



# Switch

# GROW SOLUTIONS

## SG-CMH 630DE

### 630W CPU Smart-Dimmable CMH Double-End Bulb

**Dimmable low frequency, square wave digital intelligent electronic ballast and fixture**



#### 1. Product Features:

- Next-generation smart digital control of light source ignition technology, the ignition distance up to 20 meters.
- Using high-performance special lighting CPU control technology, intelligent detection of light source working condition, adjusts the best luminous flux and electricity consumption in real time.
- Next-generation smart digital ignition energy control technology, it can prevent the damage of the light source and filament and extend the lamp working life.
- Next-generation smart digital lamp startup control technology, high-precision digital control lamp startup current, it can control the light attenuation and working life of the lamp.
- Smart digital lamp protection technology, High stability of lamp current control, Dynamic lamp power control, Smart lamp auto-adapt light attenuation control, extends lamp working life up to 5 years.
- High reliability digital driver circuit. Smart, high sensitivity anti-thunder, open circuit, short circuit, over-current, over-voltage, over-temperature protection technology extends the ballast working life up to 5 years.
- Efficiency: > 92%, High performance APFC circuit, Power factor up to 0.99, THD<6%, Efficient green energy conservation and environmental protection.
- Using the most sophisticated R&D and production process with high outdoor quality standards.
- Working light source: Ceramic Metal Halide (CMH).
- Multi-voltage input (120V / 208V / 240V).
- Smart infrared remote control dimmer, can memory when power off, can control the output power: 700W, 630W, 400W, 250W, 0W (power off).
- With 0-10V standard interface input, convenient access control systems to control, adjustable power range: 250W-700W (When 700W On).
- Fixture available with open or closed reflector.
- 3 Year warranty on fixture and ballast. 1 year warranty on bulb.
- UL/CUL                      USA & Canada                      ANSI/UL 1029-1994

**ADVANCED SOLUTIONS FOR SERIOUS GROWERS**  
**www.SwitchGROW.com**



# Switch

# GROW SOLUTIONS

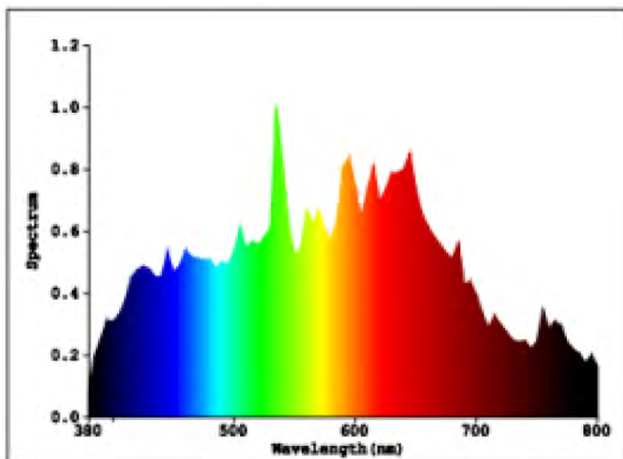
## SG-CMH 630DE

### 630W CPU Smart-Dimmable CMH Double-End Bulb

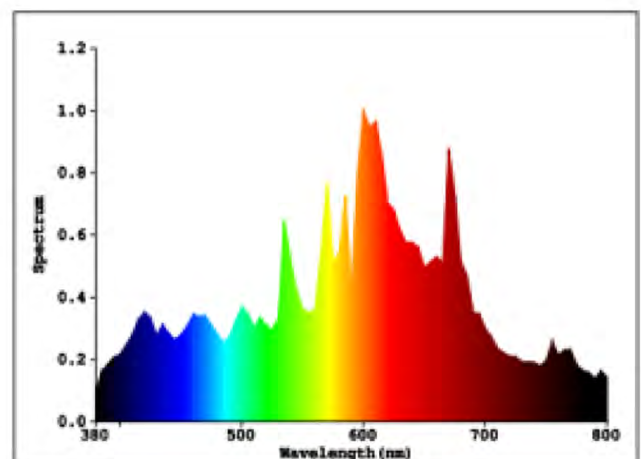
## 2. Product Specifications

Product Type:	Optex DE 630 Watt CMH
AC input voltage:	120V / 208V / 240V ,50/60HZ
AC inrush current (Max):	Cold start, 70A/230V AC
Rated Power:	670W
Line Current:	5.58@120V AC, 3.22A@208V AC, 2.79A@240V AC
Light Decay Control attenuation:	<5%/20000h
PF:	>0.99
Operating Frequency:	140~160HZ
Trigger Voltage:	6KV(MAX)
THD:	<6%
Ballast Power Dissipation:	40W
Scalable Communication Interface:	0~10V、Infrared remote control interface

## 3. DE Lamps Available in :



4300 K



3003k