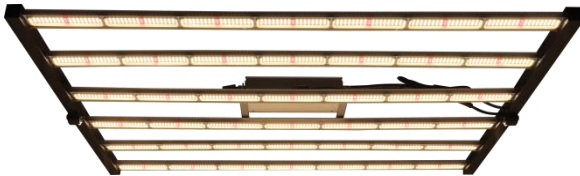




## Description:

RX-G120 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 CO<sub>2</sub> supplementation. Preferred medicinal plant light recipe, Light recipes can be customized.



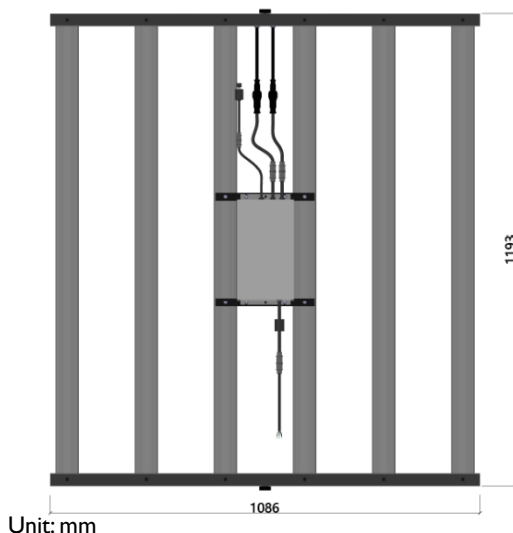
1. Vertical medicinal planting horticulture LED for commercial horticulture cultivation.
2. High-PPFD >1200 $\mu\text{mol}/\text{m}^2/\text{s}$  @0.15m, High efficiency , PPF efficiency is up to 2.8 $\mu\text{mol}/\text{J}$
3. Optimal spectrum of medicinal plants,after extensive practical planting tests!
4. Samsung LM301H, Far Red, Hyper Red with German brand horticulture LED
5. Using meanwell power supply, long life is more reliable
6. The recommended Mounting Height: 6" ~ 12" (15~30cm)  
Above plant canopy
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-C2-F32	1193x1086x33mm 47" * 42.8" * 1.3"	F32 	1362 $\mu\text{mol}$ @0.15m	1750 $\mu\text{mol}/\text{s}$	630W 277V	2.8 $\mu\text{mol}/\text{J}$ Medicinal plant light recipe Vegetative growth and flowering
			1171 $\mu\text{mol}$ @0.3m			
			875 $\mu\text{mol}$ @0.5m			
RX-G120-C2-F31		F31 	1250 $\mu\text{mol}$ @0.15m	1700 $\mu\text{mol}/\text{s}$	630W 277V	needs customization Extra far red light for flowering and harvesting
			1100 $\mu\text{mol}$ @0.3m			
			850 $\mu\text{mol}$ @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 100°,Recommended irradiation distance:0.15~0.3m

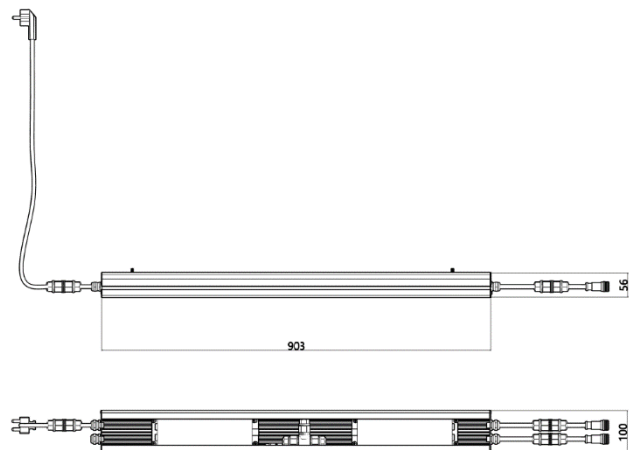
The above data is for reference only!

## Dimension:



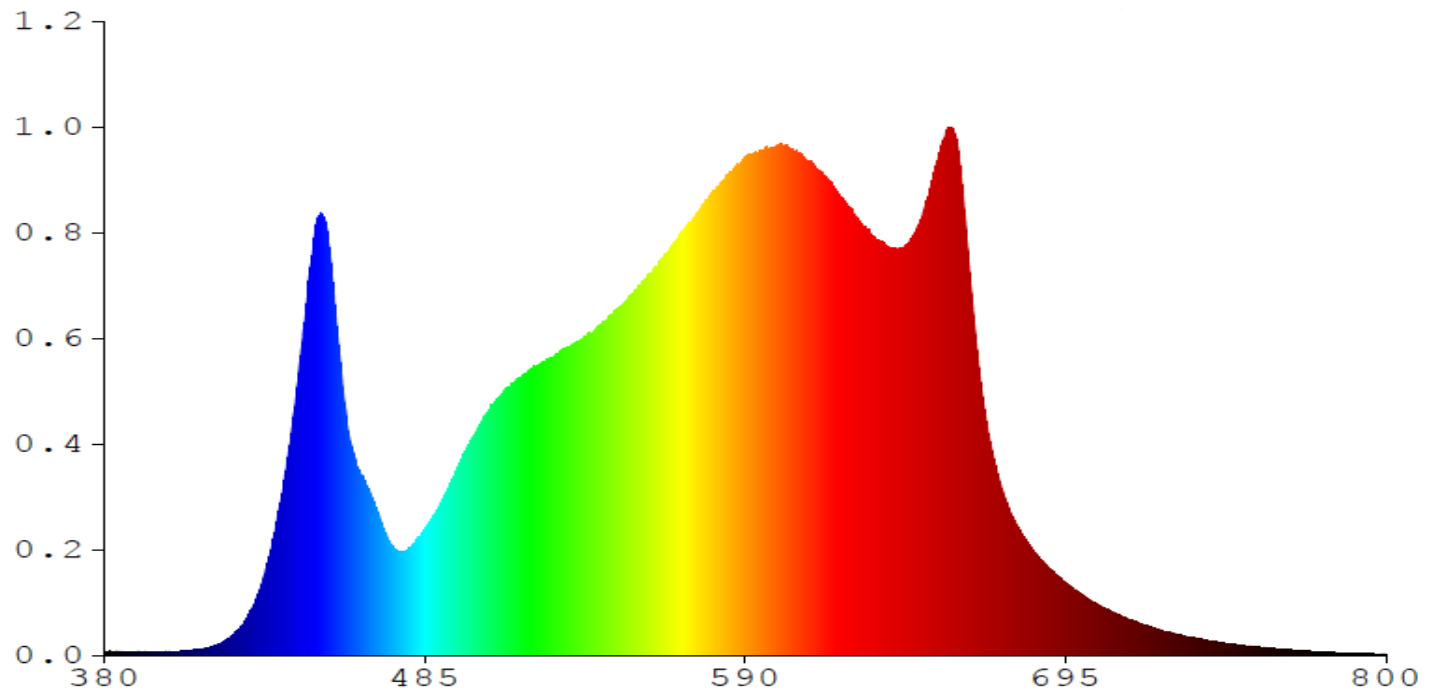
Standard HLG-600H power supply

## Optional power box:

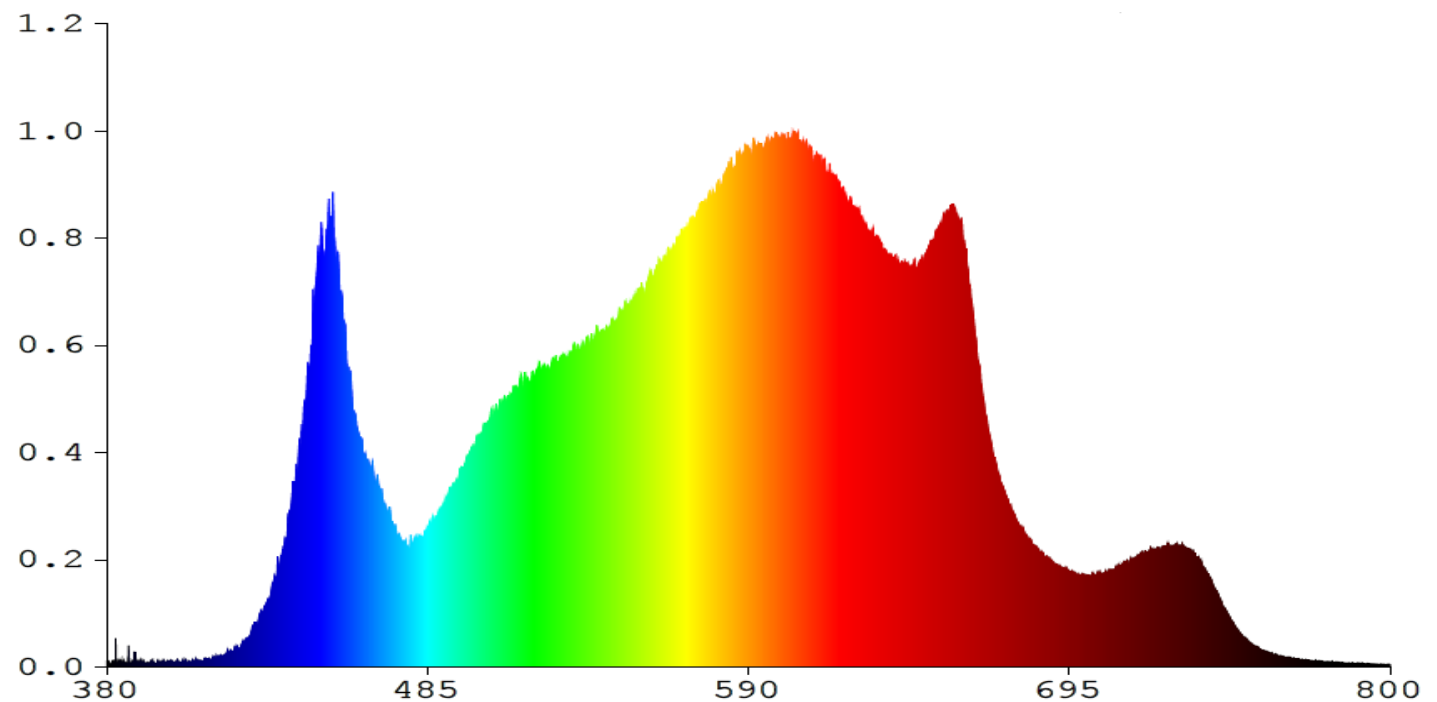


Optional: ELGC-300 power supply

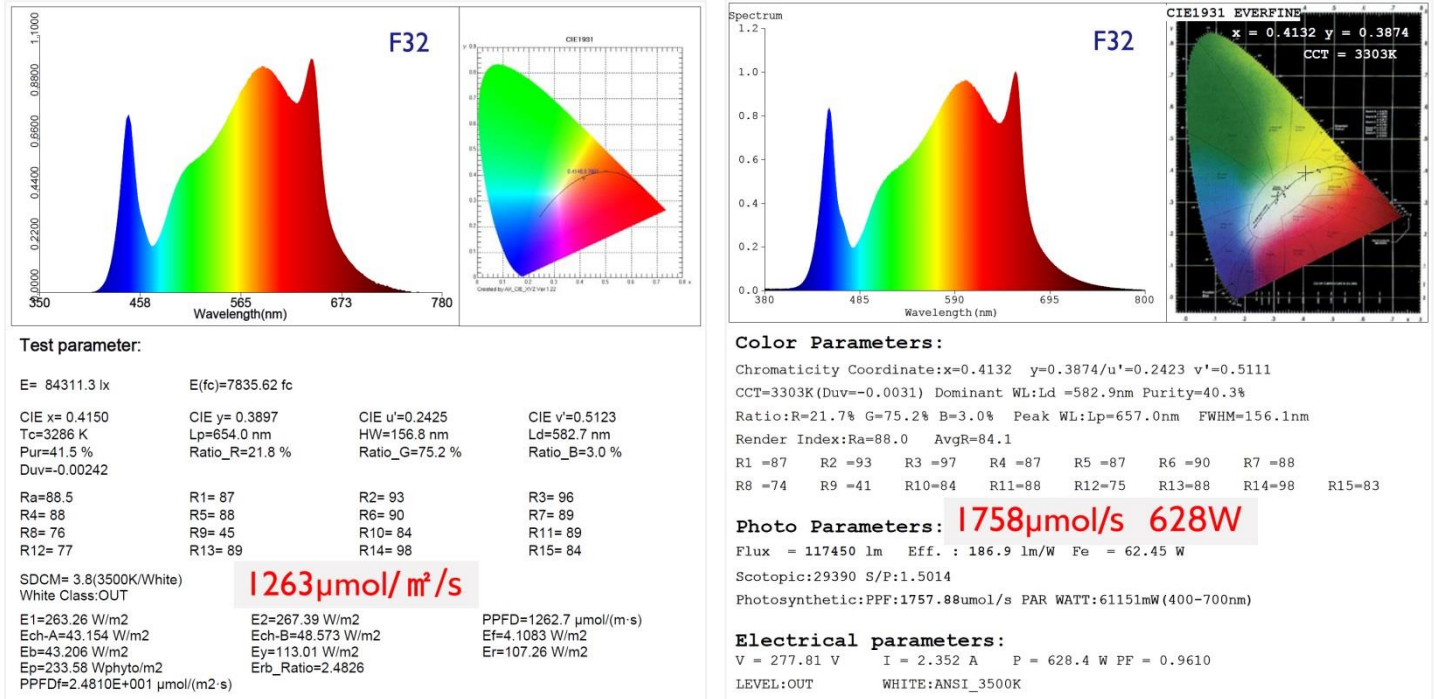
- F32 Light recipe - Optimal spectrum of medicinal plants, after extensive practical planting tests!



- F31 Light Recipe-Customizable spectrum, extra far red light FR730nm is added, which is more conducive to flowering and harvest!



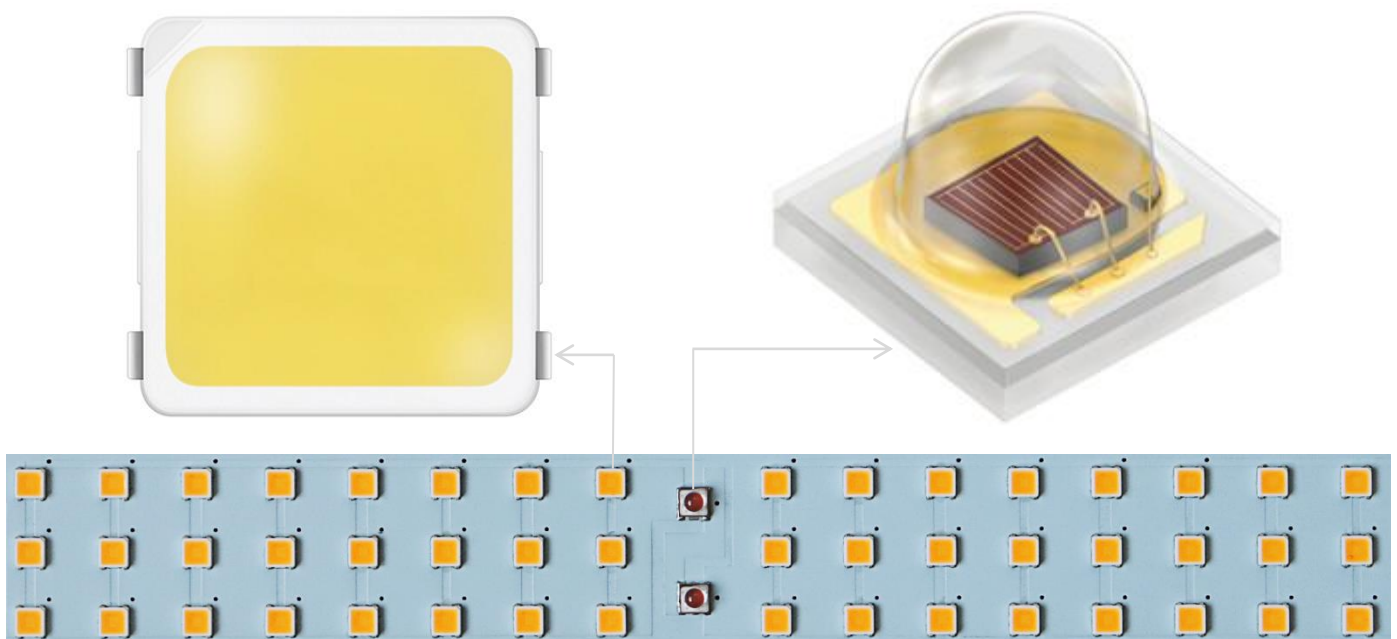
- High-PPFD >1200 $\mu\text{mol}/\text{m}^2/\text{s}$  @0.2m, High efficiency , PPF efficiency is up to 2.8 $\mu\text{mol}/\text{J}$



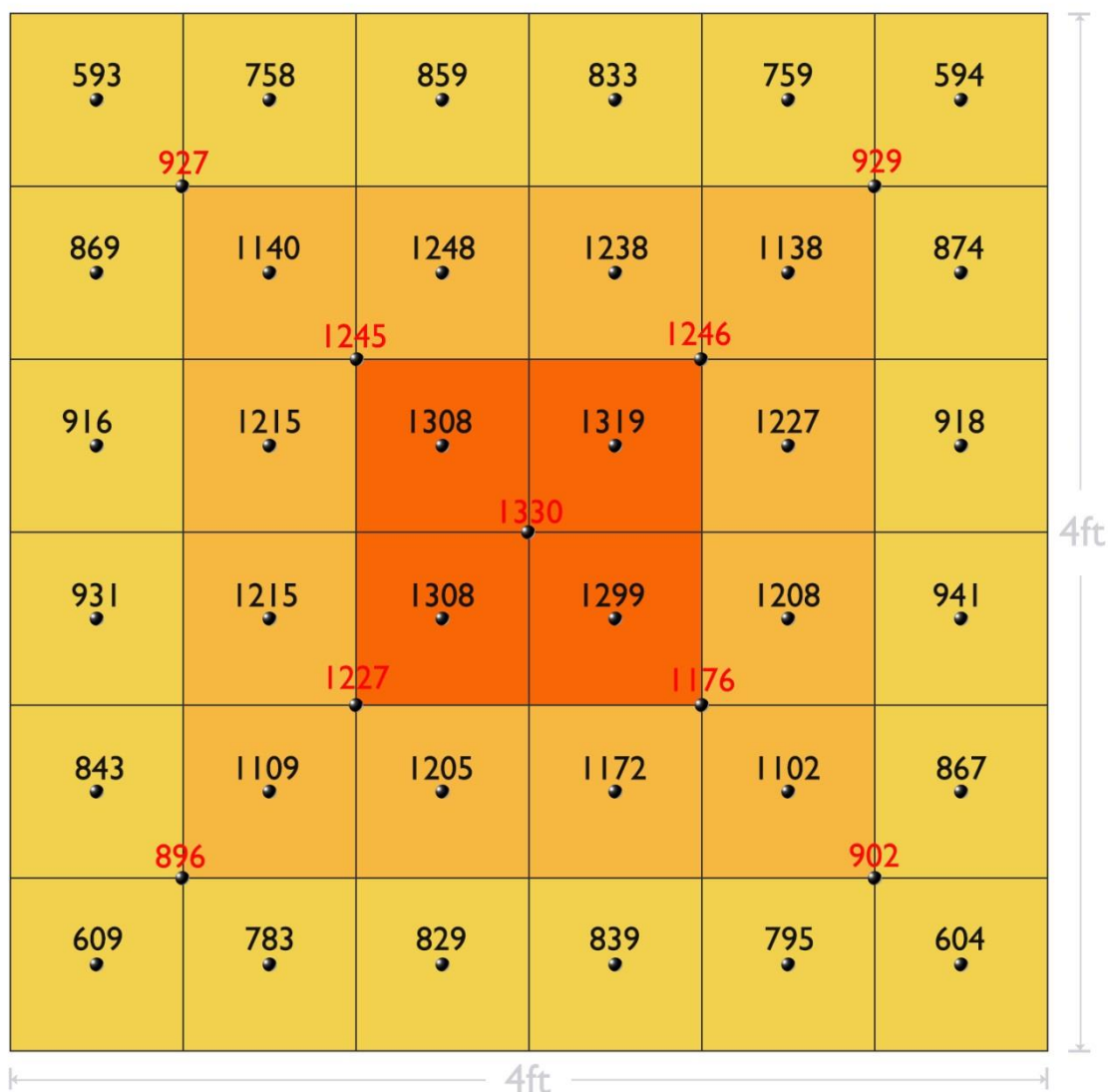
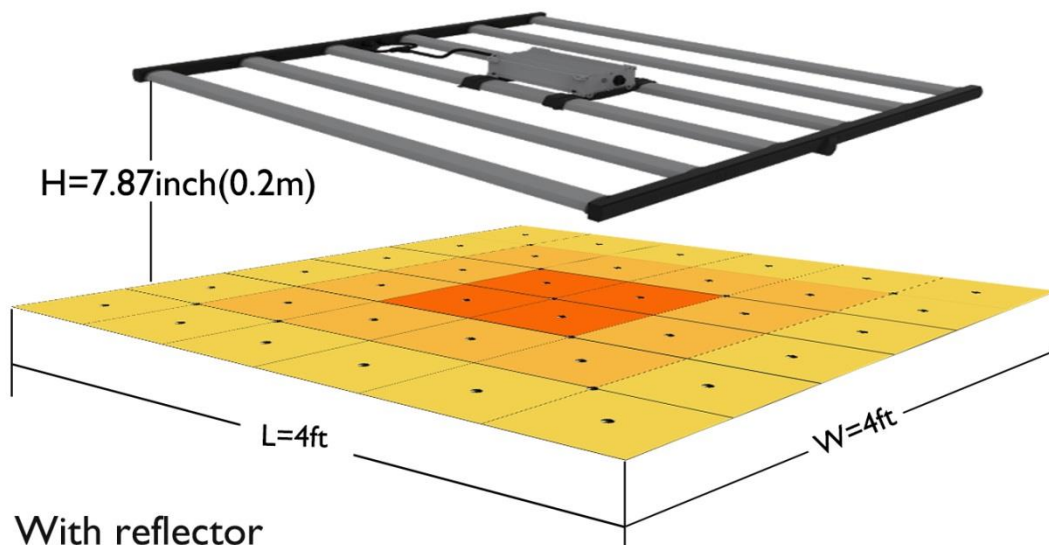
RX-G120-F32 0.2m PPFD Output

RX-G120-F32 277V 628W PPF Output

- Samsung LM301H, Far Red, Hyper Red with German brand horticulture LED



- RX-G120 630W 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: 1330  $\mu\text{mol} / \text{m}^2 / \text{s}$  Average PPFD: 1007  $\mu\text{mol} / \text{m}^2 / \text{s}$

- Meanwell power supply, long life is more reliable

