

**Description:**

RX-LM301-312 high PAR output grow tent medicinal grow light module kit for Balanced growth. Samsung LM301 high efficiency led chip, and add the deep red 660 nm. More effective spectra for medicinal plants, full spectrum is Ideal Medicinal plants LED grow light which can obviously improve the quality and harvest. Suitable for basement planting, plant tent planting, experimental planting and greenhouse planting.



1. High efficiency grow light module kit, PPF efficiency up to 3.0 μmol/J
2. Samsung LM301b led chip, high efficiency and reliability
3. Additional 660 nm deep red led chip, efficiency up to 3.4 μmol/J, suitable for plant growth
4. Aluminum substrate size: 11.25" x 6.88" (286x175mm)
5. Can be customized the size, power, spectrum, PAR output, PPF output as you need.
6. Lifespan 50,000 hours
7. CE RoHS FCC.

Model	Dimension LxWxH	Spectral Wavelength	Photon PPF μmol/m <sup>2</sup> /s	Luminous flux Radiation Power	Power Test Input	Comment
RX-LM301-312	286x175x68mm 11.3"x6.9"x 2.7"	S10	454.7 μmol @0.3m 30837Lx	10861Lm 162 μmol/s	1.6A @31.5V	50W 3.2 μmol/J
			727.5 μmol @0.3m 49248Lx	17348Lm 259 μmol/s	2.6A @32.3V	84W 3.1 μmol/J
			1069.8 μmol @0.3m 72320Lx	25300Lm 378 μmol/s	3.9A @33.1V	2.9 μmol/J add heat sink
RX-LM301-312-K1	325x200x68mm 12.8"x7.9"x 2.7"	S10	821.2 μmol @0.3m 54928.2Lx	24378Lm 366.04 μmol/s	125W	Includes heatsink & Meanwell HLG-150H-42B
RX-LM301-312-K2	630x200x68mm* 24.8"x7.9"x 2.7"	S10	1397.6 μmol @0.3m 93525.5Lx	Flux: 43409Lm PPF: 647.15 μmol/s	240W	Meanwell HLG-240H/ELG-240 24"x24" grow tents
			907.66 μmol @0.4m 60815.2Lx			
RX-LM301-312-K3	900x300x68mm 35.4"x11.8"x 2.7"	S10	1439.2 μmol @0.3m 97047.5Lx	73134Lm 1098 μmol/s	320W	Meanwell HLG-320H-36B 48"x24" Grow tent
			730.2 μmol @0.5m 49145.1Lx			
			235.5 μmol @1m 15991Lx			
RX-LM301-312-K4	600x600x68mm 23.6"x23.6"x 2.7"	S10	1493 μmol @0.3m 187261.5Lx	Flux: 86821Lm PPF: 1294.3 μmol/s	480W	Meanwell HLG-480H-36B driver 36"x36" grow tent
RX-LM301-312-12 030	1200x300x68mm 47.2"x11.8"x 2.7"	S10	1607.9 μmol @0.3m 108523.5Lx	Flux: 86821Lm PPF: 1294.3 μmol/s	480W	Meanwell HLG-480H-36B 60"x24" Grow tent, dimmable current 13.3A
			863.46 μmol @0.5m 58573.1Lx			
RX-LM301-312-K6	900x900x68mm 35.4"x35.4"x 2.7"	S10	4192.8 μmol @0.3m 280576.5Lx	Flux: 130227Lm PPF: 1941.45 μmol/s	600W	Meanwell HLG-600H-36B 48"x48" grow tents

Surface temperature rise Tc 28° K, Operating temperature: -30°C ~ 40°C, Lifespan: 50,000 hours (Note: Ta 25°C) Tolerance range for optical and electrical data: ± 10%. Beam angle 120° , Recommended irradiation distance: 0.3~0.5m

The above data is for reference only!