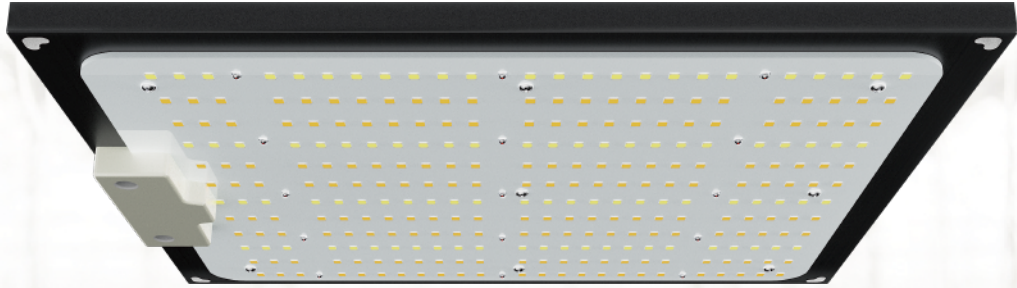


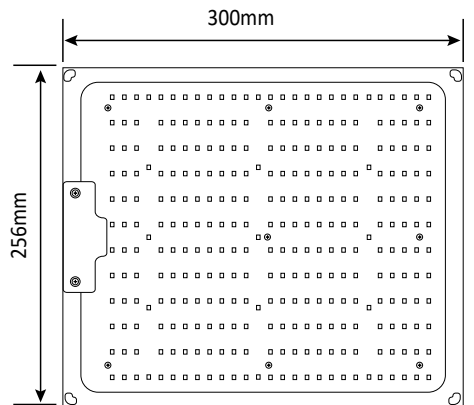
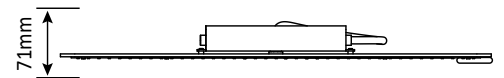
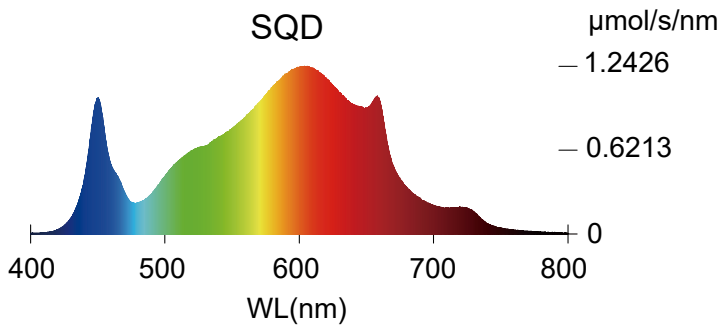
# 100W LED Quantum GROW LIGHTS

Model:LLZ0100B19

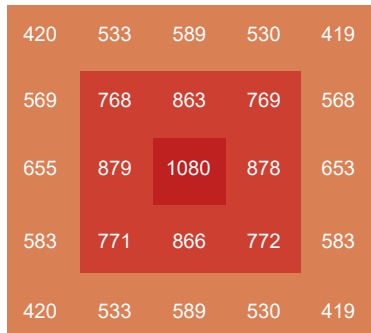


This LED has a full spectrum array specifically engineered for vegetative and flower cycles.

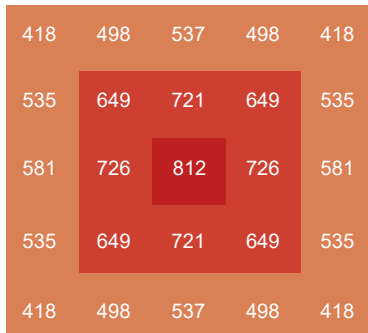
## SPECTRUM



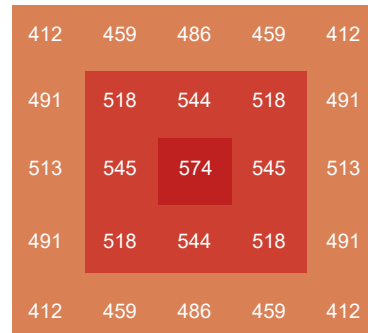
## PPFD



100W PPFD Value at 12"(30cm)  
Height -( $\mu\text{mol}/\text{m}^2/\text{s}$ )



100W PPFD Value at 14"(35cm)  
Height -( $\mu\text{mol}/\text{m}^2/\text{s}$ )



100W PPFD Value at 18"(45cm)  
Height -( $\mu\text{mol}/\text{m}^2/\text{s}$ )

## DESCRIPTION

Model	LLZ0100B19
Input Voltage	120-240/277 VAC
Input Current (Max.)	0.84A@120V
Input Frequency	50/60 Hz
Power Factor	>0.95
Dimming	Knob or external controller (optional)
Input Power	100W
Light Distribution	120°
Photosynthetic photon flux	260 $\mu\text{mol}/\text{s}$
Luminous Efficacy	2.6 $\mu\text{mol}/\text{J}$
Spectrum	3000K+5000K+660nm+730nm
LED Brand	SAMSUNG for white LEDSTAR for DR and IR
LED Type	SMD 2835 for white SMD 3030 for DR and IR
LED QTY	288 (WT)+13(DR)+2(IR) 576 (WT)+26(DR)+4(IR)
Operating Temperature	-25°C~45°C/-13°F~113°F
Dimensions	300×257×72mm
Weight	2.65Kg
Warranty time	3 Years warranty with 24/7 operatng hours Luminaire Lifetime at 25°C