



SunPlix CMH-315F

Low Frequency Dimmable 315W CMH Fixture

Introduction:

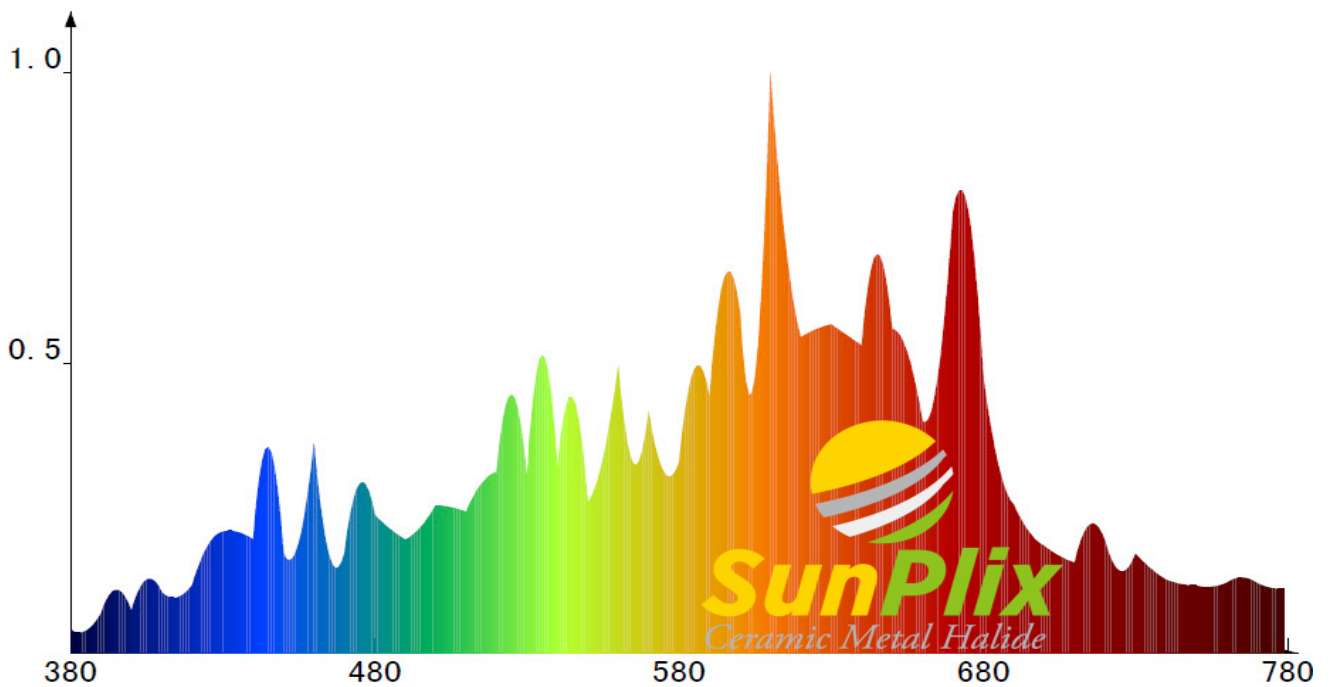
CMH-315F low frequency, square wave digital 315W CMH fixture utilizes Fuzzy Logic 4th Generation ballast technology. The patent technology can keep lumen maintenance rate higher than 95% at 30,000 hours and maintain the initial spectrum. It can ignite lamps more than 100 feet away. With LamPal® technology, this ballast can work with 150W, 210W, 315W and 350W CMH/HPS/MH lamps. You can use the remote control to turn on/off the light and decrease a 315W lamp to 210W and 150W and increase to 350W. You can use the 0-10V module to adjust power output from 150W to 350W continuously.

When lamp power is decreased, it saves energy and shifts light spectrum to more blue light for veggies; when lamp power is increased, it outputs more strong light and shifts light spectrum to more red light to grow more and bigger flowers and shorten the growing circle.

Characteristics:

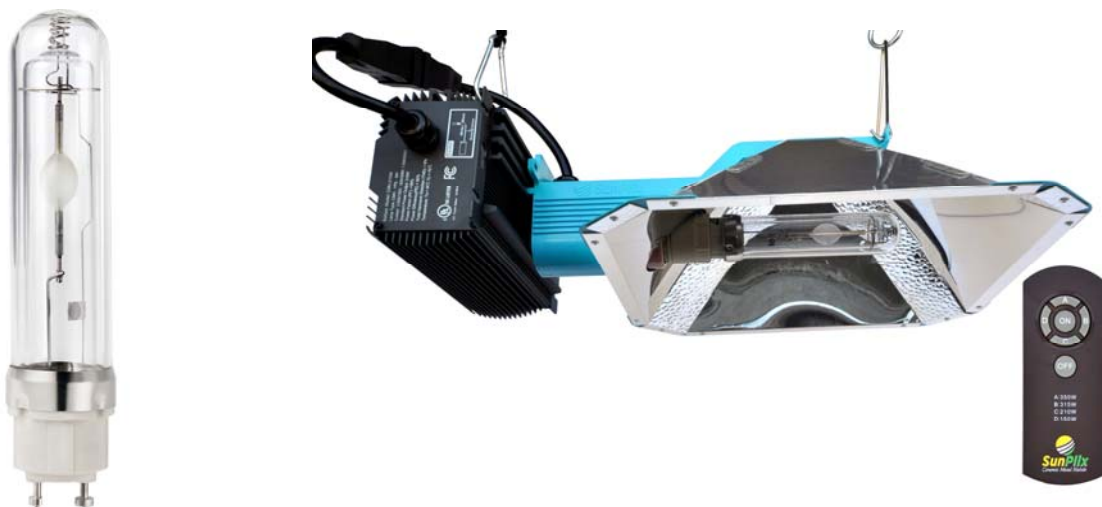
Name	Description
Input power (Max)	389W
Output power (Max)	350W
Operating voltage	120V/208V/240V (277V, 347V, 480V optional)
Current drawn (350W output)	3.24A/120V, 1.87A/208V, 1.62A/240V
Safe voltage	94V~276V
Input frequency	50/60Hz
Power factor	>0.99
THD	<6%
Efficiency	>91%
Communication interface	IR (0~10V optional)
Lamp wire length (Max)	100 feet (16 gauge lamp wire)
Power/light output	0W (On/Off), 150W, 210W, 315W, 350W or 150W~350W
Protection functions	Protection of short-circuit, open-circuit, over-voltage, under-voltage, over-current, hot lamp startup, lightning, over heat, and lamp failure with lamp life warning.
Lighting dimension	L: 21", W: 14", H: 6"
Net weight	7.6 lb
Warranty	3 years
Certification	UL, CUL, FCC
Reflector	Horizontal. Can be attached to ballast or be installed remotely. Size: L: 17", W: 14", H: 6".

Spectral Power Distribution:

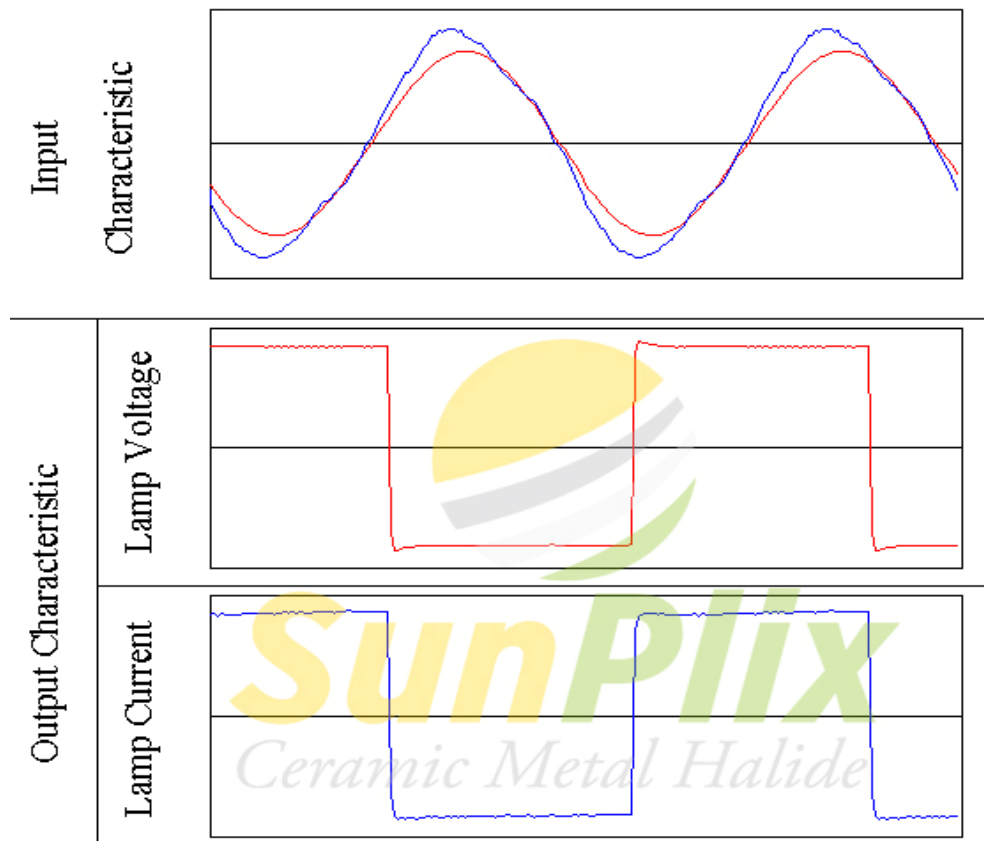


Cautions:

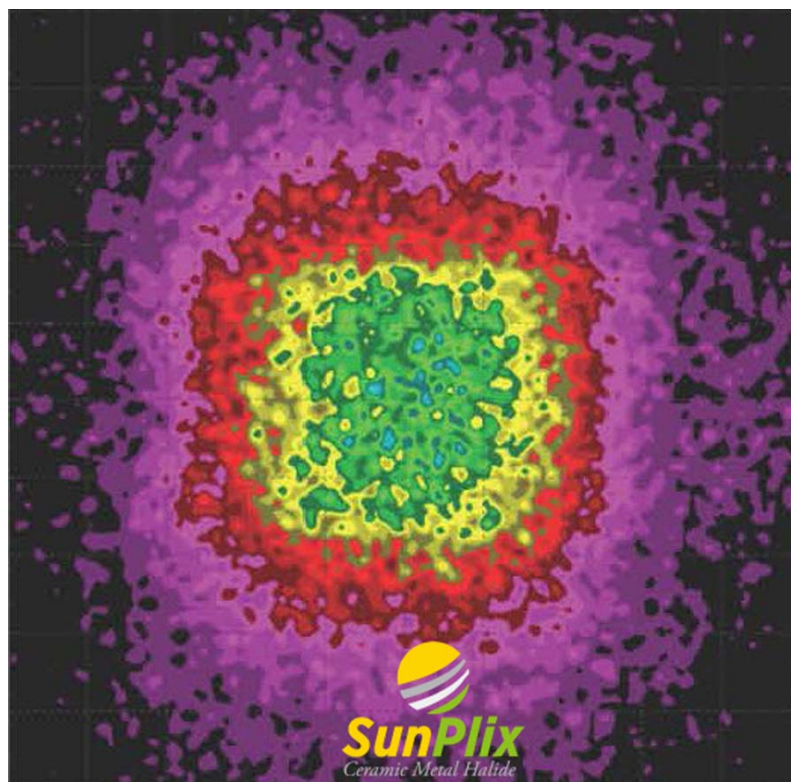
- The work environment temperature for the ballast ranges from $-40^{\circ}\text{F}/-40^{\circ}\text{C}$ to $+122^{\circ}\text{F}/+50^{\circ}\text{C}$, the maximum work temperature of its shell can be $+158^{\circ}\text{F}/+70^{\circ}\text{C}$.
- The combustible substances and corrosive gas should not be placed in the work environment of the ballast.



SunPlix 315 is the best CMH grow light in the market



The reflector is designed to minimize light loss and maximize light coverage



SunPlix reserves the right to revise this document without notification