

AS CG-CMH-315

Agtronstar CeraGrow CMH Grow Light Series



Physical

Dimensions (L x W x T)	29.65cm x 23.85cm x 17.5cm 11.7in x 9.4in x 6.9in
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Performance

Light Source	CMH 315W Lamp	
Input Voltage (Different Ballast Resistor)	120-277V AC	347-480V AC
Input Frequency	48-63Hz	
THD	< 10%	
Power Factor (120V AC Full Load)	120-277V AC 0.98	347-480V AC 0.96
Reflector	ALMECO Vega & Alanod MIRO®	
Dimming	0-10V	
Operation Temperature	0-35°C	
Relative Humidity	25-70%	

Features

- Smart Ignition Control
- Soft Start
- Re-Strike of Hot Lamp
- Automatic Frequency Adjustment
- Full Circuit Protection Indicator
- RF Shielding



Lamp Physical

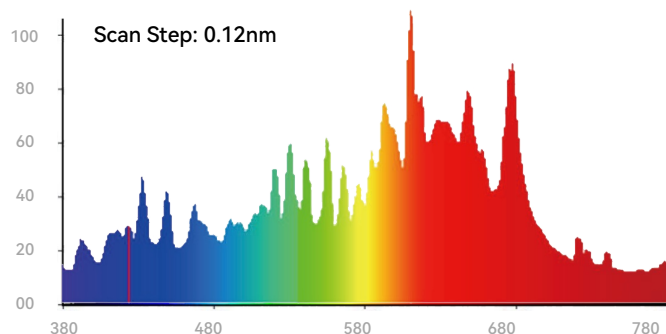
MOL	193mm
LCL	89mm
Arc Length	16mm
Max Cap Diameter	42mm
Max Bulb Diameter(Db)	38mm
Maximum Bulb Temperature	400°C
Bulb Designation	T12
Bulb Material	Quartz Glass
Arc Tube Material	PCA
Bulb Finish	Clear

Lamp Electrical Characteristics

Nominal Lamp Wattage	315W
Nominal Lamp Voltage	100V
Nominal Lamp Current	3.5A
Starting Current	4.7A
Starting Time	3S
Restarting Time	10Min
Max Ignition Voltage	4000V
Min Ignition Voltage	3000V
Electronic Ballast	Low Frequency Rectangular Wave

Lamp Performance

Initial Lumens at Rated Watts after 100 Hours Operation	35000Lm
Rated Average Life	15000H
Warm Up Time	10Min
Correlated Color Temperature	3000K
Color Rendering Index	90
Operating Position	H
PAR Value (380-780nm)	570µmol/s



Spectrum Range: 380nm-780nm

