



Switch

GROW SOLUTIONS

SG-GS300 LED

Full Spectrum LED with UV and IR



SG-GS300 LED Product Features:

- 300W equivalent lumen output with only 160W consumption
- UL Certified energy savings and environmentally friendly operation
- High power 5W EPI LEDs chips for maximum PAR output values
- Chips inset in secondary LED focussing lenses for 90° dispersion angle
- Vegetation & Bloom switches for optimal root growth and flowering
- 9 Band full-spectrum with IR (infa-red) to promote maximum yield
- Ultra-quiet cooling fans for un-intrusive operation
- Zener Diode protection maintain operation should individual LEDs fail

ADVANCED SOLUTIONS FOR SERIOUS GROWERS
www.SwitchGROW.com

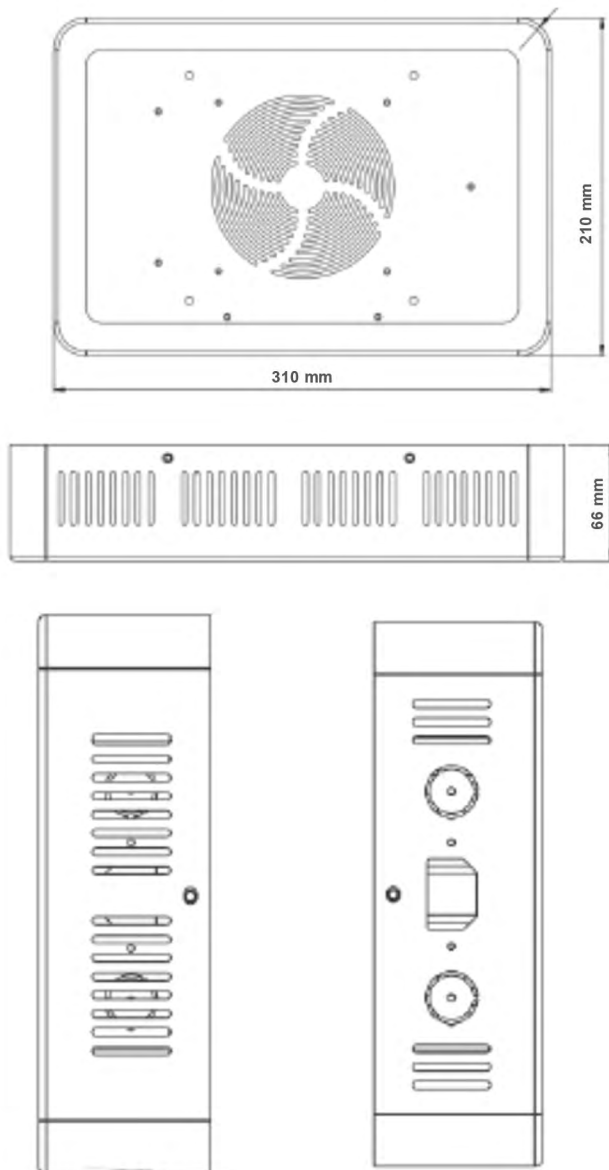


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Parameter

Item	Data
Model No.	GS-300
Power (Wattage)	300w
Size(mm)	310X210X65mm
Power consume (watt)	160w
HPS/HID replace	300w
Max coverage at 40" Height	45"x35"
Core coverage at 40" Height	36"x24"
PPFD@18"(umol)	925.3umol
GW(KG)	3.5KG
Plug	US/EU/AU/UK/CL/BR
Input voltage(V)	AC85~260V
Work frequency(Hz)	50/60 Hz
LED Brand	5w Epiled and Epistar
LED Quantity	60pcs
Wide beam angle	90 degree
Lifespan(hrs)	50,000 Hours
Working environment	(-20~40°C)
PF	>0.97
Color of fixture	White
Regular spectrum ratio	9Bands Full spectrum

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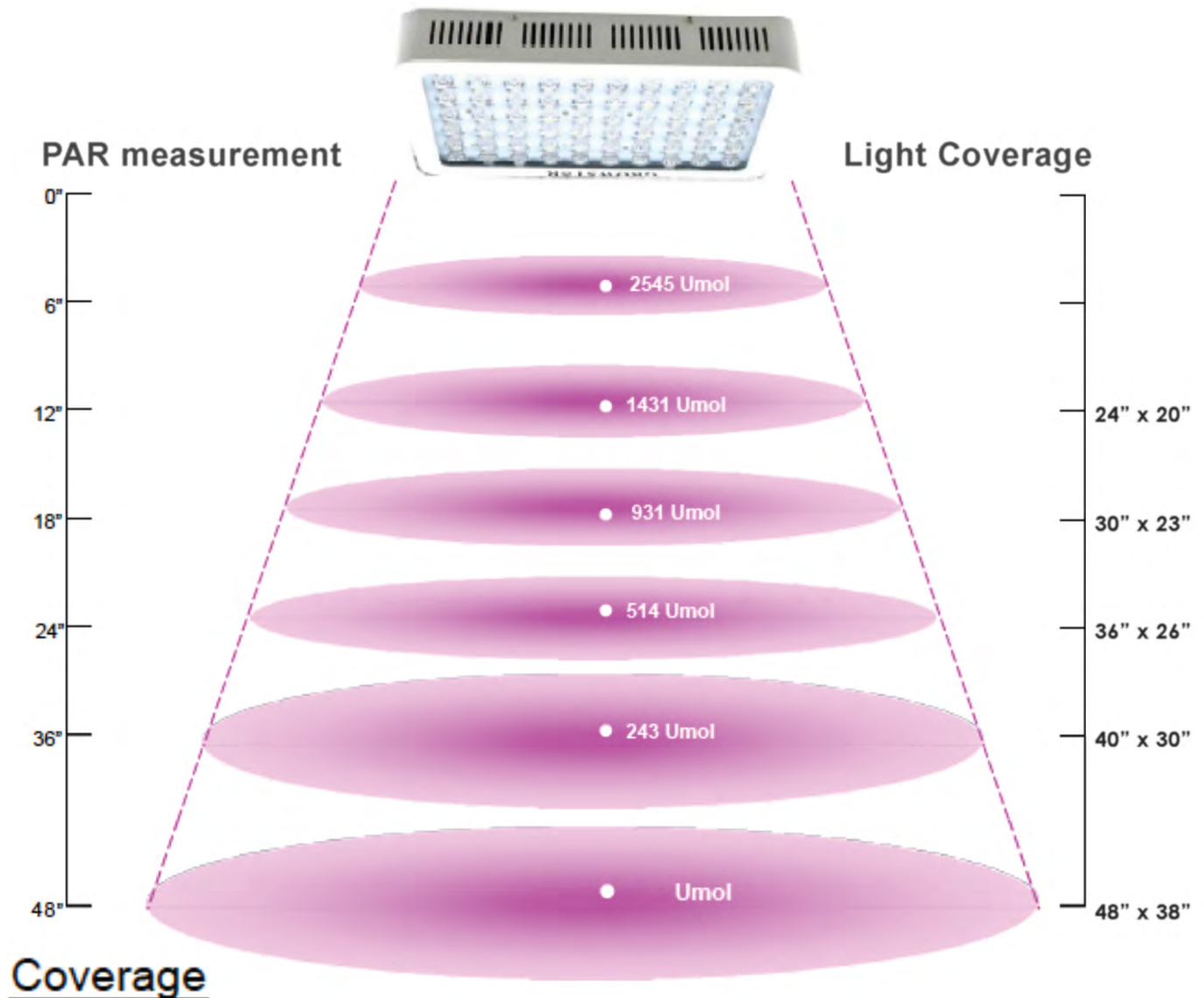


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Coverage of GS LED Grow light				
Type	12"	24"	36"	48"
GS 300	24"x20"	30"x26"	40"x30"	48"x38"

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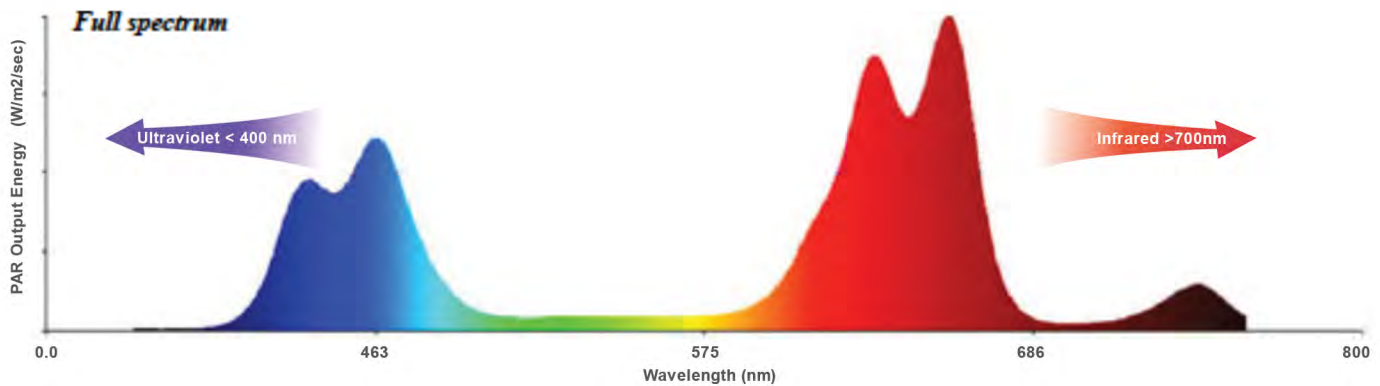


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Why choose SG-GS300W LED:

- SwitchGROW always uses genuine 5 Watt EPILED chips, not cheap knock-offs
- SwitchGROW utilizes 42 & 45 mil diodes for maximum lumen and PAR output
- Two UL Standard 5A rated switches to individually control Veg and Bloom
- Isolated power supply for maximum safety, lifespan and ease of maintenance
- Full-Spectrum PAR output with IR & UV LED chips**
- Pure Aluminum heat-sink with vertical fins are coupled with high quality silent fans for maximum cooling efficiency to ensure long operational lifespan
- Armour plated glass is impact resistant therefore will never fade or discolor

** Note that UV and IR LED chips do not appear visually bright compared white, red, or blue wavelength LEDs because they are outside the visual spectrum that the human eye can perceive; however, their photosynthetic energy output is high and essential for maximum growth yield.