions

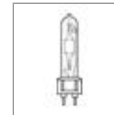
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GE ConstantColor® PulseArc® CMH® Ceramic Metal Halide T4.5

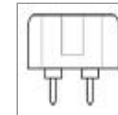

 a product of  
**ecomagination**
**GENERAL CHARACTERISTICS**

Lamp type	High Intensity Discharge - Ceramic Metal Halide
Bulb	T4.5
Base	Bi-Pin (G12)
Wattage	20
Rated Life	12000 hrs
Bulb Material	Quartz
Lamp Enclosure Type (LET)	Enclosed fixtures only
LEED-EB MR Credit	167 picograms Hg per mean lumen hour
Additional Info	UV control

Bulb



Base

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Initial Lumens	1600
Mean Lumens	1200
Nominal Initial Lumens per Watt	80
Color Temperature	3000 K
Color Rendering Index (CRI)	81

**ADDITIONAL RESOURCES**[Catalogs](#)[Testimonials](#)[Sell Sheets](#)

- [ConstantColor® CMH® Single-Ended G12 Lamps](#)
- [ConstantColor® CMH® Single-Ended G12 Lamps - OEM Data Sheet](#)

[MSDS \(Material Safety Data Sheets\)](#)[Disposal Policies & Recycling Information](#)**ELECTRICAL CHARACTERISTICS**

Burn Position	Universal burning position
Warm Up Time to 90% (MAX)	2 min/3 min
Hot Restart Time to 90% (MIN)	10 min
Hot Restart Time to 90% (MAX)	15 min

**DIMENSIONS**

Maximum Overall Length (MOL)	3.5600 in (90.4 mm)
Light Center Length (LCL)	2.180 in (55.3 mm)

**PRODUCT INFORMATION**

Product Code	29703
Description	CMH20T/U/830/G12

ANSI Code	M156
Standard Package	Case
Standard Package GTIN	10043168297032
Standard Package Quantity	12
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	12
UPC	043168297035

**COMPATIBLE GE BALLASTS**

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
<a href="#">87490</a>	GEMH20-MLF-120	1	56.0	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.](#)

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