

TECHNICAL DATASHEET

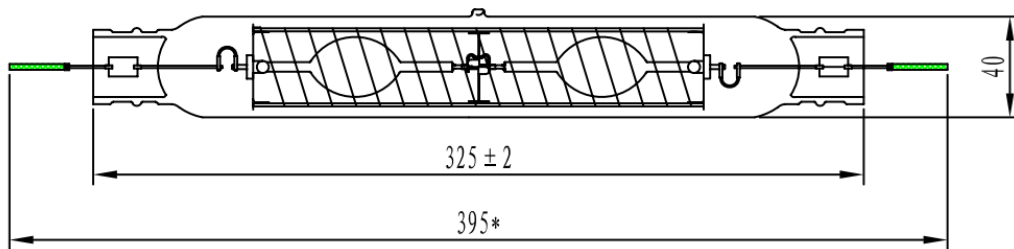
1000W Ceramic Metal Halide Lamp

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 μmol output within the PAR spectral range(Photosynthesis Active Radiation)
 Application
 Efficient growth lighting in professional greenhouses.

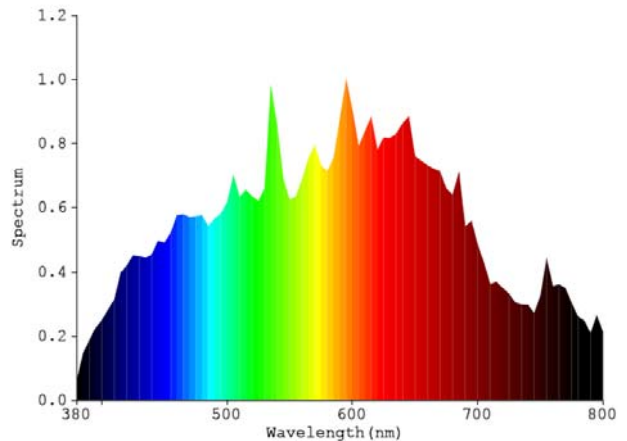
Specifications

CMH-1000W/942/T32.5/DE
 Product No DE-1000W/940



Performance Data

Light output(Lumens @ 100 Hours)	95000
Lumens per Watt (lm/w)	95
Rated life (Hours @ 10 Hour / start)	10000
Correlated Color Temperature (K)	4200
Color Rendering Index (CRI) or (Ra)	95
Photon flux ($\mu\text{mol/s}$)	1500
Burning Position	HOR $\pm 15^\circ$



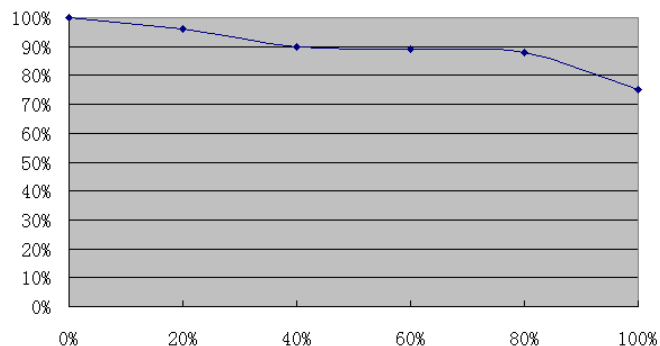
Physical Data /Requirements

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.-Max.Starting pulse (Peak KV)	5-6
Min.Open Circuit Voltage (RMS)	342V
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 date 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)