



SUMMIT 315



Summit Lighting Ceramic Metal Halides (CMH)

Features & Benefits:

- Horticulturist luminaire of choice
- Luminaire coverage starting at 16 square feet - 36 inches above the canopies.
- Suitable for Greenhouse and wet locations
- Highest spectral curve output on the market
- Single Source
- Digitally tuned ballasts
- UL Listed USA / Canada
- Plug and play
- Thermal overload protection
- Easy to install
- Made in the U.S.A.
- Warranty

By digital tuning the ballast to lamp, Summit Lighting can reproduce the lowest RF frequency roll off from the lamp.

When used as directed, our luminaire will yield 2-3 times more phototropic energy than our competitors.

Accepts most plug-in, rush, digital timers that are available on the market.

All luminaires come with a complete kit for installation and setup. Accessories Included: Power cord, hanging hooks, lamp, and a ballast.

Summit Lighting gives a 5-year warranty on all electronics we use in our systems and 1 year on the lamp.

Technical support is available to provide you with the best light coverage for your growing needs.

Physical Characteristics:

Bulb Size: T12
 Bulb Finish: Clear
 Base: PGZ18
 Max. Overall Length (MOL): 71/2" (188mm)
 Light Center Length (LCL): 31/2" (90mm)
 Arc Tube Material: Ceramic (PCA)
 Max. Permissible Bulb Temp.: 700°C (1,292°F)
 Max. Permissible Base Temp.: 320°C (600°F)



Operating Characteristics (Photometric):

Rated Initial Lumens ¹	38,700
Mean Lumens, Approx. ²	34,400
Rated Average Life, Hours ³	30,000
Correlated Color Temp. (CCT)	3000K
CIE Chromaticity Approx.	x-.433, y-.399
Color Rendering Index (CRI)	90
Watts (Nominal)	315

Ballast Specification: (Subject to change without notice)

Input Voltage 1	200 - 240V
Consumed Amps 1	1.8 - 1.42A
Consumed Watts 1	343 - 341W
Input Voltage 2	260 - 280V*
Consumed Amps 2	1.25A
Consumed Watts 2	341W
Warm-up Time to 80% of Output	<3 Minutes
Re-strike Time for Hot Lamp	10 Minutes
Ballast Open Circuit Voltage (Minimum)	260V
Ignition Burst Height (Maximum)	4K V
Minimum Operating Temperature	-20°C
Power Factor	98%
THD	<10%
Input Frequency	50 - 60 Hz
Input IEC	C14

Certification: UL LISTED #E475228

End of lamp life protection circuit (IEC61167, IEC620035) **
 Compliance with FDA radiation performance standard 21 CFR subchapter J. (USA: 21 CFR 1040.30 Canada: SOR/DORS/80-381)

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