

**Product Code:MHCA/0020-MHCA/0021**

**Description: CMP35W/AR111/830/FL/GX8.5/Clear- CMP35W/AR111/830/WFL/GX8.5/Clear**

**Product Name: Ceramic Metal Halide Lamps**

**Technical Performance Data Sheet**

**MHCA/0020: CMP35W/AR111/830/FL/GX8.5/Clear**

Center Intensity	15000/11000
Beam Angle	Flood25Deg/WideFlood36Deg
Rated Life ( Hours )	10000
Color Temperature (k)	3000K
Chromaticity (CIE-x/y)	0.429,0.395
Color Rendering Index (CRI)	80
To 90% Warm Up Time (Minute)	2 to 3 Minutes
Hot Restart Time (Minute)	10 to 15 Minutes
Burning Position	Vertical



**Physical Data/ Requirements**

Base Designation	GX8.5
Bulb Designation	AR111
Bulb Diameter mm	112mm
Max Overall Length (MOL) mm	95mm
Light Center Length (LCL) mm	NA

**MHCA/0021: CMP35W/AR111/830/WFL/GX8.5/Clear**

Effective Arc Length	6mm
Max Base Temperature	200°C
Max Bulb Temperature	400°C
Luminaire type	OPEN
Socket Pulse Rating (V)	3500-4500V



**Electrical Data/ Requirement**

Lamp Wattage (W)	35W
Operating Voltage (V)	85V
Operating Current (Amps)	0.53A
Min. Open Circuit Voltage (RMS)	210V
Min Max Starting Pulse (Peak v)	3500-4500V
Min Pulse Width (u sec)	1
Min Pulse Rate Per 1/2 Cycle	1
Pulse Position(Min.% OCV Peak)	60° ~ 90°

Revision : 17/09/2012

This lamp can cause skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured.  
 Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used, \*This is for reference, not the absolute standard.