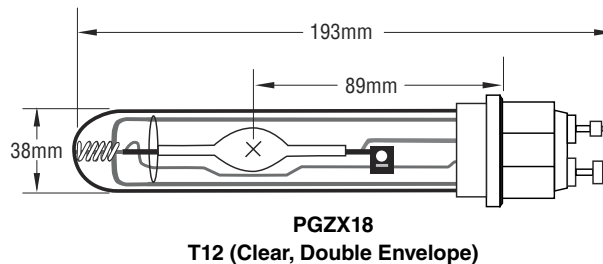


| | |
|-------------|---|
| Description | Ceramic metal halide lamp for plant growth Spectral distribution optimized for photosynthesis efficiency Blue output for healthy plant growth and robustness Ceramic μmol output within the PAR spectral range (Photosynthesis Active Radiation) Economic (long average life, high μmol output, low energy consumption) Easy lamp change |
| Application | Efficient growth lighting in professional greenhouses. |

Specifications

CMH-315W/942/AGRO Product No. 5002537



Performance Data

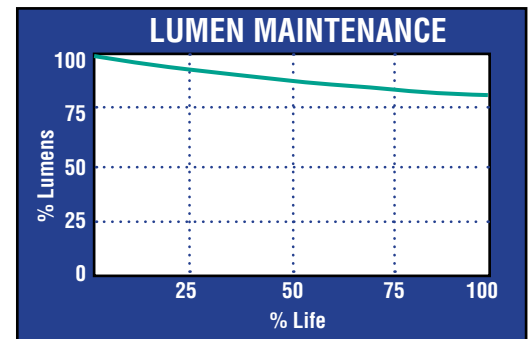
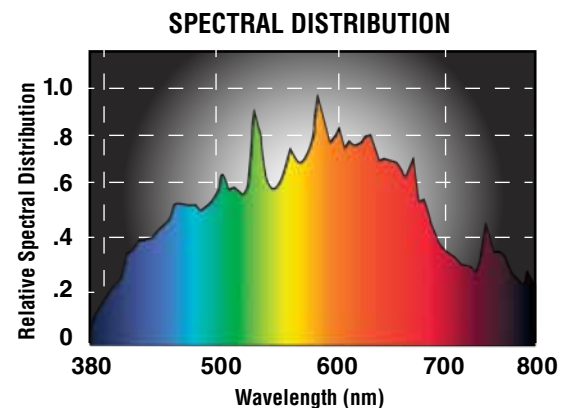
| | |
|-------------------------------------|-------------------|
| Light Output (Lumens @ 100 Hours) | 32000 |
| Lumens per Watt | 100 |
| Rated Life (Hours @ 10 Hour/Start) | 15000 |
| Correlated Color Temperature (K) | 4200K |
| Color Rendering Index (CRI) or (Ra) | ≥ 95 |
| Typical Hot Restart Time (Minutes) | 6-8 |
| Burning Position | BU $\pm 90^\circ$ |

Physical Data / Requirements

| | |
|--|---------------|
| Max. Base Temperature ($^\circ\text{C}$) | 250 |
| Max. Bulb Temperature ($^\circ\text{C}$) | 350 |
| Luminaire Type | Open/Enclosed |

Lamp Electrical Data / Requirements

| | |
|---|----------------------|
| ANSI Standard Ballast | C182/O or Electronic |
| Lamp Wattage (W) | 315W |
| Lamp Operating Voltage (V) | 100V |
| Lamp Operating Current (Amps) | 3.15A |
| Min. Open Circuit Voltage (RMS) | 198V |
| Min. - Max. Starting Pulse (Peak KV) | 4-5.0 |
| Min. Pulse Width @ 2700V (Microseconds) | 1.9 |
| Min. Pulse Rate per $\frac{1}{2}$ Cycle | - |
| Pulse Position (Electrical Degrees) | - |



Note: The specifications contain data about typical performance on 60Hz sine wave ballast at normal power. Actual values may depend on ballast and applications. (Nominal color temperature is based on horizontal operation of the lamp. Off-horizontal positions will result in warmer color temperatures).