



CMH-315W/N

Low Frequency, Square Wave

Intelligent Digital Ballast

Introduction:

SunPlix 315W Ceramic Metal Halide (CMH) low frequency, square wave intelligent digital ballast utilizes patent fuzzy logic 4th generation ballast technology. It keeps lumen maintenance rate no less than 95% at 30,000 hours and maintains the initial spectrum. It extends bulb lifetime to more than 10 years. It ignites 315W CMH bulb more than 66 feet/20 meters away.

Characteristics:

Name	Description
Input power	349W
Output power (Max)	315W
Operating voltage	120V/208V/240V/277V
Amperage drawn	2.91A/120V, 1.68A/208V, 1.45A/240V, 1.26A/277V
Safe voltage	94V~319V
Input frequency	50/60Hz
Power factor	>0.99
THD	<6%
Efficiency	>91%
Remote control	Optional
Lamp wire length (Max)	>100 feet (16 gauge lamp wire)
Power/light output	315W
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.
Size	L: 10", W: 5.1", H: 4"
Net weight	5.1 lbs
Warranty	3 years
Certificates	UL, CUL, FCC

Input:

Black wire: AC power Line wire

White wire: AC power Neutral wire

Green wire: Ground wire

Output:

Black wire: AC power Line wire

White wire: AC power Neutral wire

Green wire: Ground wire

Cautions:

- CMH-315W digital ballast should work on operating voltage with corresponding bulbs. High power bulb can be used as low power bulb, 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 shell of the ballast has the function of heat dissipation, so proper space should be reserved for heat dissipation.
- The ballast should avoid working under high temperature environment which will affect its service life.
- The ballast is waterproof designed, but it is not for working under water.
- If the ballast is damaged, it cannot be opened. Users should exchange it with suppliers or send it to the factory for maintenance.



315W T9



315W T12

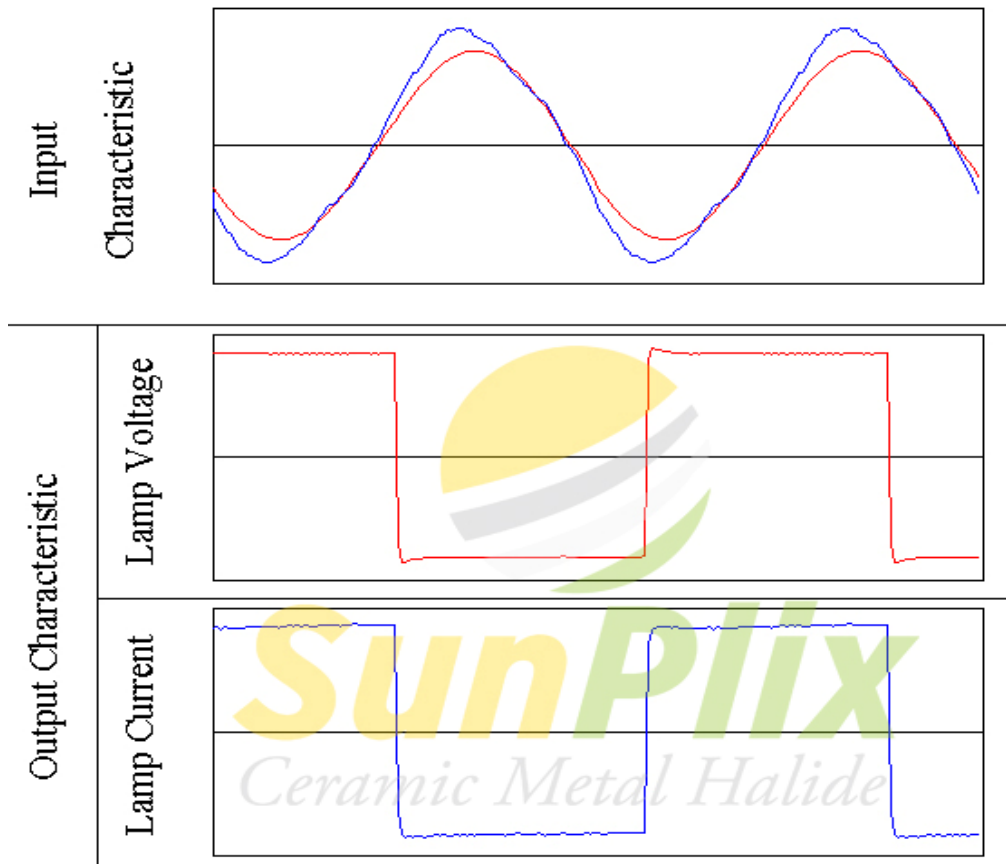


315W ED37



SunPlix reserves the right to revise this document without notification

SunPlix CMH ballast is the real low frequency, square wave CMH ballast



Other brand CMH ballast is **NOT the real low frequency, **square wave** CMH ballast**

