

1000W SE GEN 3 LED GROW LIGHT



* Product features:

- Using Samsung LM301B/LM301H high-efficacy LEDs combined with the latest Osram M5.24 or Samsung LH351H V4 Deep Red 660nm LEDs delivers high PPE of $2.9\mu\text{mol/J}$.
- Samsung LM301B/LM301H LEDs offer extremely high reliability, resistance to chemical environments and various types of fertilizers.
- High luminous efficacy saves electricity while producing less heat, reducing energy needed for cooling in plant cultivation environments.
- The 1000W gen 3 high-efficacy grow light, with a compact 10-bar LED configuration, optimizes shipping costs, and facilitates easy assembly and disassembly for maintenance.
- The 1000W LED grow light is designed with a larger 4'x6' size for greater flexibility and broader coverage in a 4'x6' cultivation area, optimal with a hanging height up to 14" and a light intensity up to $1400\mu\text{mol/m}^2/\text{s}$.
- Features brightness adjustment capabilities of 25/ 50/ 75/ 100% suitable for various plant growth stages.
- IP65, Class I
- Long life span: up to 54,000 hours, saving the maintenance cost.



PRODUCT DETAILS



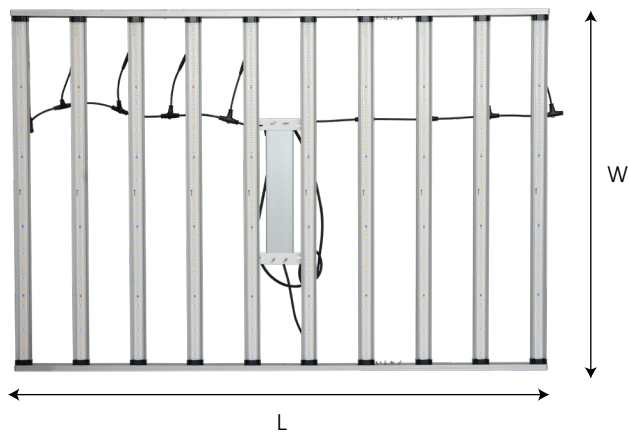
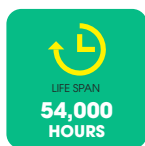
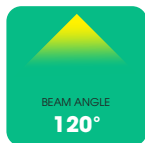
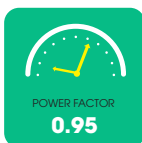
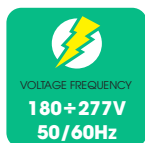
Accessories



Plug (Options)



PRODUCT SPECIFICATIONS

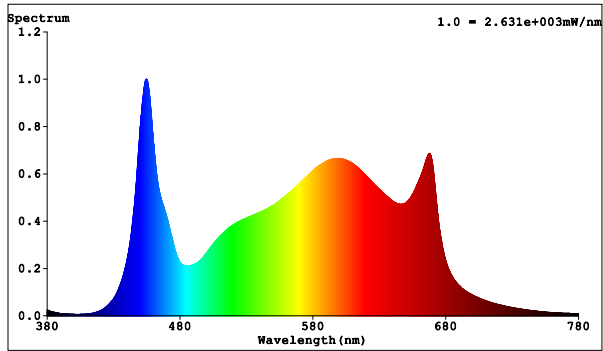


Model	Dimension LxW (mm)	Power (W)	Photosynthetic Photon Flux (μmol/s)	Photosynthetic Photon Efficacy (μmol/J)	Spectrum	Dimmable	No of Bars	LED light source
RD-1000W-SE.BV3-Gen 3	1707x1151	1000	2800	2.80 - 2.85	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	10	LM301B + LH351H V3
RD-1000W-SE.BV4-Gen 3	1707x1151	1000	2850	2.85 - 2.90	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	10	LM301B + LH351H V4
RD-1000W-SE.BM5-Gen 3	1707x1151	1000	2850	2.85 - 2.90	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	10	LM301B + Osram
RD-1000W-SE.HM5-Gen 3	1707x1151	1000	2850	2.85 - 2.90	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	10	LM301H + Osram

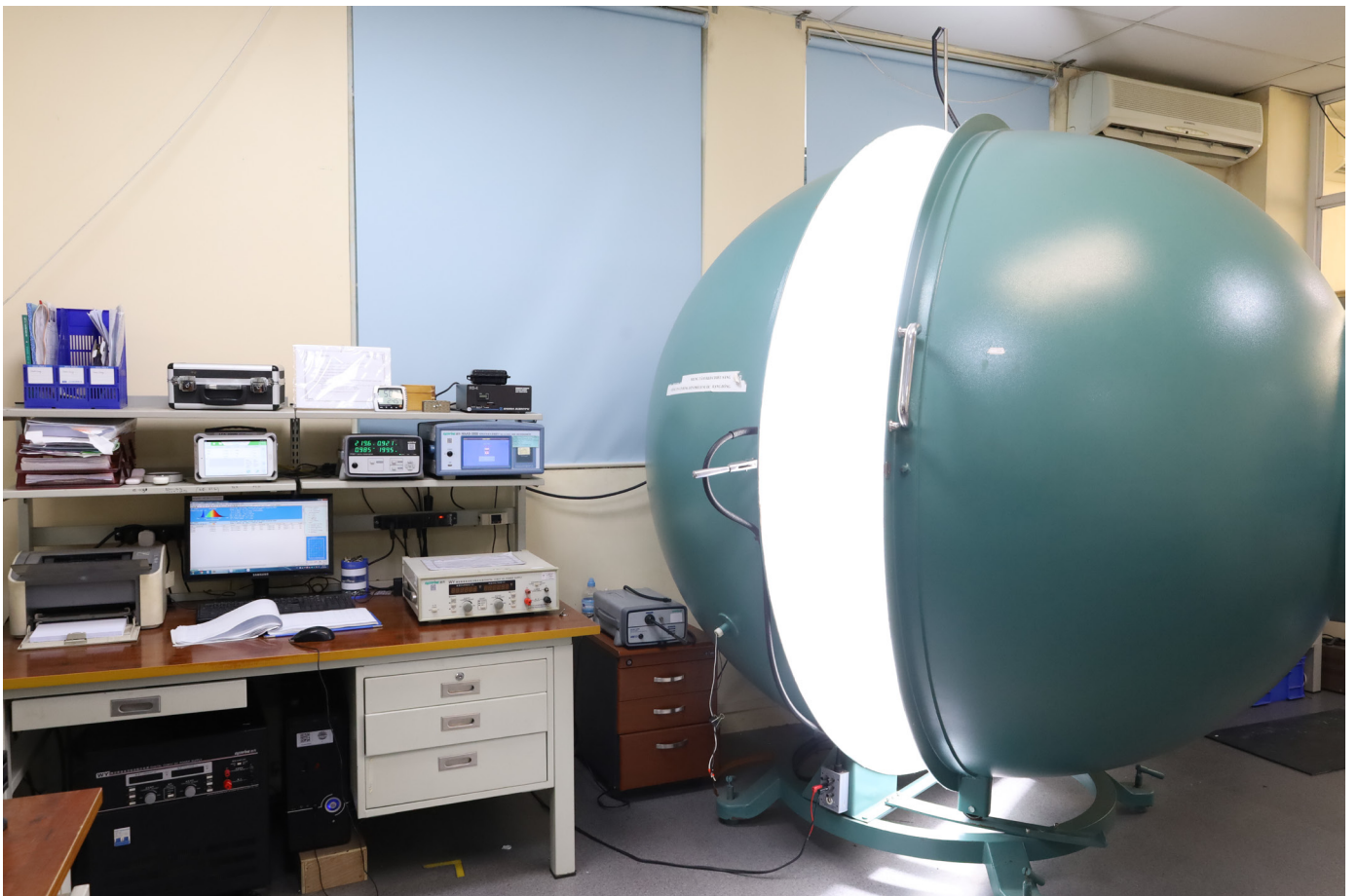
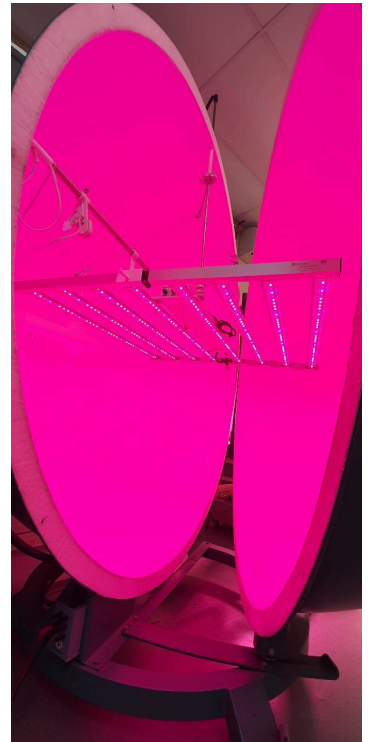
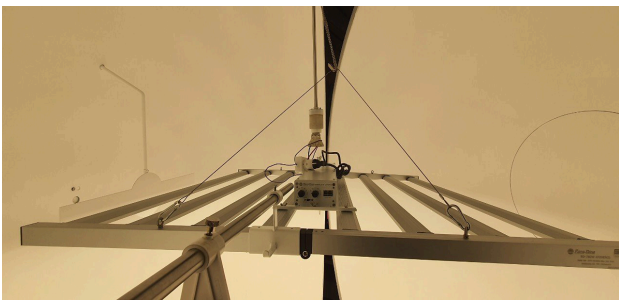
Capacity: 0.3 million pieces per year

Customizable: Power, Voltage, PF, Photosynthetic Photon Flux, lifespan, etc.

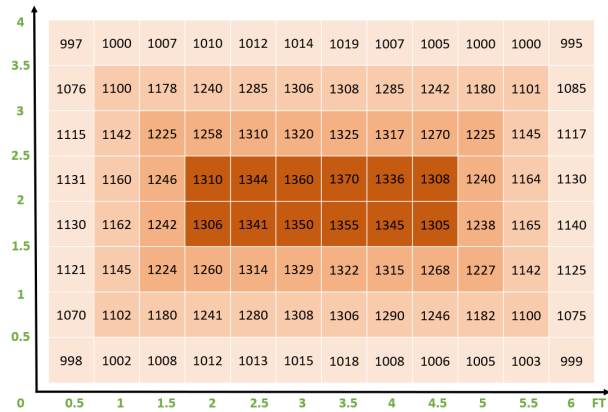
SPECTRUM



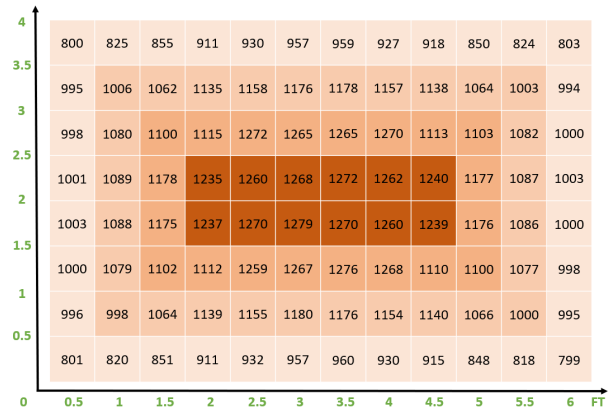
Full spectrum channel



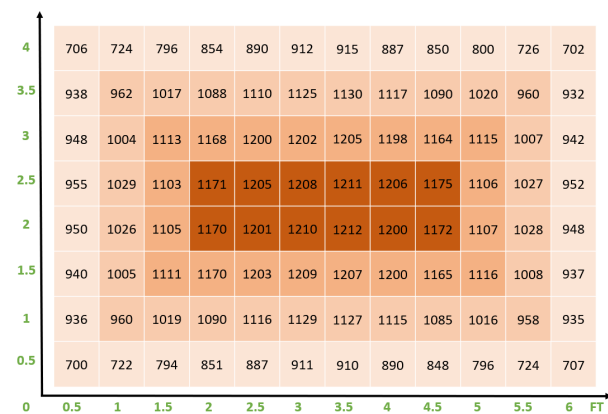
PHOTON FLUX DISTRIBUTION (PPFD) $\mu\text{MOL}/\text{M}^2.\text{S}$



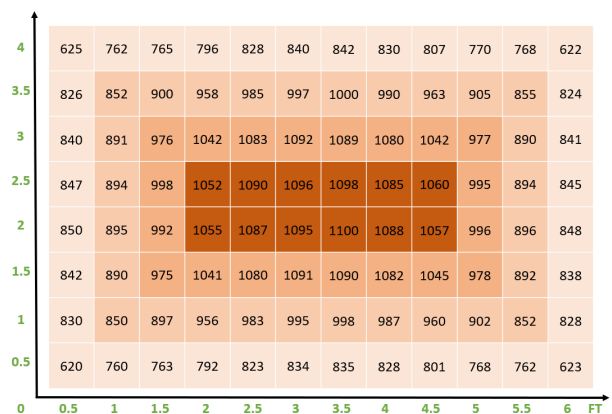
Measured at 10" height



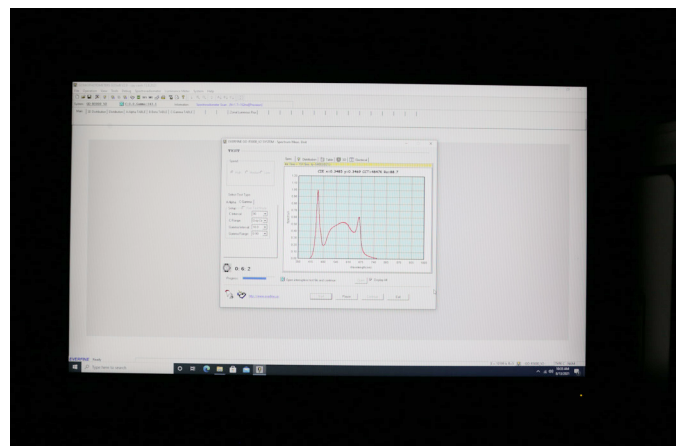
Measured at 12" height



Measured at 14" height



Measured at 18" height



PACKING AND TRANSPORTATION



Type of lamps	Quantity in master box (pcs)	Estimated quantity / 20'DC (pcs)	Estimated quantity / 40'HC (pcs)
1000W Gen 3	1	588	1,350



Exported markets: USA, EU, South Korea, etc.



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Specifications are subject to change without prior notice