



G6630 full spectrum LED grow light

A patent pending LED grow lights that provide a light similar to sunray that its visible light spectrum could promote photosynthesis for indoor and outdoor plants throughout the vegetative and reproductive growth stages. It is commonly used for horticulture, indoor gardening, plant propagation and food production, including indoor hydroponics and aquatic plants.



General Characteristic

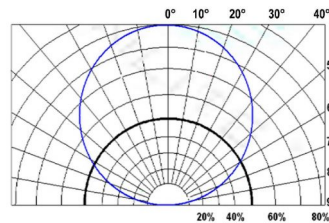
Body structure	Anodized aluminium alloy
Thermal management	Integrated with housing
Diffuser	Frosted or clear tempered glass
Rated life span	≥50000 hours (accumulative)
Ingress protection	IP65
Industrial standard	EMC Directive 2004/108/EC
Certification	CE, FCC, RoHS
Operation temp	-20° ~+65°C (max)
Relative moisture	10% ~ 90%
Total harmonic distortion	<15%

Electrical Characteristic

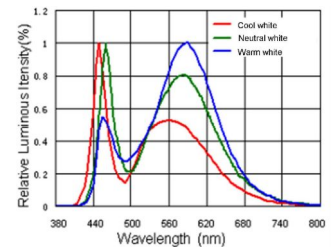
Input power	100~285VAC, 50/60Hz
Power factor	PF ≥0.95
Efficiency of power source	>87%
Power efficiency	>95%

Light Characteristic

Light source	SMD2835
Color rendering index	Ra ≥70
Color temperature	Deep red/deep blue/white
Luminous efficacy	≥100 lumen per watt
Ultra violet ray	Free
Beam angle	120 degrees
Luminous uniformity (uO)	>0.4 (uO)
RF interference	NO



Typical Spectral Distribution



Relative Spectral Distribution

Product Specifications

Model #	Power		Size (mm)			Weight	
	Rate	System	L	B	H	kg	lbs
G663100-240W25	25.0	26.3W	1000	67	32	1.84	4.05
G663100-300W30	30.0	31.6W	1000	67	32	1.84	4.05
G663100-350W35	35.0	36.8W	1000	67	32	1.84	4.05
G663100-450W45	45.0	47.4W	1000	67	32	1.84	4.05

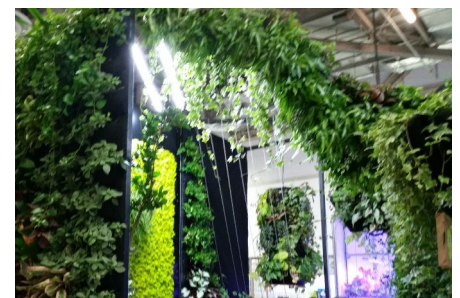
Application Showcase



Reproductive of plant (pure white)



Propagation of plant (full spectrum)



White color spectrum for vertical plant

