



SunPlix CMH-315F

Low Frequency Square Wave Knob Dimming Grow Light

Introduction:

SunPlix 315W CMH low frequency, square wave digital knob dimming grow light 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, 350W, and 400W CMH/HPS/MH lamps. You can use the knob to turn on/off the light and to output 150W, 210W, 315W, 350W and 400W.

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)	442W
Output power (Max)	400W
Operating voltage	120V/208V/240V (277V, 347V and 480V optional)
Current drawn (400W output)	3.68A/120V, 2.13A/208V, 1.84A/240V
Safe voltage	94V~276V
Input frequency	50/60Hz
Power factor	>0.99
THD	<6%
Efficiency	>91%
Communication interface	N/A
Lamp wire length (Max)	100 feet (16 gauge lamp wire)
Power/light output (Max)	400W
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".

Cautions:

- CMH-315W digital ballast should work on operating voltage with corresponding bulbs. High power bulb can be used to dim to low power output, but not the reverse.
- 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 ballast should avoid working under high temperature environment which will affect its service life.
- The combustible substances and corrosive gas should not be placed in the work environment of the ballast.
- Should a ballast is damaged, do not try to fix it. Users should exchange it with suppliers or send it to the factory for maintenance.



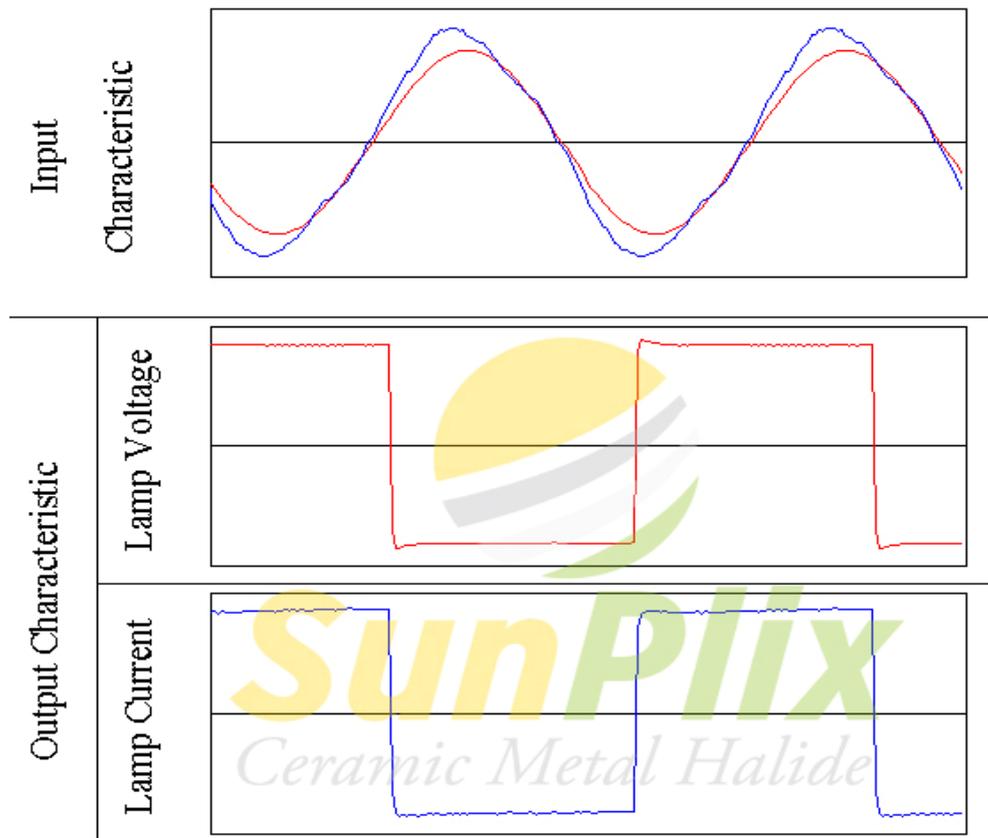
315W T9



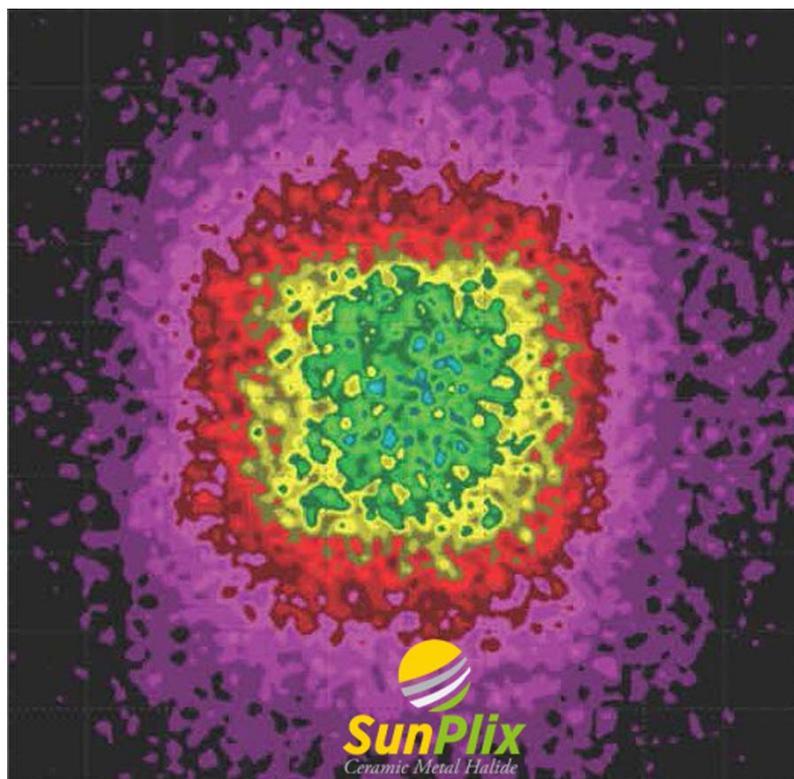
315W T12



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