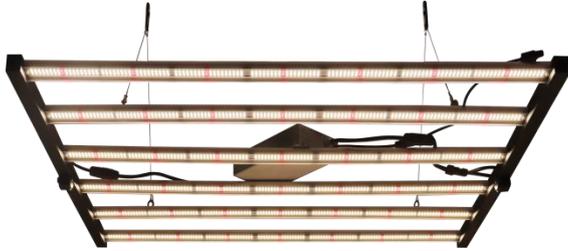


Description:

RX-G120-V2 Toplighting medicinal plant LED, Vertical agriculture commercial horticulture cultivation , Designed for growers to push the envelope with high-PPFD cultivation practices. Not intended for beginner growers or grows without CO₂ supplementation. Preferred medicinal plant light recipe, Light recipes can be customized.

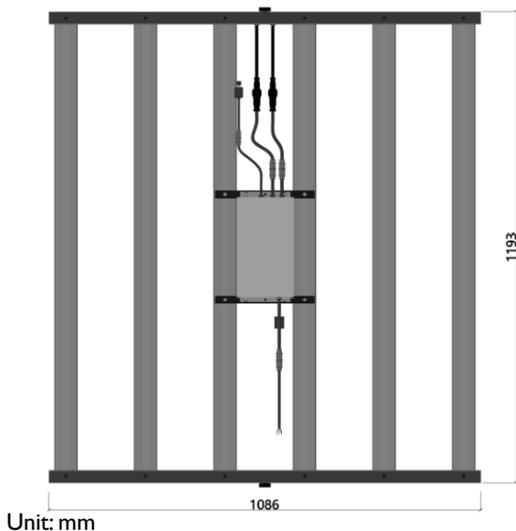


1. Vertical medicinal planting horticulture LED for commercial horticulture cultivation.
2. High-PPFD >1200 $\mu\text{mol}/\text{m}^2/\text{s}$ @0.15m, High efficiency , PPF efficiency is up to 2.9 $\mu\text{mol}/\text{J}$
3. Optimal spectrum of medicinal plants, after extensive practical planting tests!
4. Samsung LM301, Far Red, Hyper Red with German brand horticulture LED
5. The recommended Mounting Height: 6" ~ 12" (15~30cm) Above plant canopy
6. Input Power: 630W/AC120V, 620W/AC277V
7. Life span 50000 hours
8. CE RoHS FCC

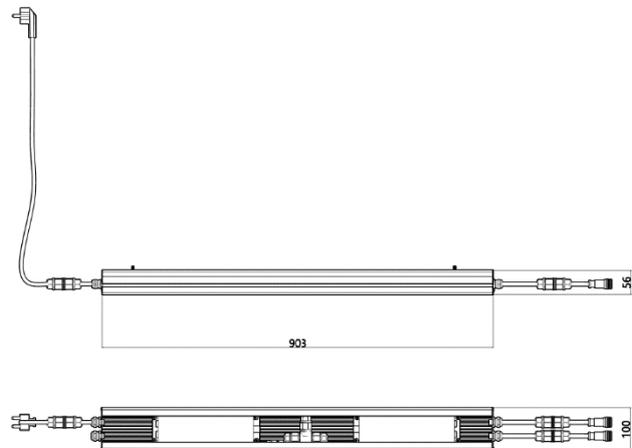
Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD $\mu\text{mol}/\text{m}^2/\text{s}$	Luminous flux Radiation Power	Power Test Input	Comment
RX-G120-V2-F35	1193x1086x33mm 47" * 42.8" * 1.3"	<p>F35</p>	1340 μmol @0.15m	1850 $\mu\text{mol}/\text{s}$	620W 277V	2.9 $\mu\text{mol}/\text{J}$ Medicinal plant light recipe Vegetative growth and flowering
			1037 μmol @0.3m			
			793 μmol @0.5m			
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:0.15~0.3m						

The above data is for reference only!

Dimension:



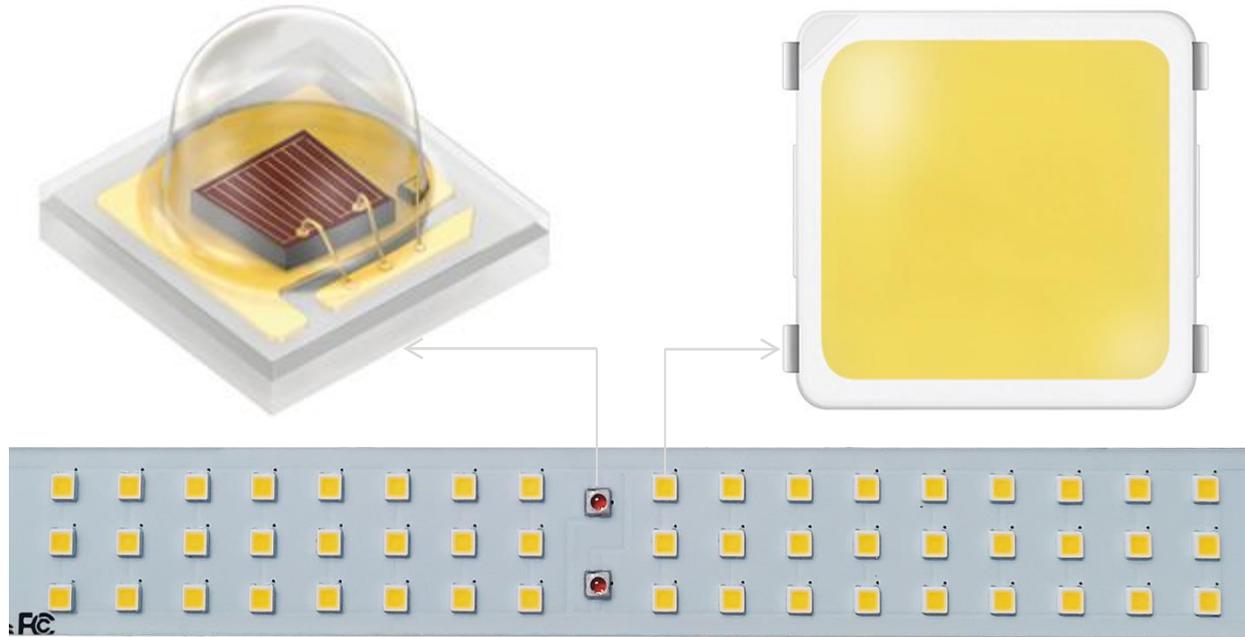
Optional power box:



Optional: ELGC-300 power supply

Standard power supply (90~305VAC)

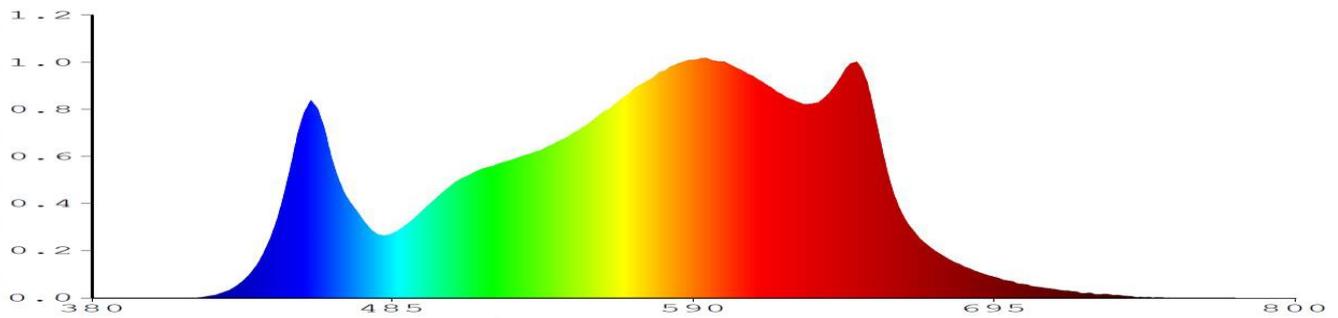
- Samsung LM301, Far Red with German brand horticulture LED



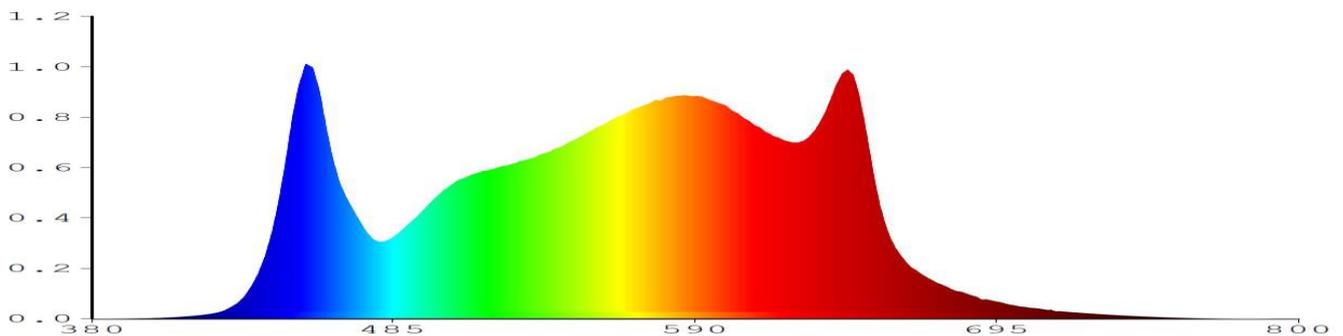
LM301 LED= 2142pcs

3030 Hyper Red LED= 84pcs

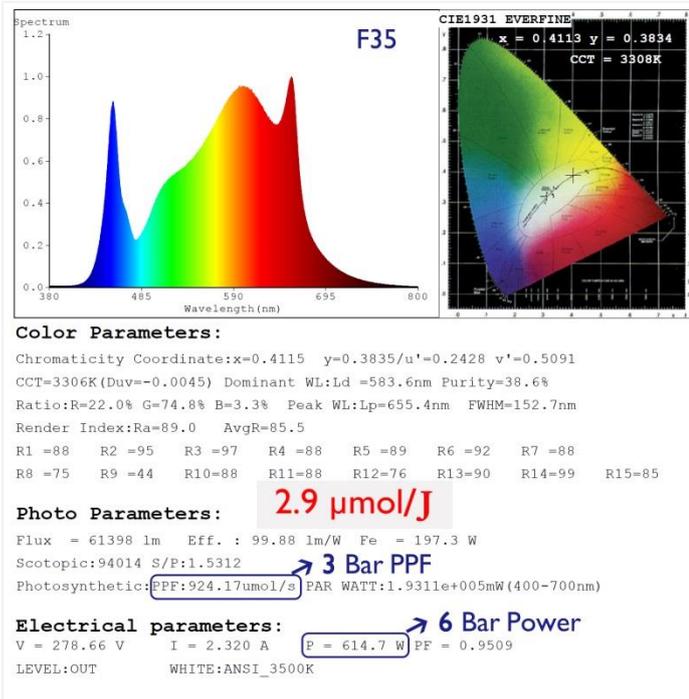
- F35 Light recipe - Optimal spectrum of medicinal plants, after extensive practical planting tests!



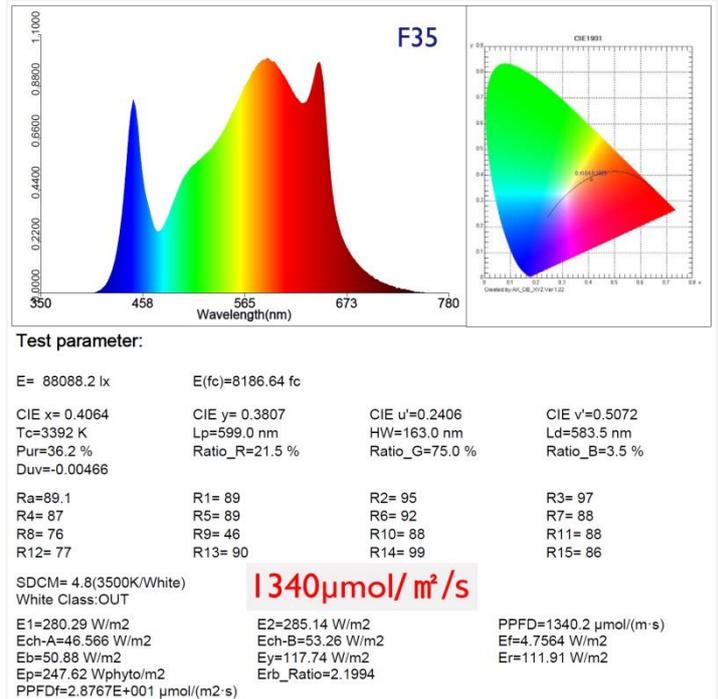
- F36 Light Recipe-Customizable spectrum, Suitable for plant seedling stage, vegetative growth stage.



- High efficiency , PPF efficiency is up to 2.9 $\mu\text{mol}/\text{J}$, High-PPFD >1200 $\mu\text{mol}/\text{m}^2/\text{s}$ @0.15m

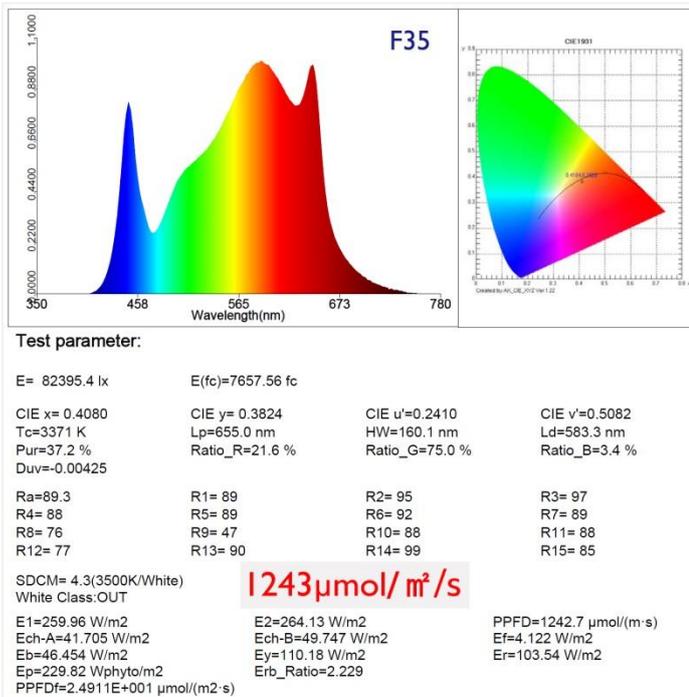


RX-G120-V2 F35 277V 620W PPF Output



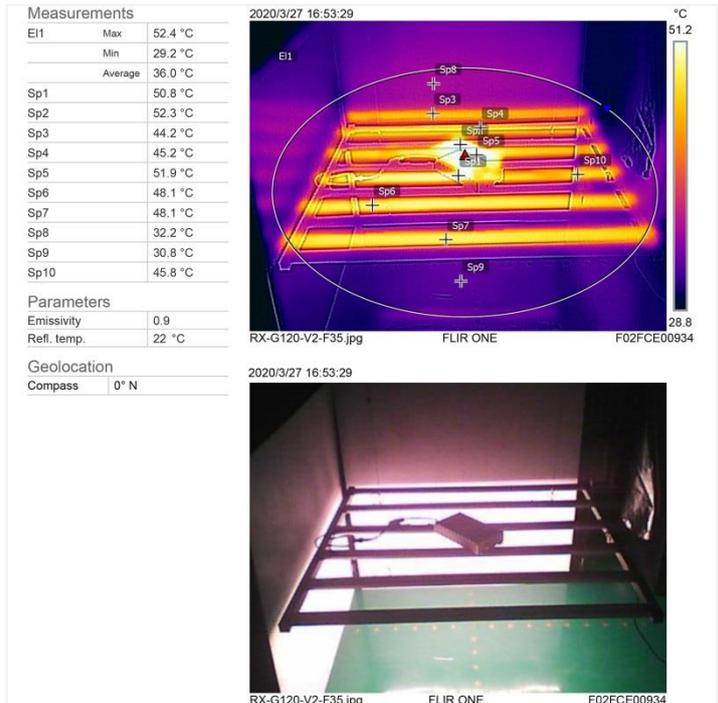
RX-G120-V2 F35 0.15m 620W PPF Output

- High-PPFD >1100 $\mu\text{mol}/\text{m}^2/\text{s}$ @0.2m



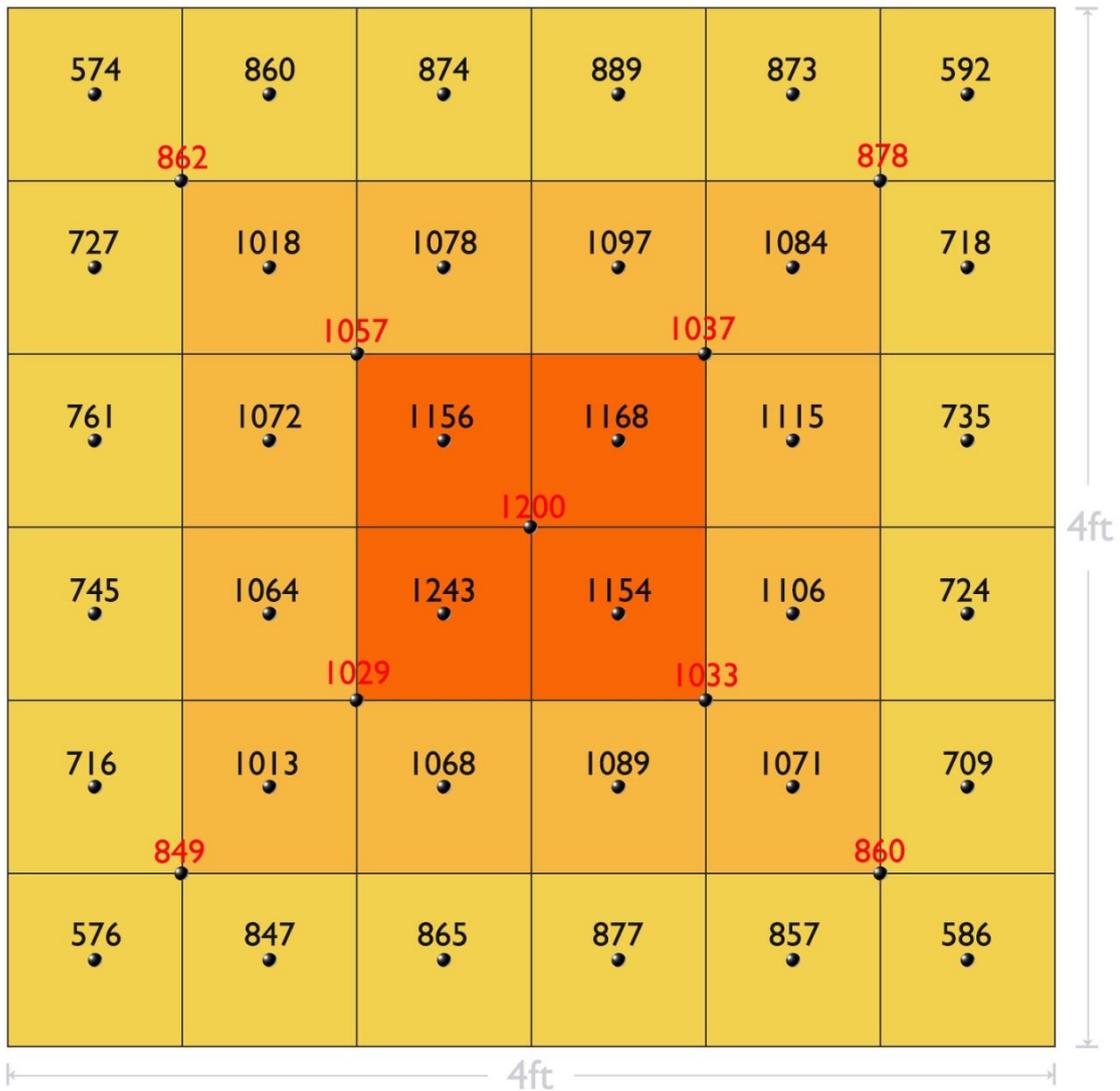
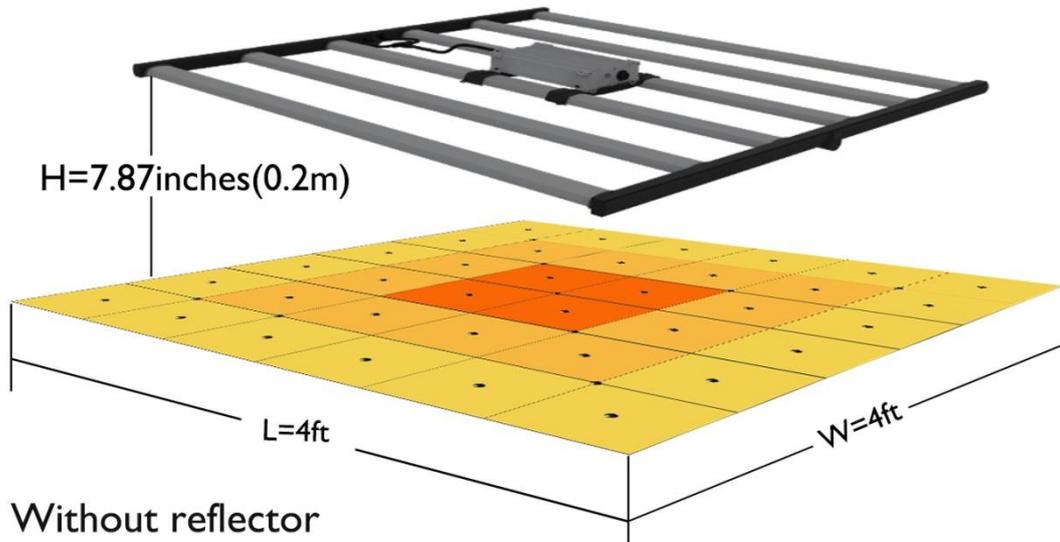
RX-G120-V2 F35 0.2m 620W PPF Output

Temperature test



Surface temperature test report

- RX-G120-V2-F35 620W 45-point test, Coverage area: 48'' x 48'' (1.2m x 1.2m), Test height: 8'' (0.2m)



Coverage area: 4ft * 4ft (1.2m * 1.2m)

Center point PPFD: 1200 $\mu\text{mol} / \text{m}^2 / \text{s}$ Average PPFD: 922 $\mu\text{mol} / \text{m}^2 / \text{s}$