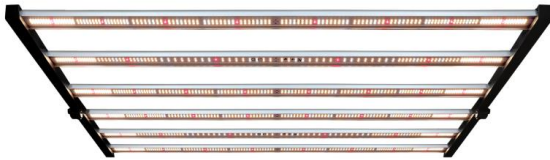


Description:

G120 U Koray high uniformity horticultural LED medicinal plant grow light , 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.



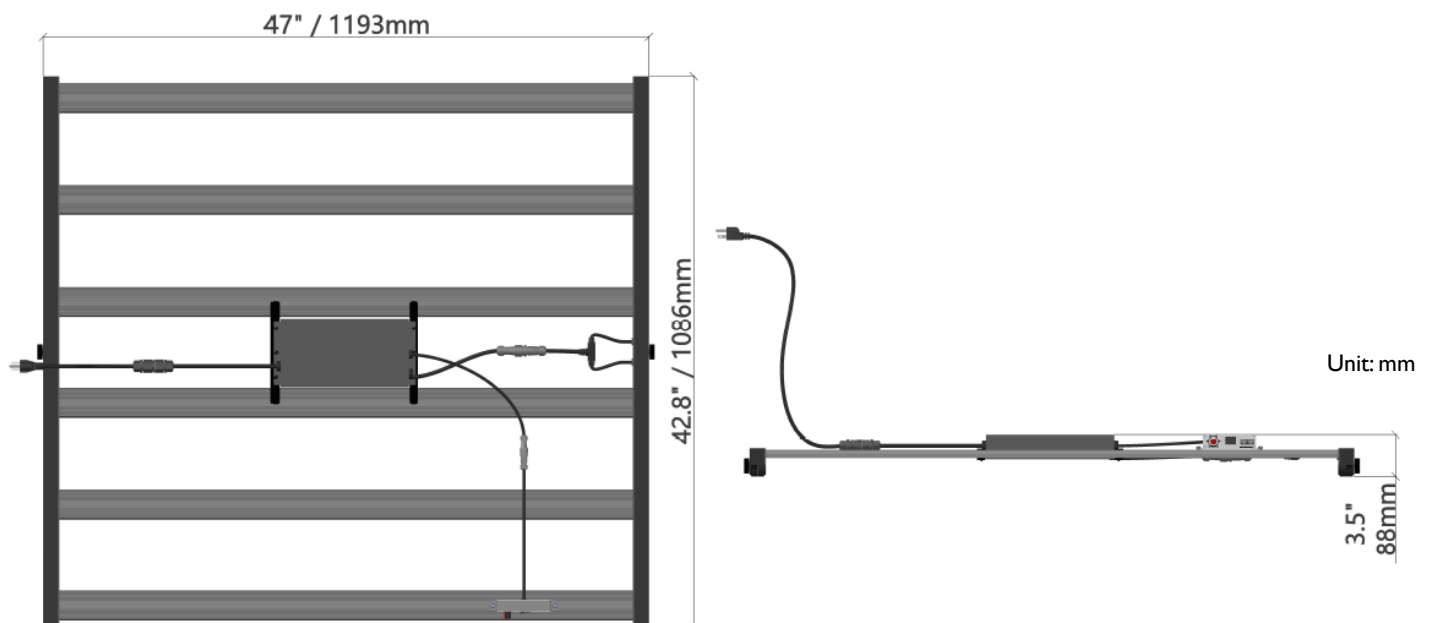
1. Koray high uniformity 630W horticultural LED grow light
2. Covered area in tent, Veg is 6'x6', of flowering is 5'x5'
3. Dark room without any reflective sides, Covered area: Veg is 5'x5', of flowering is 4'x4'
4. F91 spectrum: Samsung white LED, Osram Hyper Red horticulture 660nm LED far red 730nm
5. PAR 1700umol/s , PPF efficiency is up to 2.7umol/J
6. Multi-Lights Connection Dimming, compatible with Horti Guru APP control system
7. Life span 50000 hours, Warranty 3 years
8. CE RoHS FCC ETL

Model	Dimension LxWxH	Spectral Wavelength	Avg PPFD $\mu\text{mol}/\text{m}^2/\text{s}$	PPF	Power Input AC120-277V	Comment
RX-G120 U	1193x1086x88mm 47" * 42.8" * 3.5"	F91 	787 μmol @12" (0.31m)	1700 $\mu\text{mol}/\text{s}$	630W	Medicinal plant light recipe Vegetative growth and flowering
			864 μmol @8" (0.21m)			

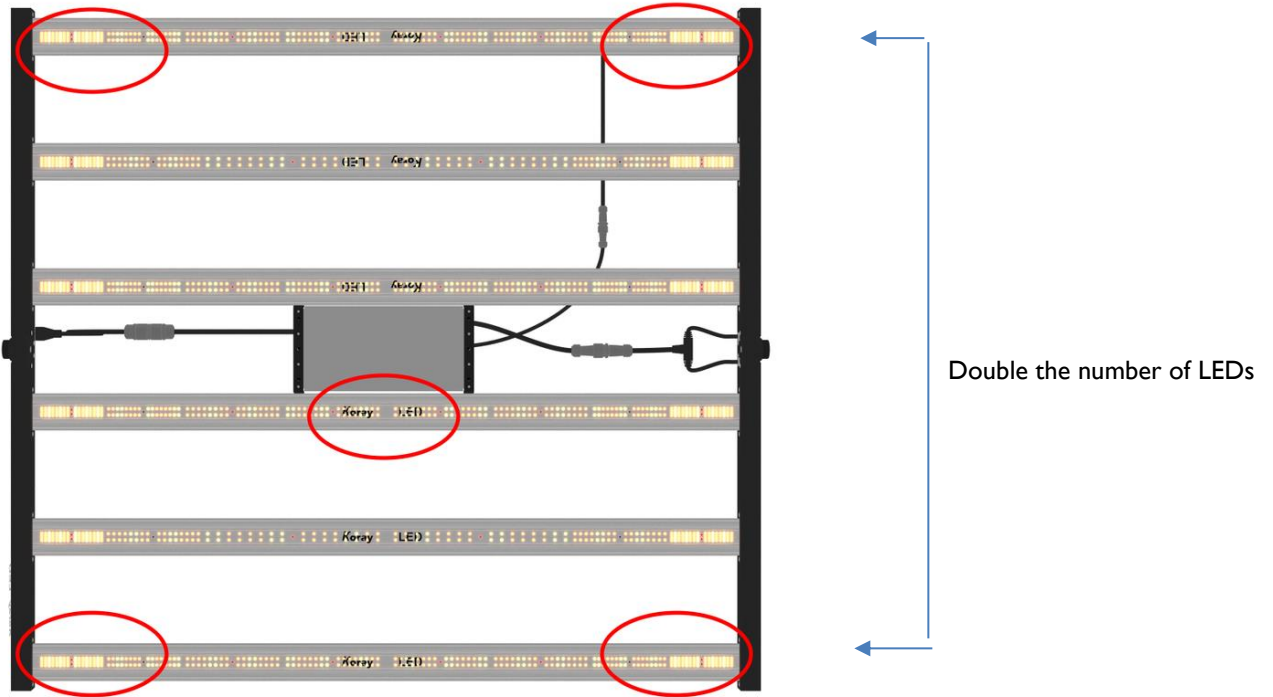
Operating temperature:-30°C~40°C,Lifespan:50,000 hours (Note:Ta 25°C)
Tolerance range for optical and electrical data:±10%.
PPFD is tested in the 5ft*5ft grow tent, the data is the 81 points test average

The above data is for reference only!

Dimension:

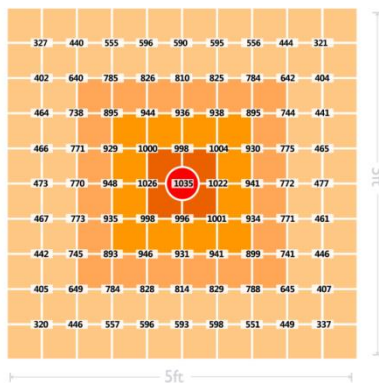
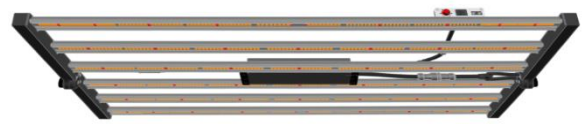
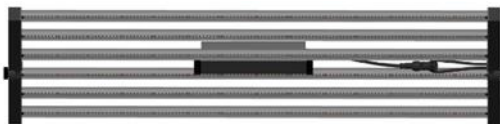


- High uniformity series, the light is more uniform, the plant growth is even, reducing burns, and taking care of each of your plants

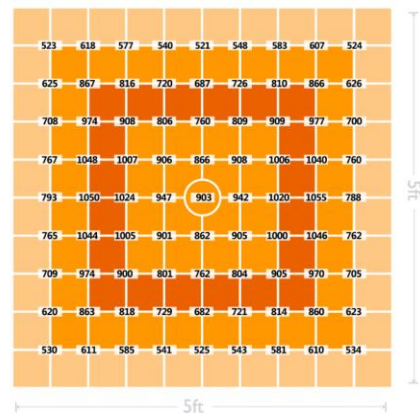


four corners are arranged in high density to improve the uniformity of light.

- The light uniformity is increased by 61% average PPFD is increased by 11%, compared with the previous generation (tested in a 5ft*5ft(1.5x1.5m) grow tent, with a suspension height of 12”(0.31m)

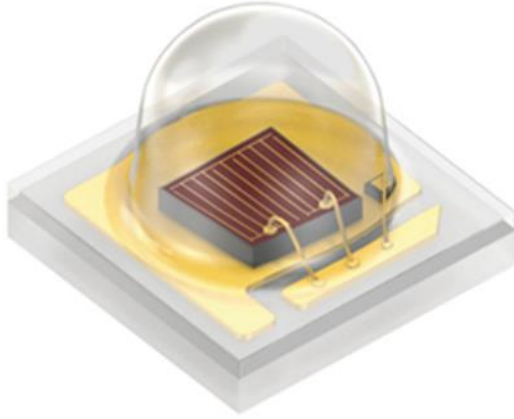


5ft*5ft grow tent, height 12"
 Previous generation product
 Avg PPFD: 707 $\mu\text{mol}/\text{m}^2/\text{s}$;
 Uniformity U1: 31%



5ft*5ft grow tent, height 12"
 U series,
 Avg PPFD: 787 $\mu\text{mol}/\text{m}^2/\text{s}$;
 Uniformity U1: 50%

- Using Samsung LED, OSRAM deep red 660 nm and IR 730nm far red LED, efficiency up to 2.7 μ mol/J



OSRAM LED

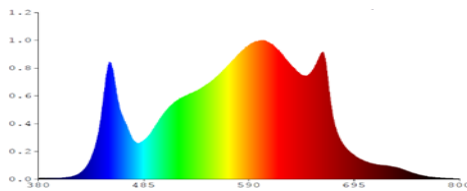


Samsung LED

Koray is applied with authorized Samsung LED and Osram LED

Make sure you purchase authentic SASUNG Osram LED, Don't be fooled by fake listing and data

- Full spectrum, rapid and effective plant growth



F91



Warm white LED 3000K color temperature
Promote plant flowering, make flowers bigger and better quality.



Blue light LED 5000K color temperature
Promote the germination and increase the growth rate of plants

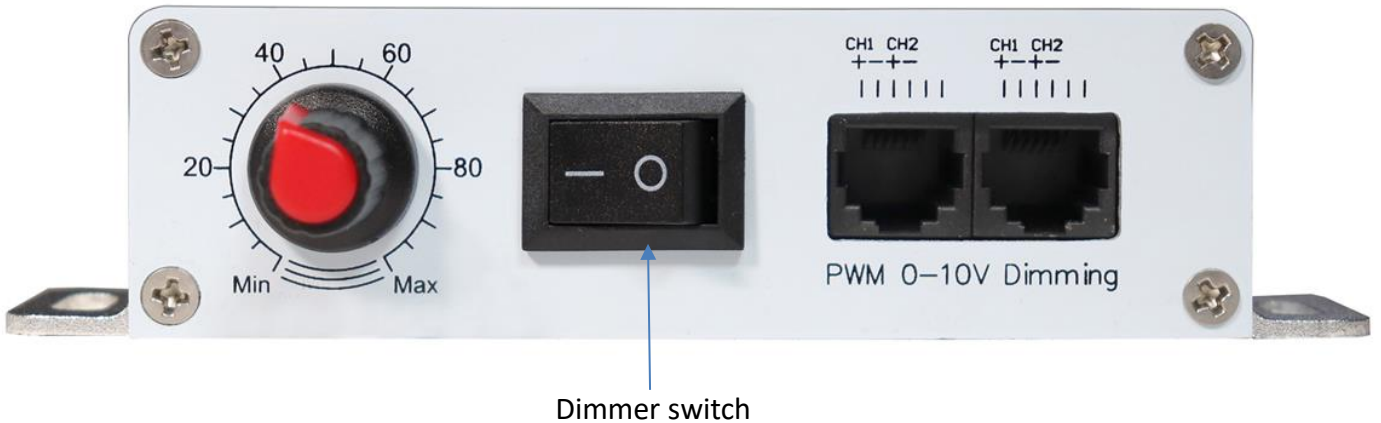


Deep Red Light 660nm
Yields more leaves and crops when combined with blue light



IR 730nm should actually be called far red light (760nm LEDs on the market, It's actually 730nm LED)
The evidence is shown in the spectrogram
Speed up the Phytochrome conversion, allowing plants to produce a greater yield. IR is dimmer than other red lights, IR light is especially useful during bloom

- Multi-Lights Connection Dimming,



Dimmer switch:

Press I for local dimming, local control ON, OFF

Press O to accept external signal control, that is to use as a sub-light

Free DM25 Dimming, Not waterproof

- Compatible with Horti Guru APP control system



Horti Guru APP control system requires additional purchase
For more information, please contact Koray