

**Product Code:MHCA/0005-MHCA/0006**

**Description: CMP35W/T/830/G12/Clear/Europe-CMP35W/T/942/G12/Clear/Europe**

**Product Name: Ceramic Metal Halide Lamps**

**Technical Performance Data Sheet**

**MHCA/0005: CMP35W/T/830/G12/Clear**

|                              |                  |
|------------------------------|------------------|
| Light Output (Lumens/100Hrs) | 3400/3150        |
| Lamp Lumens Per Watt         | 97/90            |
| Mean Output (Lumens)         | 2900/2600        |
| Rated Life ( Hours )         | 15000            |
| Color Temperature (k)        | 3000K/4200K      |
| Chromaticity (CIE-x/y)       | NA               |
| Color Rendering Index (CRI)  | 80/90            |
| To 90% Warm Up Time (Minute) | 2 to 3 Minutes   |
| Hot Restart Time (Minute)    | 10 to 15 Minutes |
| Burning Position             | UNIVERSAL        |



**Physical Data/ Requirements**

|                              |                 |
|------------------------------|-----------------|
| Base Designation             | G12             |
| Bulb Designation             | Tubular UV-STOP |
| Bulb Diameter mm             | 19±1/mm         |
| Max Overall Length (MOL) mm  | 90mm            |
| Light Center Length (LCL) mm | 56±1/mm         |
| Effective Arc Length         | 3.8mm           |
| Max Base Temperature         | 280°C           |
| Max Bulb Temperature         | 490°C           |
| Luminaire type               | ENCLOSED        |
| Socket Pulse Rating (V)      | 3500-4500V      |

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**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.