



## SunPlix CMH-630W (2x315W)

### Low Frequency, Square Wave

### Intelligent Digital Ballast

#### Introduction:

CMH-630W (dual 315) low frequency square wave dimmable digital twin 315W CMH ballast utilizes Fuzzy Logic technology. The patent technology can keep lumen maintenance rate higher than 95% at 30,000 hours and maintain the initial spectrum. It can ignite bulbs more than 100 feet away. With LamPal® technology, this ballast can work with 150W, 210W, 315W and 350W CMH/HPS/MH lamps. The remote control allows you to turn on/off the light and select any of the power outputs: 300W, 420W, 630W and 700W. You can use the 0-10V module to adjust power output from 300W to 700W 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	760W
Output power (Max)	700W
Operating voltage	120V/208V/240V/277V
Current drawn (700W output)	6.34A/120V, 3.65A/208V, 3.17A/240V, 2.74A/277V
Safe voltage	94V~319V
Input frequency	50/60Hz
Power factor	>0.99
THD	<6%
Efficiency	>93%
Communication interface	0~10V
Lamp wire length (Max)	100 feet (16 gauge lamp wire)
Power/light output	0W (On/Off), 300W, 420W, 630W, 700W or 300W~700W
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: 12", W: 9.5", H: 4.5"
Net weight	12 lbs
Warranty	3 years

**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-630W 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°F/-40°C to +122°F/+50°C, the maximum work temperature of its shell can be +158°F/+70°C.
- The ballast should avoid working under high temperature environment which will affect its service life.
- 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

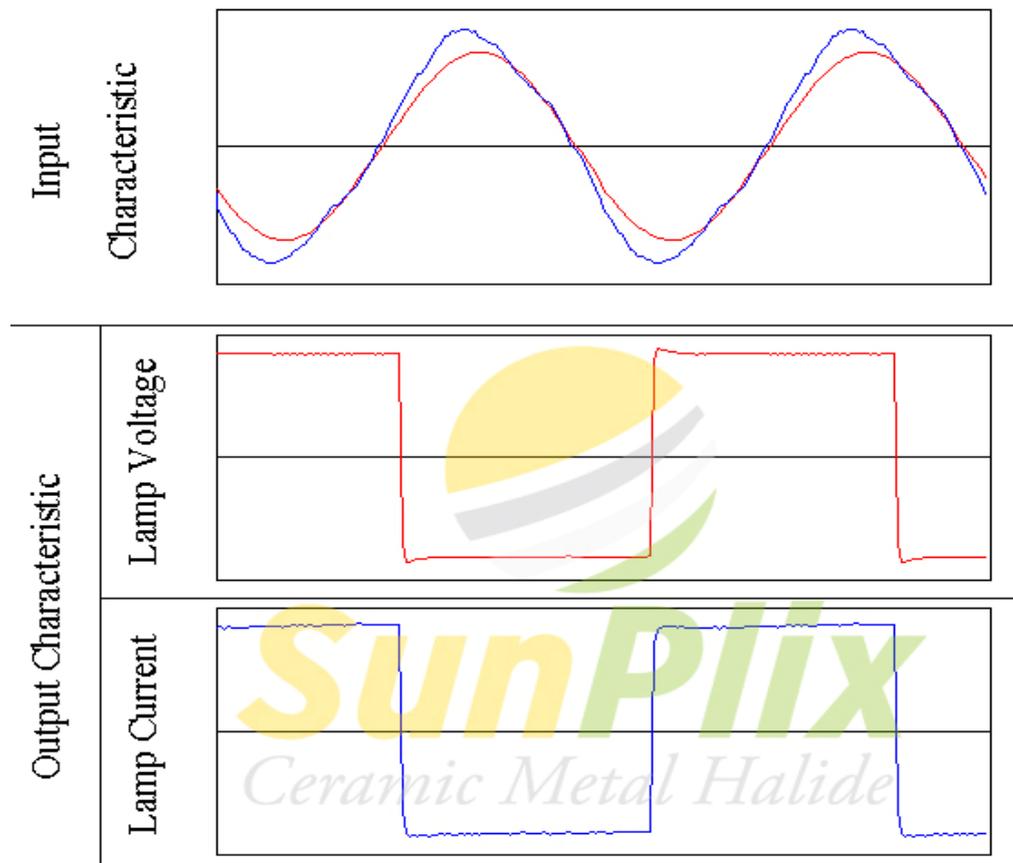


315W ED37



Remote control

**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**

