

LAA315

Dimmable CDM Grow Light Fixture-Low Frequency



make your future bright

Features

- Integrated Lighting
- Wide Input Voltage range 100-300VAC / 50-60Hz
- Active PFC 0.99 (Max)
- High efficiency, Low THD
- Strike both Metal Halide and High Pressure Sodium bulbs
- Run properly ended 315W bulb at 190W 245W 315W 345W
- Intelligent Self Diagnostic System
- Soft start and Staggered ignition eliminates circuit inrush and protects lamp
- Multiple Protections OVP, UVP, OTP, SCP, OCP
- 2 Years Warranty



Model Specifications

Model	Longood Code	Input Voltage	Output Voltage	Rated Output Power	Efficiency / Full Load	Power Factor (Full Load)			
						120VAC	240VAC	277VAC	300VAC
LAA315-240L	RL018B	120-240VAC	80-130V	315W	94% Max	0.99	0.98	-	-
LAA315-277L	RL036A	277VAC	80-130V	315W	95% Max	-	-	0.99	0.98

Electrical Specifications

Input Voltage Range	120 / 208 / 240 / 277VAC
Input Frequency	47-63Hz
Power Factor	0.99 (Max), >0.95 240VAC input, 60%~100% load
Input Current	1.54A at 240VAC, 1.33A at 277VAC
Inrush Current	60A at 220VAC, 25°C cold start
Leakage Current	0.5mA Max at 240VAC / 50 / 60Hz input
Maximum Output Power	345W
Output Frequency	120Hz
Bulb Failure Detection	YES
Start Up Time	3-10 Second
Protections	Open Circuit Protection, Short Circuit Protection, Over Voltage Protection, Under Voltage Protection, Over Temperature Protection
THD	<10%, 277VAC, 100% load <10%, 240VAC, 100% load

Environmental Specifications

Operating Temperature	0°C~+35°C
Operating Humidity	20~95% RH
Storage Temperature	-45°C~+80°C
Storage Humidity	10~95% RH
Cooling Method	Natural cooling
Isolation Voltage	input / Gnd 1600VAC 5mA 1Min
Insulation Resistance	Input / Gnd 50MΩ 500VDC 1Min
Reference Dimension(L×W×T)	508.3 x 376.2 x 188.4mm
Weight	

Safety & EMC Compliance

UL / CUL	UL1598 / CSA C22.2 NO.250
CE	EN61347-2-12

Mechanical Outline (Unit: mm)

