

Full Spectrum LED Grow Lights with UV

ledsmaster



Full Spectrum+ Series

Full Spectrum UV+ Series

What is full spectrum?

Photosynthesis is essential for plant growth. In order to activate this process throughout the day, many people will use artificial light source to shine the plants' leaves. One of the hot products is the **full spectrum LED grow light**. "Full spectrum" means the light contains all the wavelength between **405 to 780nm**.

Why using full spectrum grow light?

Since the LED white light is consisted of red, green and blue components. This broad spectrum gives the overall benefits for **root formation, flowering and plant growth**. Besides, we observe that the sun light is composed of the full spectrum light plus UV, which helps kill bacteria in soil. Using this kind of grow light can be more natural to the plants.

Specification

Power: 50W / 100W / 300W / 500W / 700W / 1000W / 2000W (Maximum 10000W)

Luminous Efficacy: 130 lm/W (Full Spectrum+); 180 lm/W (Full Spectrum UV+)

Input voltage: 95-395VAC, 50-60Hz

Full Spectrum UV+ Exclusive Features

✓ Additional 395-405 nm **UV light**, for **seeding and sterilization**

Beam angle: 25 / 40 / 60 / 90 / 120 degree

Work life: 80000 hours **CRI:** 95

Why select our LED grow lights?



No Fan Required

Our heat dissipation system effectively channelizes the waste heat from light body to surroundings.



IP68 Waterproof

You have no need to worry about the inevitable water splash on grow light as it is protected by water-tight structure.



10000 watt

Explore our 10000 watt LED full spectrum grow lights for large greenhouse and grow rooms. The 10000W model produces maximum 1800000 lumens.



180 lm/W Efficiency

High energy efficiency gives you the brightest grow light experience - the lumen reaching to the plant increased about 80%. 100W LED replaces 300 to 500W HPS or halogen.

Model No.	Structure	Power	Light Efficiency	Lumen (White)	Available Angle	Reference Direct Replacement	Wavelength	Light Body Size LxWxH (mm) Excluding Holder	Light Weight (kg)	Working Voltage
LS-FLN-100-GRL	4*2	100W	90-130 lm/w	13000lm	25° · 40° 60° · 90°	300-350W Metal Halide	Full Spectrum (400-700nm) / Full Spectrum + UV	224*126*130	4.1	90-295V AC
LS-FLN-120-GRL	4*2	120W		15600lm		240-350W Metal Halide		224*126*130	4.7	
LS-FLN-150-GRL	5*2	150W		19500lm		300-400W Metal Halide		279*126*130	4.7	
LS-FLN-200-GRL	5*3	200W		26000lm		400-500W Metal Halide		279*194*130	5.65	
LS-FLN-250-GRL	6*3	250W		32500lm		500-600W Metal Halide		334*194*130	6.1	
LS-FLN-300-GRL	5*4	300W		39000lm		600-800W Metal Halide		279*262*130	6.9	
LS-FLN-400-GRL	7*4	400W		52000lm		800-1000W Metal Halide		395*266*135	9	
LS-FLN-500-GRL	8*4	500W		65000lm		960-1200W Metal Halide		450*266*135	10.8	
LS-FLN-600-GRL	7*6	600W		78000lm		1400-1600W Metal Halide		395*402*135	12.5	
LS-FLN-720-GRL	8*6	720W		93600lm		1500-1800W Metal Halide		450*402*135	15	
LS-FLN-1000-GRL	9*8	1000W		130000lm		1800-2000W Metal Halide		505*538*135	19	
LS-FLN-2000-GRL	16*9	2000W		260000lm		4000-5000W Metal Halide		Please ask		
LS-FLN-5000-GRL	24*15	5000W		650000lm		8000-9000W Metal Halide				
LS-FLN-10000-GRL	36*20	10000W		1300000lm		15000-20000W Metal Halide				

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