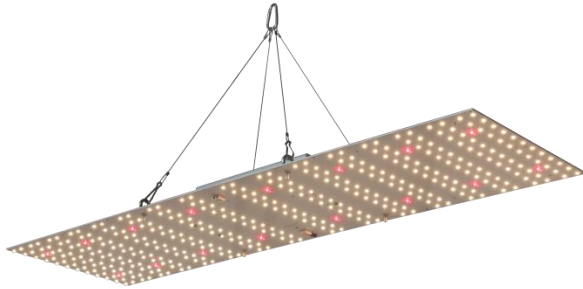


**Description:** RX-LM301-900255 high PAR output medicinal grow light module kit, large size module 35"x10" ( 890x255mm) , for Balanced growth. Samsung LM301 high efficiency led chip, and add the German brand deep red 660 nm. More effective spectra for medicinal plants, full spectrum is Ideal Medicinal 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 , efficiency up to 2.7 $\mu\text{mol}/\text{J}$
2. Samsung LM301 led chip , German brand 660nm or 730nm
3. Special LED arrangement, center illumination and edge illumination are more uniform
4. Dedicated to medicinal plant growth, Irradiation coverage area 40' x20' (1x0.5m)
5. Can be customized the size, power, spectrum, PAR output, PPF output as you need.
6. Input:AC100~277V, power: 240W
7. Lifespan 50,000 hours
8. CE RoHS FCC

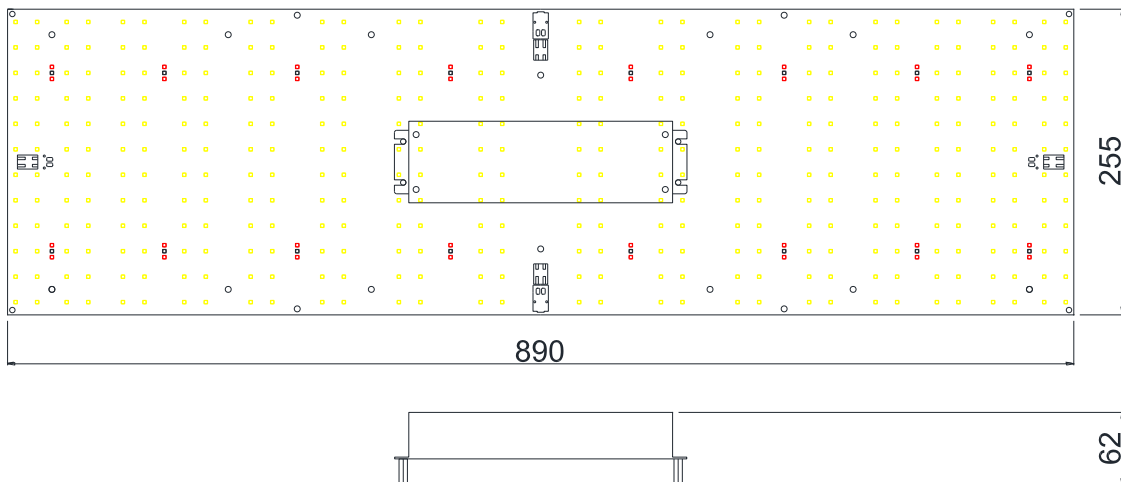
Model	Dimension LxWxH	Spectral Wavelength	Photon PPF $\mu\text{mol}/\text{m}^2/\text{s}$	Luminous flux Radiation Power	Test Power Input 230V	Comment
RX-LM301-900255-K1	890x255x62mm 35"x10"x 2.4"	S13	1345 $\mu\text{mol}$ @0.2m 90276Lx	Flux: 41488Lm PPF:611 $\mu\text{mol}/\text{s}$	229W PF >0.9	Meanwell ELG-240-42B Optional HLG-240H-42
			862 $\mu\text{mol}$ @0.3m 57652Lx			
			474 $\mu\text{mol}$ @0.5m 31577Lx			
RX-LM301-900255-K1	890x255x62mm 35"x10"x 2.4"	S14	1353 $\mu\text{mol}$ @0.2m 90141Lx	Flux: 41389Lm PPF:612 $\mu\text{mol}/\text{s}$	238W PF >0.9	Additional increase of German brand 730nm far red LED
			872 $\mu\text{mol}$ @0.3m 57846Lx			
			481 $\mu\text{mol}$ @0.5m 31865Lx			

Max working temperature: Tc 26 °K ,Working temperature: - 30°C ~ 40°C ,Lifespan: 50,000 hours (Note: Ta 25 °C)

Tolerance range for optical and electrical data:  $\pm 10\%$  . Beam angle 120°C , Recommended irradiation distance: 0.3~0.5m

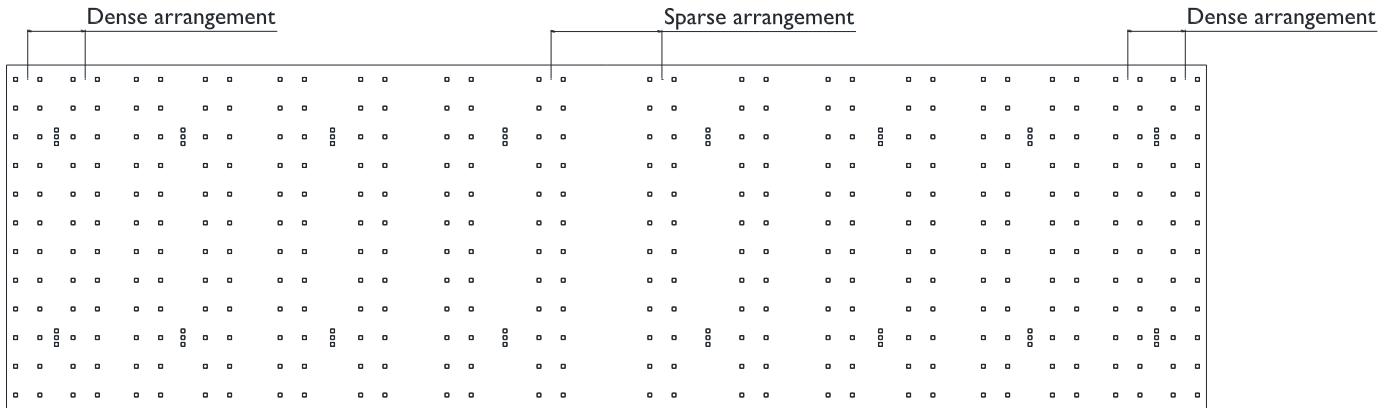
The above data is for reference only!

Dimension:



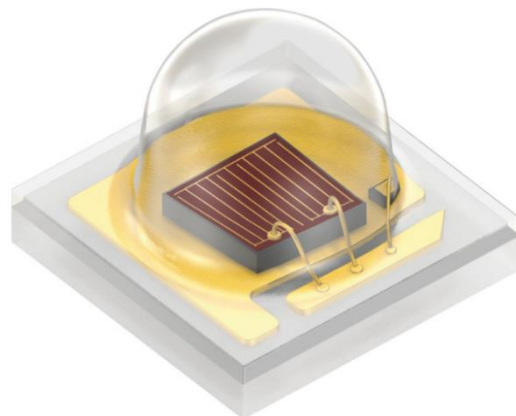
UNIT: mm

- Special LED arrangement, center illumination and edge illumination are more uniform

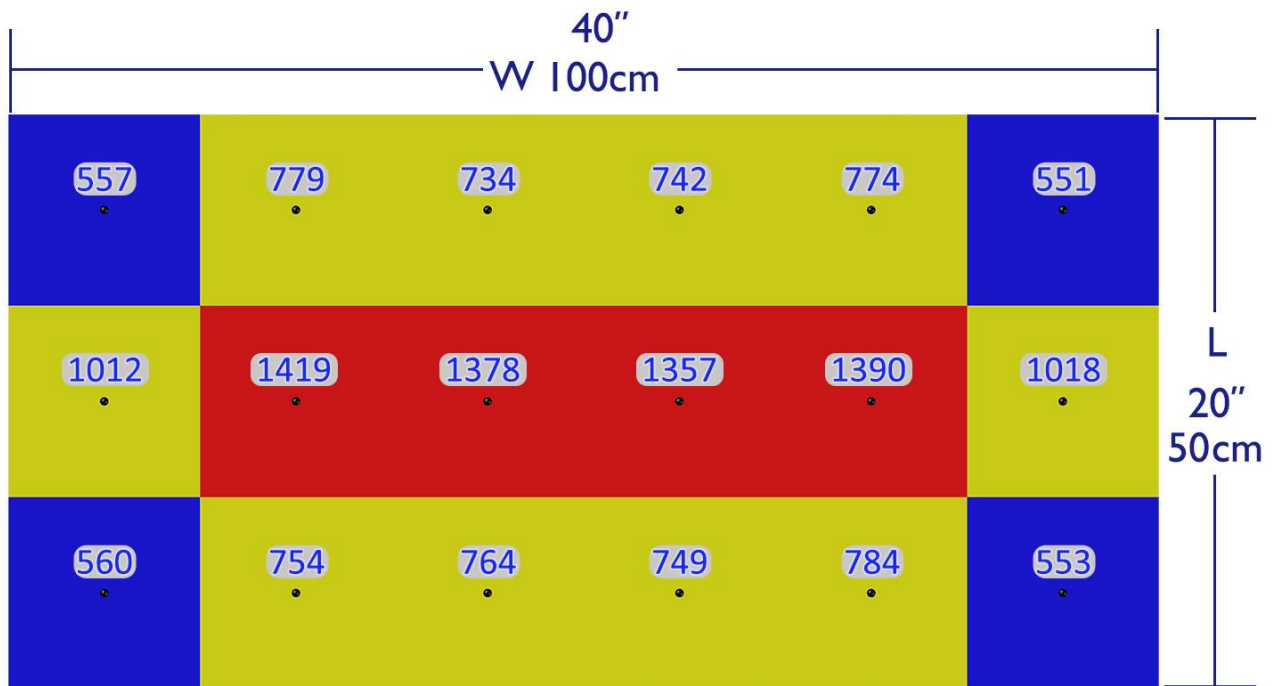
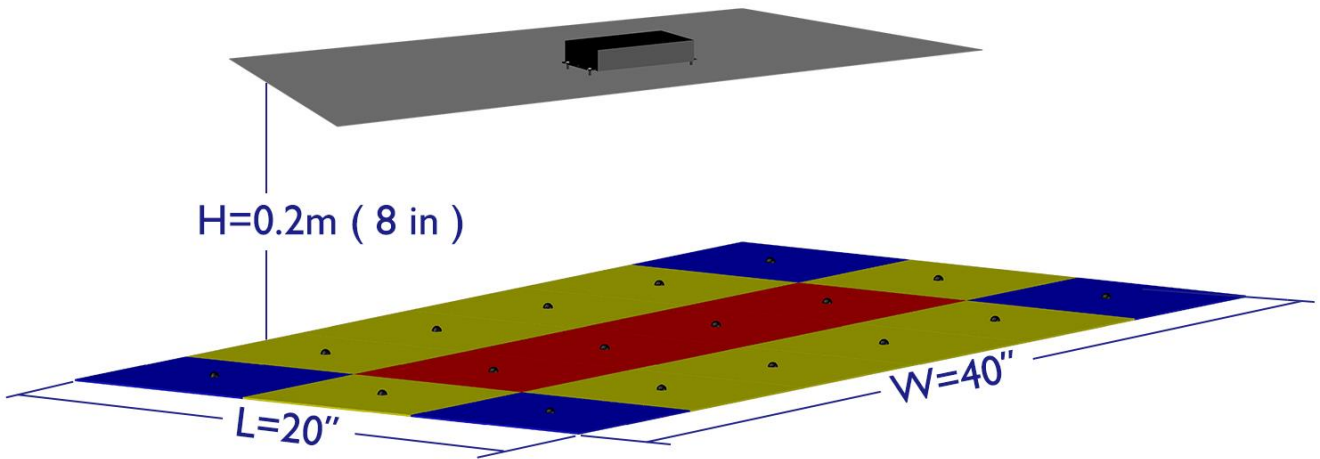


Improve the uniformity of light through dense arrangement and sparse arrangement!

- High efficiency and energy saving, Samsung LM301b led chip, add German brand 660nm or 730nm



- RX-LM301-900255-H20 PPFD 18 point test

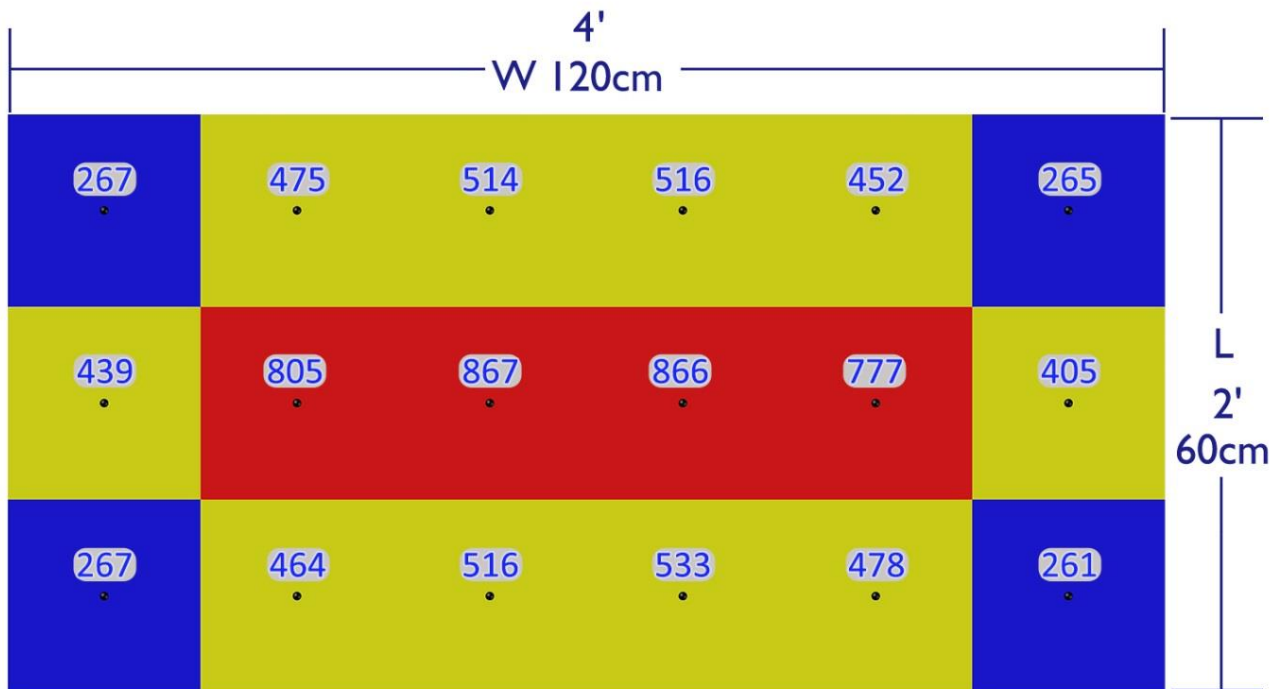
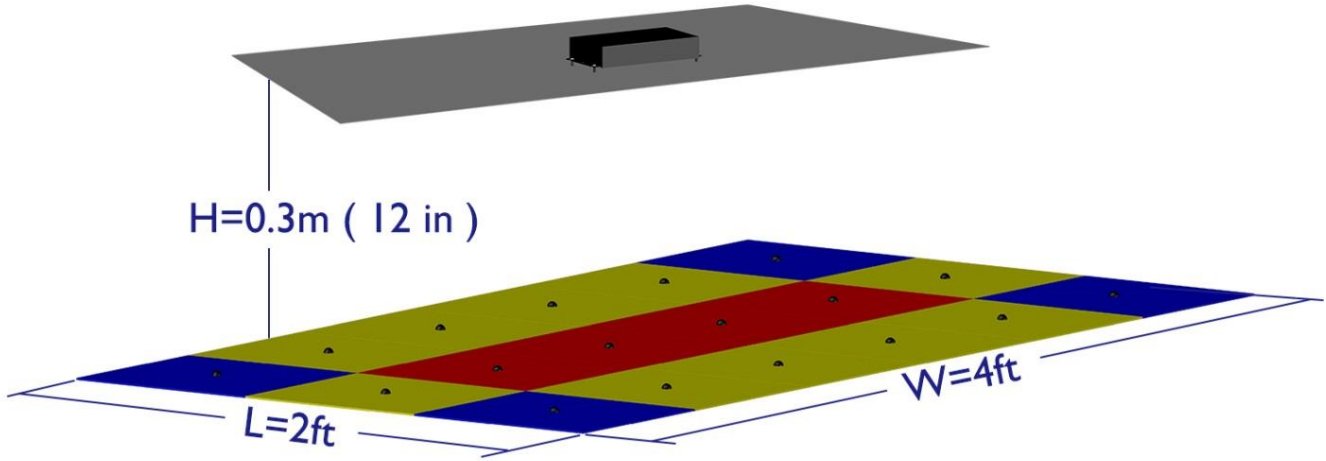


Test height 8" 200mm

RX-LM301-900255-H20 PPFD 18-point test, covering area: 40" x20" (1x0.5m), test height: 8" 200mm

Center point PPFD: 1345 $\mu$ mol/m<sup>2</sup>/s, average PPFD: 882 $\mu$ mol/m<sup>2</sup>/s

- RX-LM301-900255-H30 PPFD 18 point test

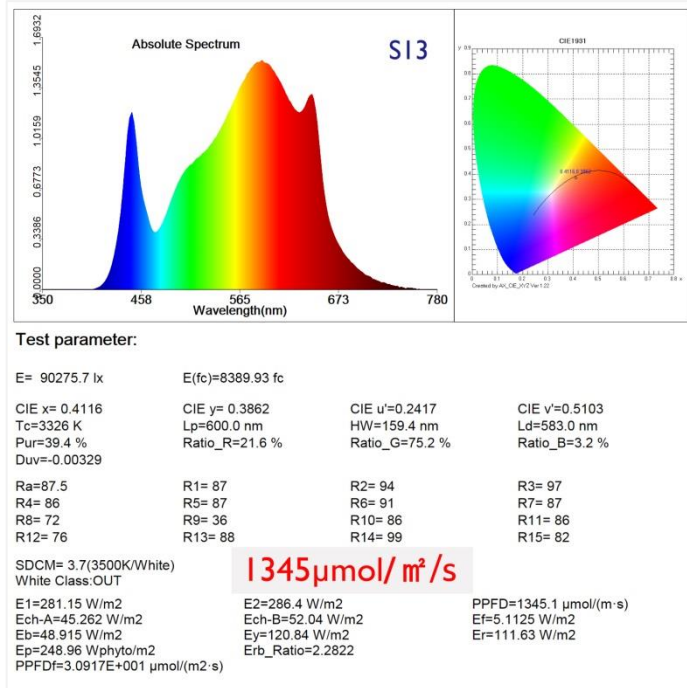


Test height 12" 300mm

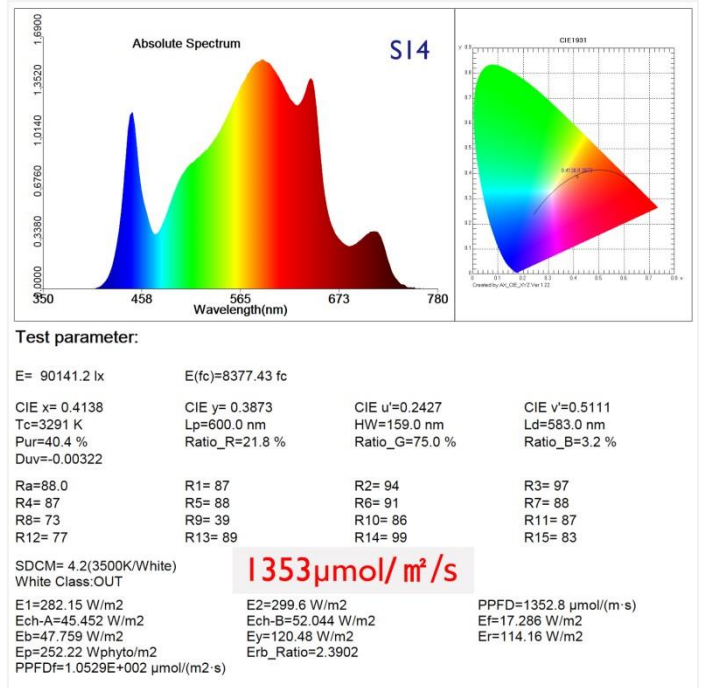
RX-LM301-900255-H30 PPFD 18-point test, covering area: 48" x24" (1.2x0.6m), test height: 12" 300mm

Center point PPFD: 862 $\mu$ mol/m<sup>2</sup>/s, average PPFD: 509.3 $\mu$ mol/m<sup>2</sup>/s

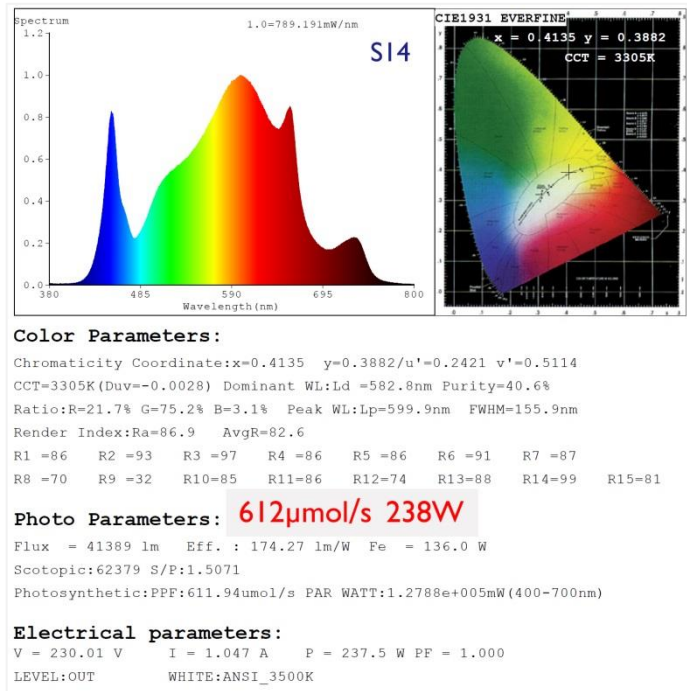
● RX-LM301-900255 Test Report



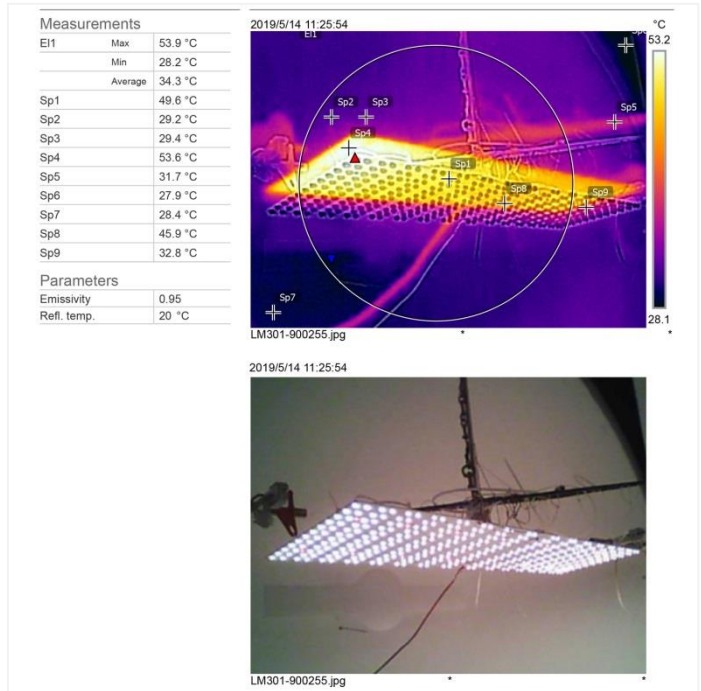
RX- LM301-900255-K I-S13 0.2m PPFD TESTPPF TEST



RX- LM301-900255-KI-S14 0.2m PPFD TESTPPF TEST



RX- LM301-900255-KI-S14 PPF PAR TEST



Surface temperature Test