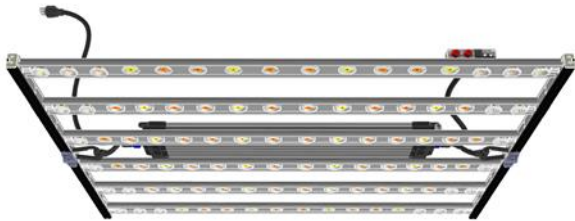


**Description:** RX-G80 High uniformity series Folding LED Grow Light, care for every plant, for Indoor Veg and Flower Growing Light, Samsung LED and OSRAM hyper red 660nm IR 730nm. Independent far-red light channel, providing far-red light with 50W power; More suitable for flowering scion, koray LED grow light which can obviously improve the quality and harvest. suitable for basement planting, plant tent planting, experimental planting and greenhouse planting.



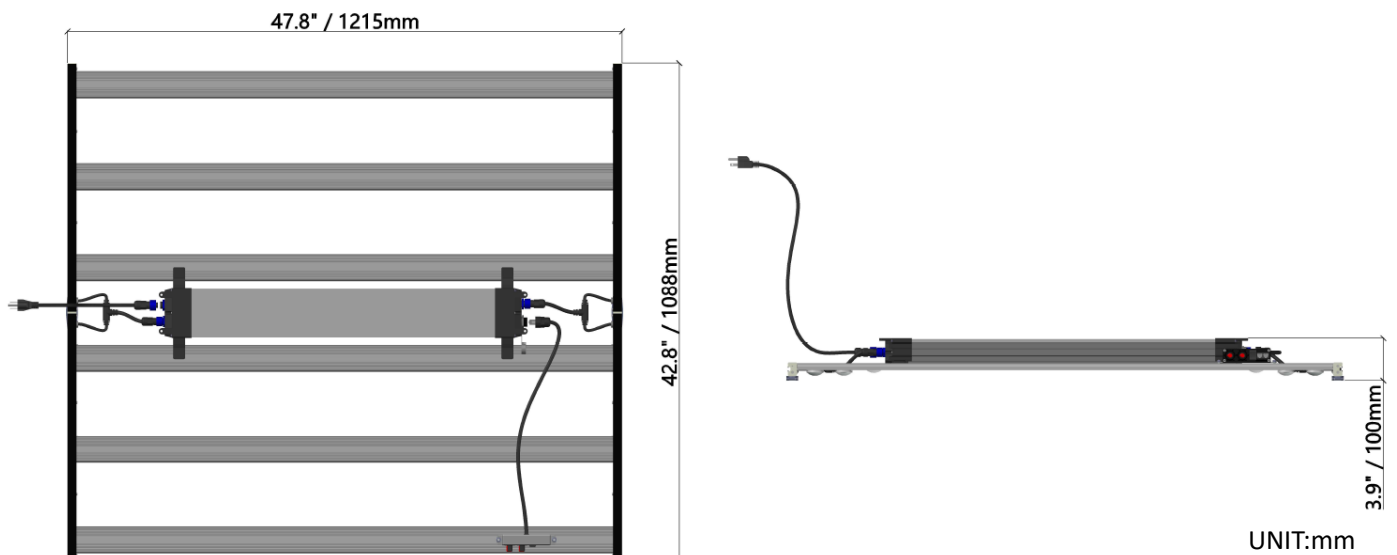
1. High uniformity light, care for each of your plants, Compared to the previous generation product, The average PPF increases by 14%, Increase uniformity by 35%
2. Tunable spectrum Dual-channel plant light provides 50W far-red light separately, F99 spectrum, More suitable for flowering scion
3. Planting area: Flowering footprint 5 x 5 ft
4. Samsung LED and hyper red 660nm IR 730nm LEDs efficiency up to 2.7 $\mu$ mol/J(CH1)
5. Multi-Lights Connection Dimming, compatible with Horti Guru plant light control system
6. Input Power: 700W/CH1+CH2 AC120-277V 50/60HZ
7. Lifespan 50,000 hours, Warranty: 3 years
8. CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPF $\mu$ mol/m <sup>2</sup> /s	Luminous flux PPF	Power Test Input	Comment
RX-G80	1215x1088x100mm 47.8" * 42.8" * 3.9"	CH1 WR	1005 $\mu$ mol @16"(0.41m)	1750 $\mu$ mol/s	650W	2.7 $\mu$ mol/J Vegetative growth
		CH2 FR	8 $\mu$ mol @16"(0.41m)	16 $\mu$ mol/s	50W	Flowering period starts
		F99	1013 $\mu$ mol @16"(0.41m)	1765 $\mu$ mol/s	700W	Flowering scion

Working temperature: - 20°C ~ 40°C ,Lifespan: 50,000 hours (Note:Ta 25 °C)  
Tolerance range for optical and electrical data:  $\pm$ 10 %.  
PPFD data test: 5ft \* 5ft tent

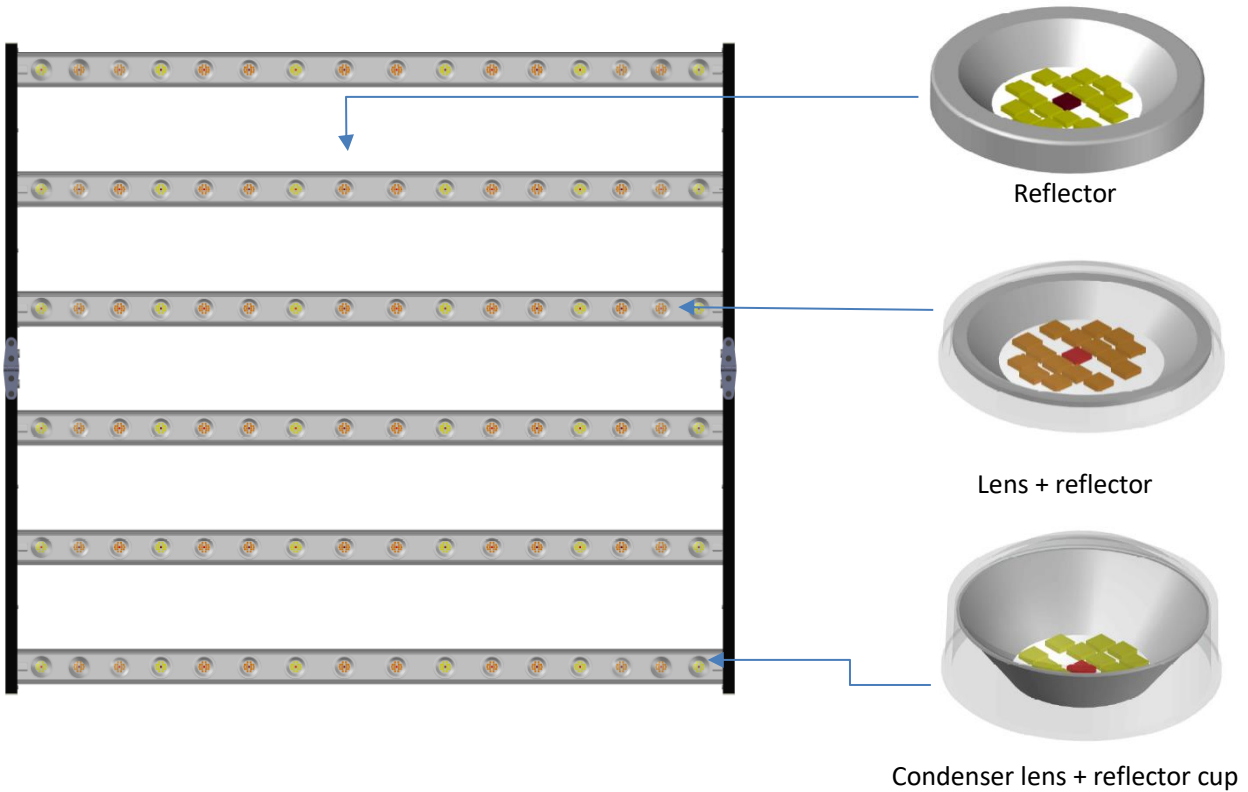
The above data is for reference only!

Dimension:



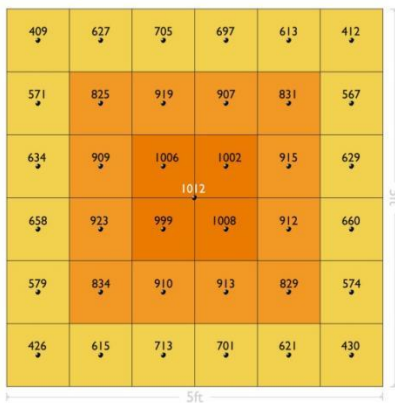
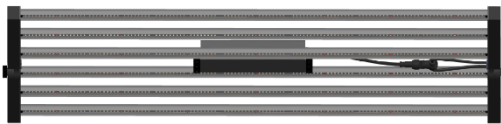
UNIT:mm

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



- The light uniformity is increased by 25% average PPFD is increased by 10%, compared with the previous generation (tested in a 5ft\*5ft(1.5x1.5m) grow tent, with a suspension height of 16”(0.41m)

Improve light uniformity, each plant grows faster and healthier, no hot spots, no burns to plants



5ft\*5ft (1.5x1.5m) plant tent test, height 0.41m

Previous generation product

Four corners Low PPFD, Not conducive to plant growth

Avg PPFD: 743 $\mu$ mol/m<sup>2</sup>/s;

Uniformity U1: 40%

5ft\*5ft (1.5x1.5m) plant tent test, height 0.41m

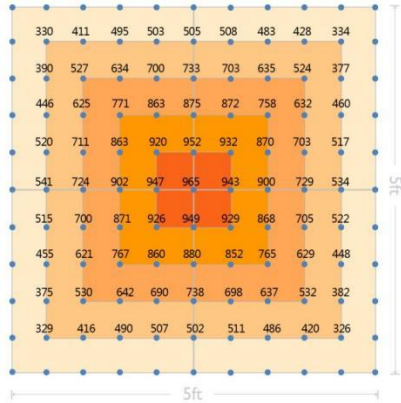
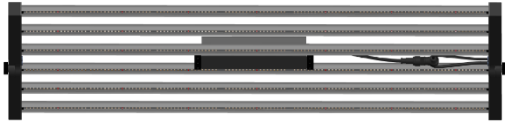
High light uniformity series,

Improve light uniformity, plant growth faster and healthier

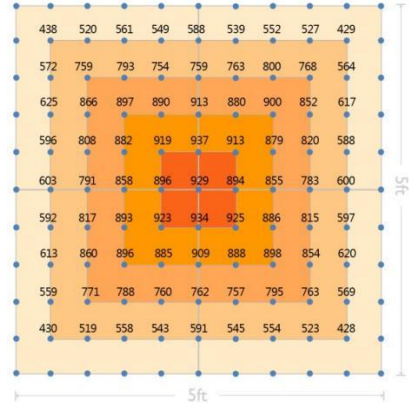
Avg PPFD: 792 $\mu$ mol/m<sup>2</sup>/s

Uniformity U1: 50%

- The light uniformity is increased by 35%, and the average PPF is increased by 14%, compared with the previous generation, 5ft\*5ft(1.5x1.5m) darkroom non-reflective PPF test, the suspension height is 16"(0.41m)

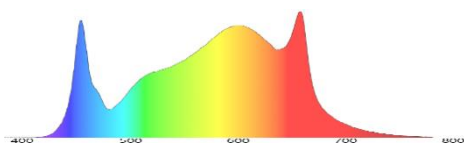


5ft\*5ft (1.5x1.5m) non-reflective test, height 0.41m  
 Previous generation product  
 Four corners Low PPF, Not conducive to plant growth  
 Avg PPF: 644 $\mu$ mol/m<sup>2</sup>/s;  
 Uniformity U1: 34%



5ft\*5ft (1.5x1.5m) non-reflective test, height 0.41m  
 High light uniformity U series,  
 Improve light uniformity, plant growth faster and healthier  
 Avg PPF: 731 $\mu$ mol/m<sup>2</sup>/s;  
 Uniformity U1:46%

- F99 light recipe, more 660nm red light, Independent far red light channel, more suitable for flowering and scion.**



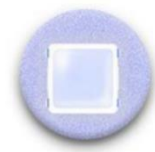
CH1 WR



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



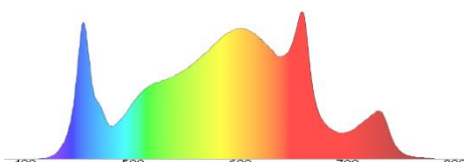
CH2 FR730nm



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

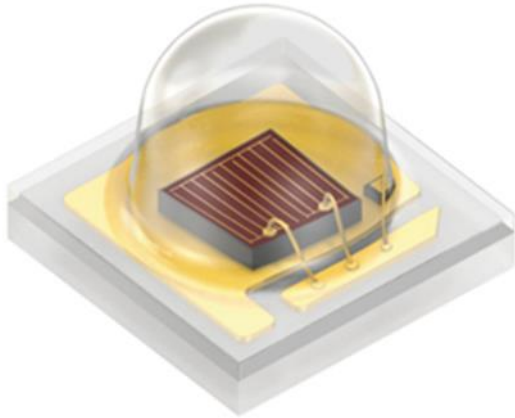


CH1+CH2 F99



IR 730nm should actually be called far redlight (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

- Using Samsung LED, OSRAM deep red 660 nm and IR 730nm far red LED, efficiency up to 2.7 $\mu$ mol/J(CH I)



OSRAM LED

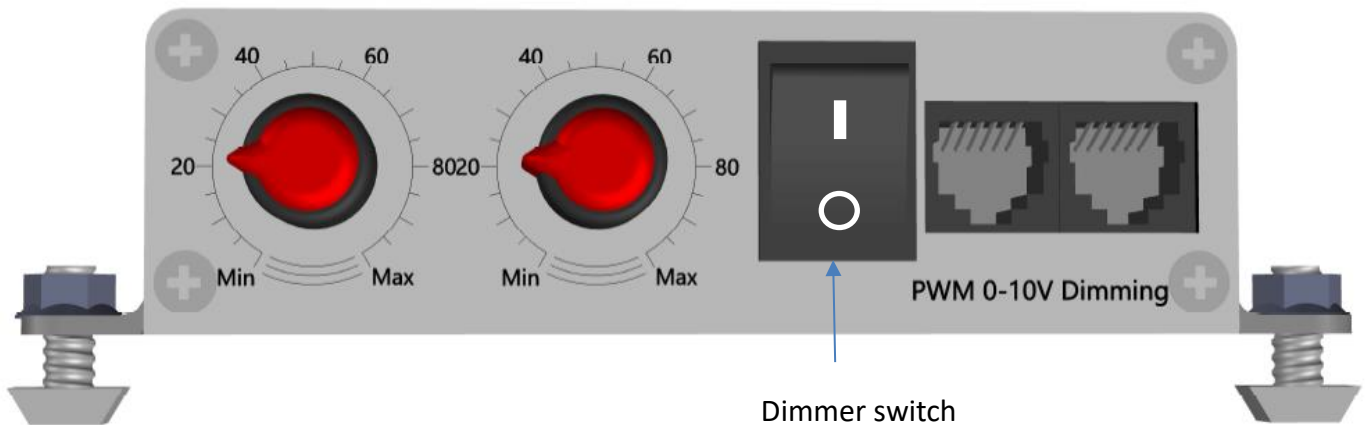


Samsung LED

Koray is applied with authorized Samsung LED and Osram LED

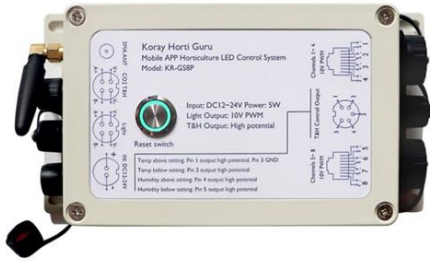
Make sure you purchase authentic Samsung and Osram LED, Don't be fooled by fake listing and data

- Multi-Lights Connection Dimming,



To use as a sub-lamp, please press the O terminal of the dimmer switch; for this lamp to dim, please press the I terminal of the dimmer switch.

- compatible with Horti Guru plant light control system



RX-GS8P Horti Guru APP Control System



Horti Guru APP

Note: Horti Guru APP control system requires additional purchase, please contact Koray for details