



# 深圳市朗文科技实业有限公司

Shenzhen Number Energy Saving Corporation

## TECHNICAL DATASHEET

1000W Ceramic Metal Halide Lamp 3K

### Description

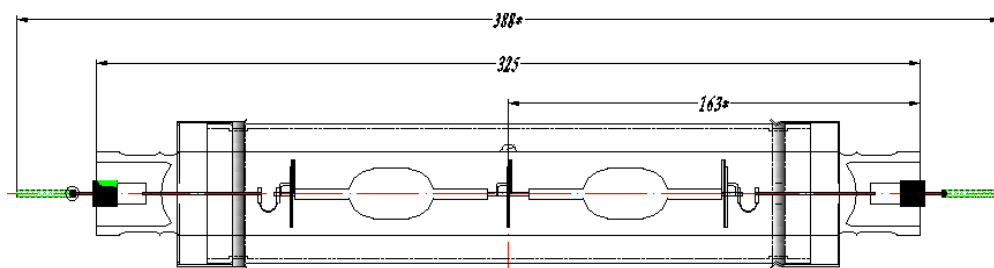
- Ceramic metal halide lamp for plant growth
- More-lumens & spectral distribution optimized for photosynthesis efficiency
- Blue output for healthy plant growth and robustness
- CMH Lamp  $\mu\text{mol}$  output within the PAR spectral range(Photosynthesis Active Radiation)

### Application

- Efficient growth lighting in professional greenhouses.

### Specifications

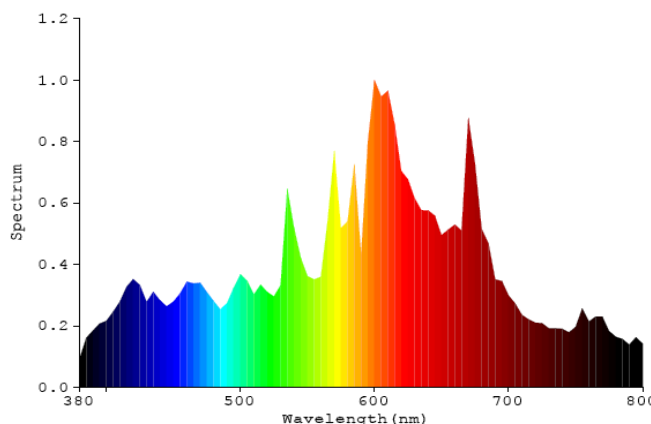
CMH-1000W/ T32.5/DE/3K/Red



T32.5 (Clear, Double Ended)

### Performance Data

Light output(Lumens @ 100 Hours)	98000
Lumens per Watt (lm/w)	100
Rated life (Hours @ 10 Hour / start)	10000
Correlated Color Temperature (K)	3000
Color Rendering Index (CRI) or (Ra)	90
Photon flux ( $\mu\text{mol/s}$ )	1700
Burning Position	HOR $\pm 15^\circ$



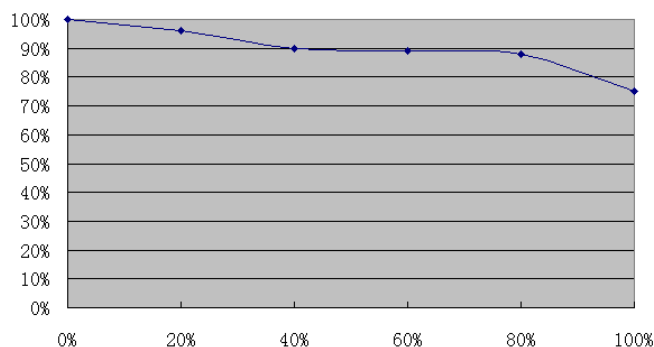
### Physical Data /Requirements

Max.Base Temperature ( $^\circ\text{C}$ )	250
Max.Bulb Temperature ( $^\circ\text{C}$ )	700
Luminaire Type	Open/Enclosed

### Lamp Electrical Data/Requirements

ANSI Standard Ballast	ANSI-S52
Lamp Wattage (W)	1000W
Lamp Operating Voltage(V)	210V
Lamp Operating Current(Amps)	4.7A
Min.Open Circuit Voltage (RMS)	342V
Min.-Max. Starting pulse (Peak KV)	5-6
Min. Pulse Width @ 4500V(Microseconds)	1
Min.Pluse Rate per 1/2Cycle	1
Pulse position (Electrical Degrees)	60-90 , 240-270

### Lumen maintenance(%)



**Notice :** The specifications contains data about typical performance on 50/60Hz sine wave ballast at nominal power.

Actual values may depend on ballast and applications. ( It is best used in the electric ballast )