

1000W SE GEN 2 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 $2.9\mu\text{mol}/\text{J}$.
- 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 2 high-efficacy grow light, with a complete 10-bar structure, can be easily folded or unfolded, saving installation time and costs.
- With higher power and a larger 4'x6' lamp size, it allows for uniform lighting over a larger cultivation area up to 4'x6', with an optimal light intensity of $1400\mu\text{mol}/\text{m}^2/\text{s}$ at a hanging height of 14".
- 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

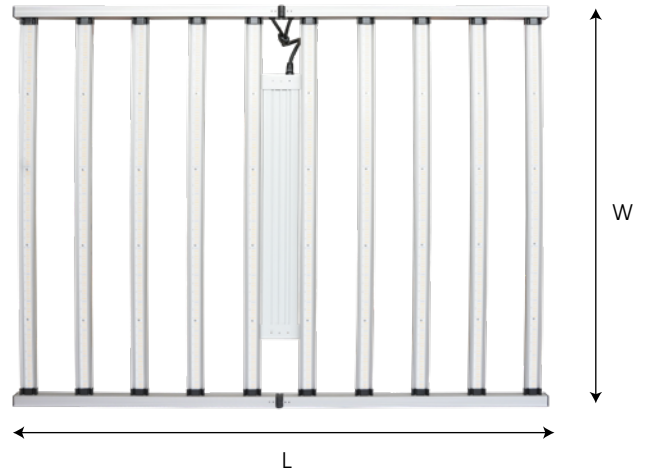


Plug (Options)



PRODUCT SPECIFICATIONS

- VOLTAGE FREQUENCY**
180 ÷ 277V
50/60Hz
- POWER FACTOR**
0.95
- BEAM ANGLE**
120°
- IP65**
- LIFE SPAN**
54,000 HOURS

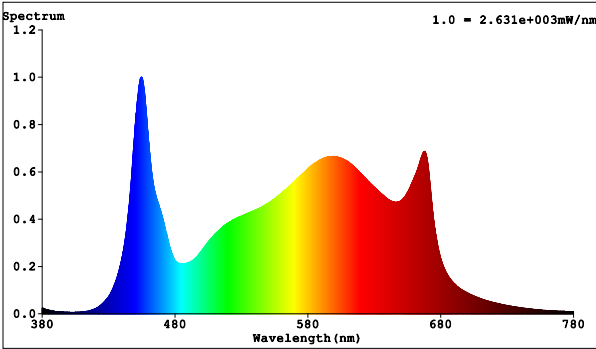


Model	Dimension LxW (mm)	Power (W)	Photosynthetic Photon Flux (μmol/s)	Photosynthetic Photon Efficacy (μmol/J)	Spectrum	Dimmable	No of Bars	LED light source
RD-1000W-SE.BV3-Gen 2	1800x1190	1000	2800	2.80 - 2.85	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	10	LM301B + LH351H V3
RD-1000W-SE.BV4-Gen 2	1800x1190	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 2	1800x1190	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 2	1800x1190	1000	2850	2.85 - 2.90	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	10	LM301H + Osram

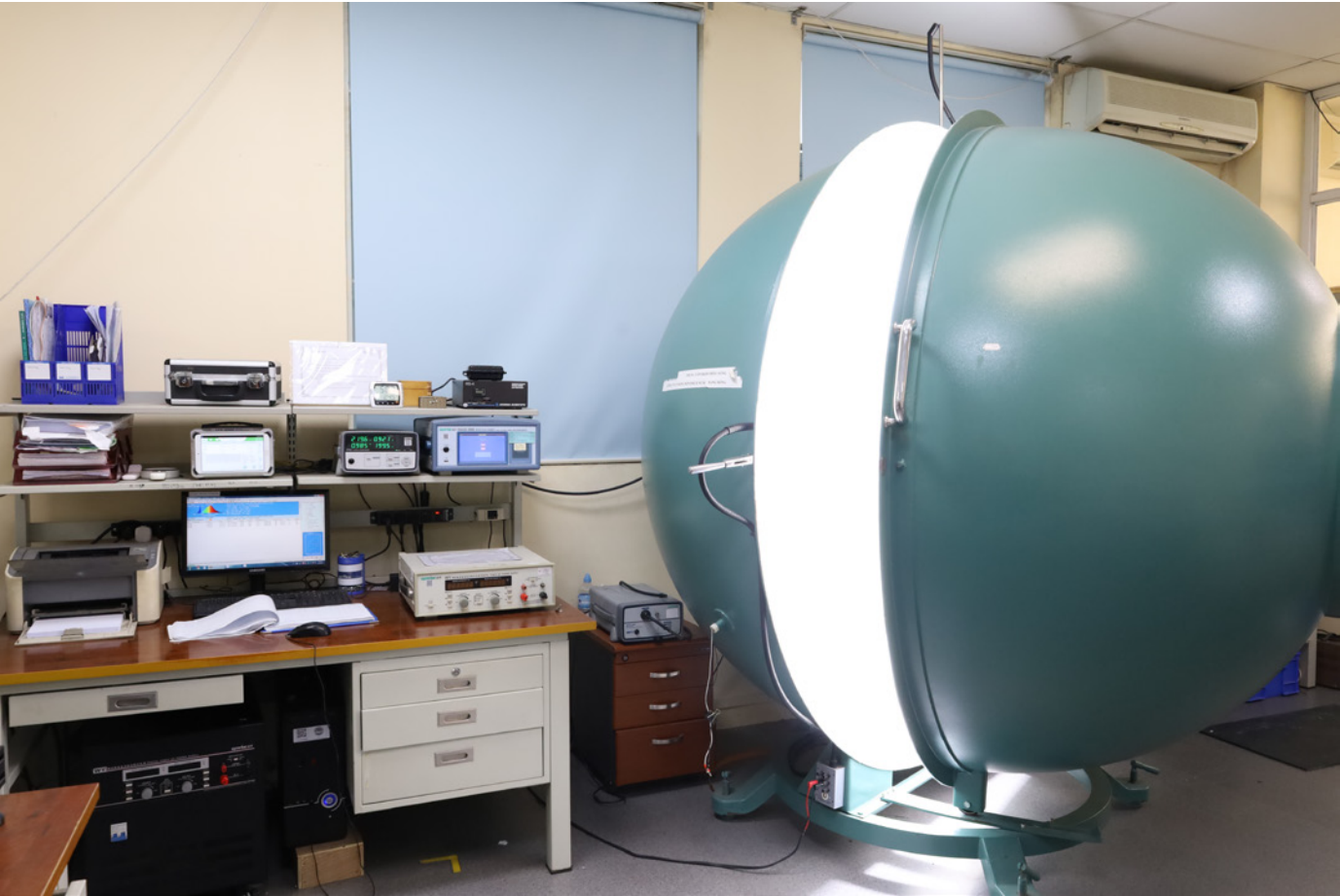
Capacity: 0.3 million pieces per year

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

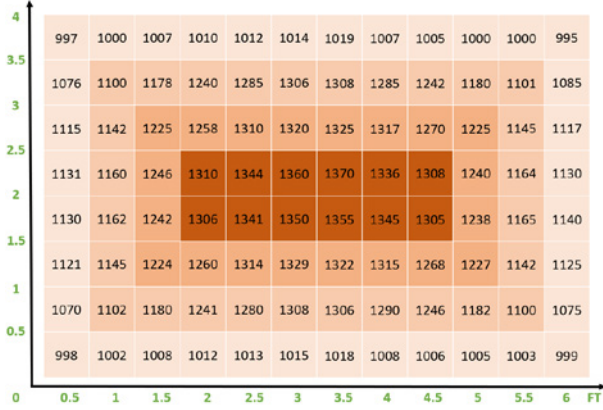
SPECTRUM



Full spectrum channel



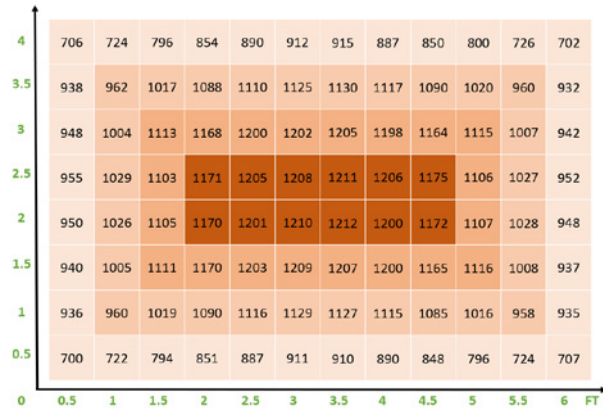
PHOTON FLUX DISTRIBUTION (PPFD) $\mu\text{MOL}/\text{M}^2.\text{S}$



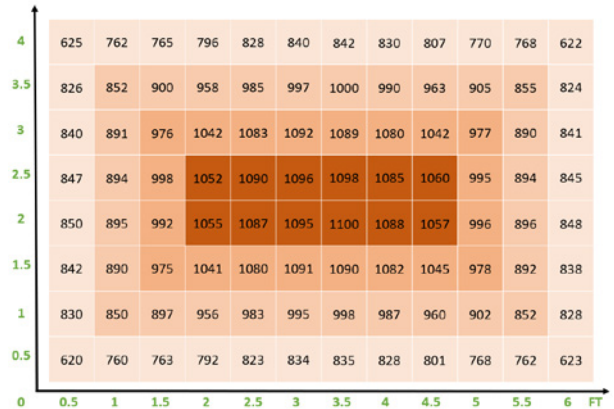
Measured at 10" height



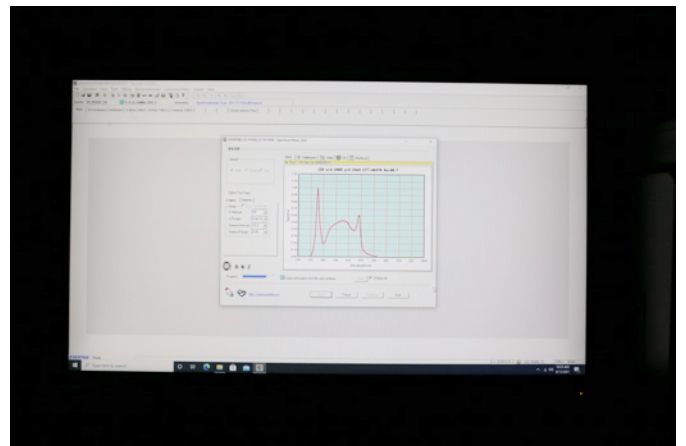
Measured at 12" height



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 2	2	404	928



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



RANG DONG LIGHT SOURCE AND VACUUM FLASK JOINT STOCK COMPANY

Add: 87- 89 Ha Dinh Street, Thanh Xuan, Hanoi, Vietnam

Tel: (84-24) 3 858 4310 / 3 858 4165

Fax: (84-24) 3 858 5038

Email: export@rangdong.com.vn



Specifications are subject to change without prior notice