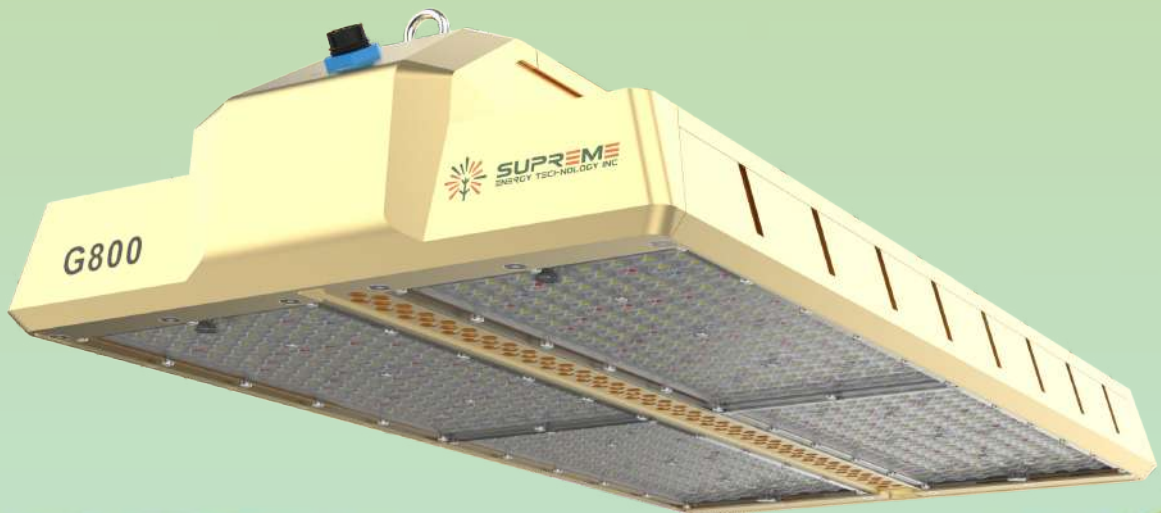




**SUPREME™**  
ENERGY TECHNOLOGY INC



## **G Series** (1:1 replace 1000W HPS)

The G Series is the trapezoidal growth lamp is the top lighting solution for the full cycle of commercial cannabis cultivation, and is a great boost to innovative agriculture. It help customers achieve sustainable crop planting throughout the year. And a good formula means faster growth, greater harvest and higher quality plants.



# G Series



## Specifications

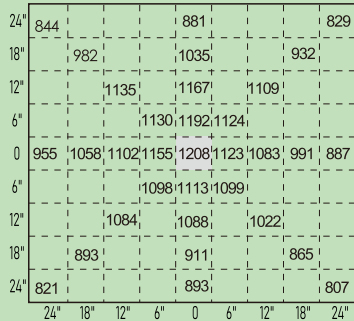
Model	FLT-GL08E212G	FLT-GL12E313G
Spectrum	SP1/SP2/SP3	SP1/SP2/SP3
Light Output PPF	2080umol/s	3100umol/s
Efficacy@277V AC	2.6umol/J	2.6umol/J
Input Power@277V AC	800W	1200W
Weight	24 Lbs	28.5Lbs
AC Input Voltage	120-277V/277-480V AC Auto Recognition, 50/60Hz	
Thermal Management	Passive	
Dimming	0~10V / Source	
Dimming Option	40% / 50% / 60% / 80% / 100% / EXT-OFF	
Driver	FULTON /IP67 Driver	
Power Factor	0.99	
THD	10%	
Beamangle	130° x100°	
Max. Ambient Temperature	95° F / 35° C	
IP Rating	IP54\ Damp	
Mounting Height	6' Above Canopy	
Average Lifespan	Q90: >50,000 hours	
Warranty	5 years	
Standard	UL8800, UL1598, DLC, CE	

### Max Amperage By Voltage Service

AC VOLTAGE	120V	208V	220V	230V	240V	250V	277V
AC Current	7.33A	4.08A	3.85A	3.67A	3.52A	3.37A	3.03A
AC Power	880W	849W	847W	846W	845W	844W	842W
Power Factor	0.999	0.993	0.991	0.990	0.987	0.985	0.977

\* Nominal electrical AC input, Power tolerance ±5%.  
\* At 77 F(25°C) ambient temperature

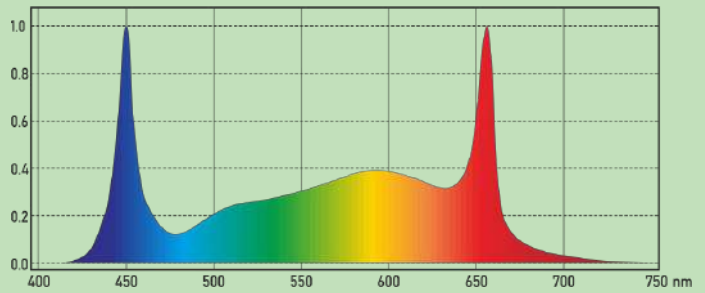
## Product Spectrum & PPFD Reading



### 8G Series

800W (Max) Distance From Canopy : 2'  
Average PPFD : 1015

Common spectrum SP8, with UL photo biological safety certification.



## Product Spectrum & PPFD Reading

- OFF: Lamp off
- Seedling stage: 520W
- Growth period: 680W or 780W
- Fruiting period: 850W
- EXT: Networked control



## Product Dimension

