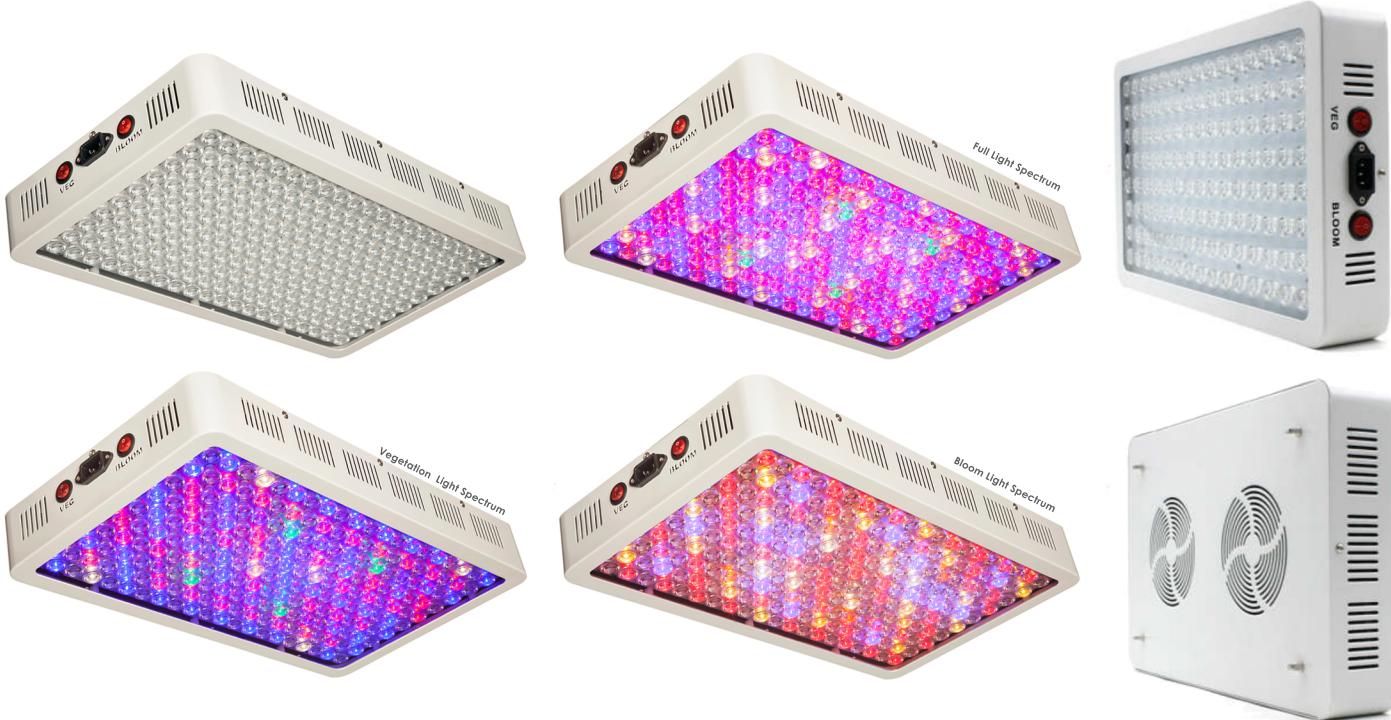




Switch GROW SOLUTIONS

SG-GS600 LED

Full Spectrum LED with UV and IR



SG-GS600 LED Product Features:

- UL Certified HE energy savings operation with minimal heat dissipation
- 600W equivalent PAR light output with only 260W power consumption*
- 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 (infrared) to promote maximum yield
- Ultra-quiet, high flow rate cooling fans for un-intrusive operation
- Zener Diode protection maintain operation should an individual LED fail

* 600W equivalent HID/HPS light output results from ability to operate the GS600 less than 20cm above canopy height. Not only do HID/HPS burn HOT and waste a LOT of power as heat Instead of photon light output, but since light energy loss is exponential with distance (not linear),this close proximity greatly exceeds the effective light output of HID/HPS which must be 50+ cm above canopy. Example: 2X distance = ¼ light to plants, 4X distance = $\frac{1}{16}$ light to plants.

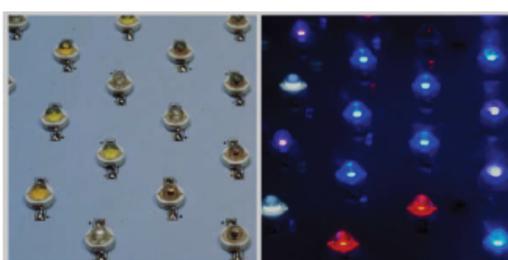
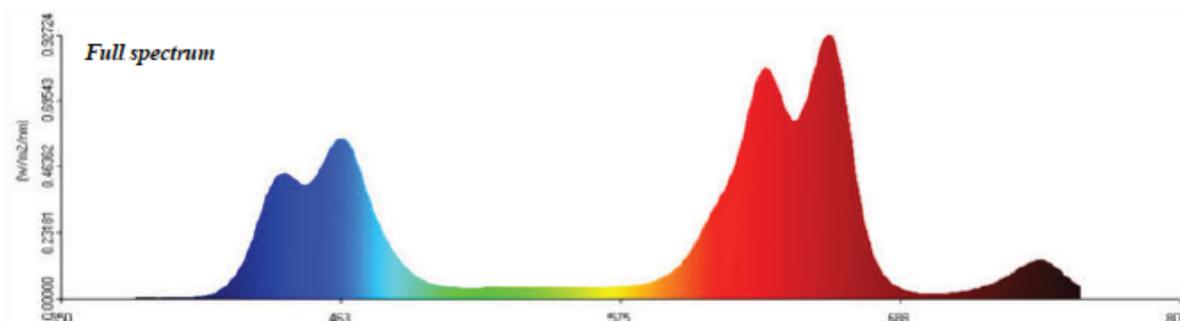
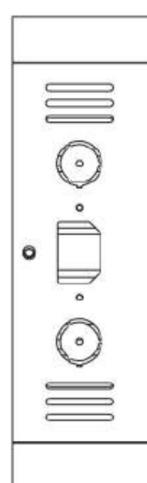
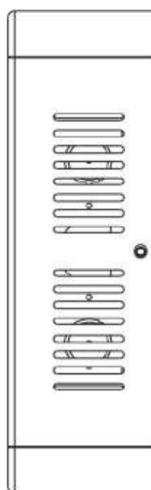
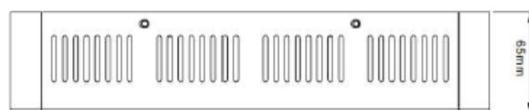
ADVANCED SOLUTIONS FOR SERIOUS GROWERS
www.SwitchGROW.com



Switch GROW SOLUTIONS

SG-GS600 LED Full Spectrum LED with UV and IR

Size(mm)	412X268X65mm
Power consume (watt)	260w
HPS/HID replace	600w
Max coverage at 40" Height	60"x54"
Core coverage at 40" Height	45"X36"
PPFD@18"(umol)	1746.5Umol
GW(KG)	5.6KG
Plug	US/EU/AU/UK/CL/BR
Input voltage(V)	AC85~260V
Work frequency(Hz)	50/60 Hz
LED Brand	5w Epiled and Epistar MCOB
LED Quantity	120pcs
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



R&D and Grow Study Facility:
162226 339 St. West
Priddis, AB, T0L 1W0
(by Appointment only)
(403) 931-4838

YOU CAN CONTACT SWITCH GROW AT:

info@SwitchGROW.com

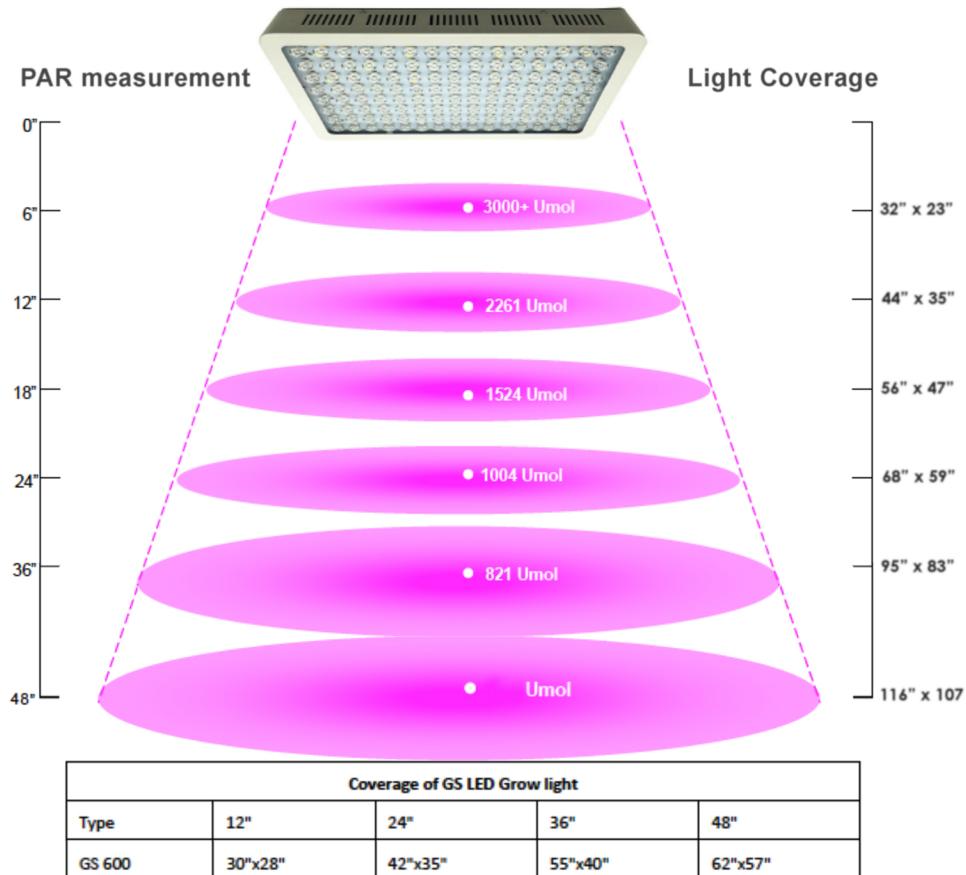
www.SwitchGrow.com

Corporate Head Office &
Warehouse Shipping and Receiving Facility:
Switch Advanced Lighting Solutions
Bay 276 2880 45 Ave SE
Calgary, AB, T2B 3M1



SG-GS600 LED

Full Spectrum LED with UV and IR



Why Choose SG-GS Series LED Grow lights:

- 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 Aluminium heat-sinks with vertical fins coupled with high quality silent fans maximize cooling efficiency and ensure long operational lifespan of LED chips
- 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 to 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 root growth (UV) and overall flowering yield (IR).