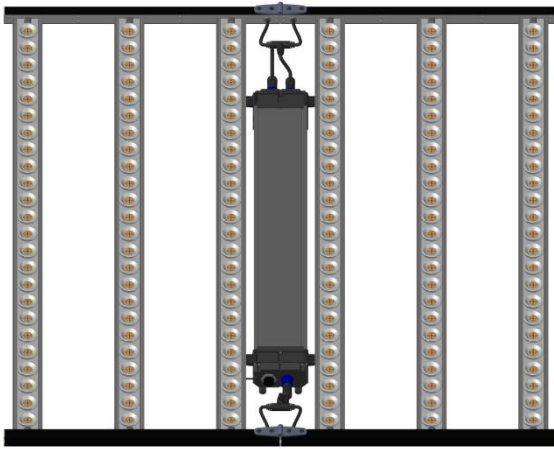


Description: RX-G80-2H Dual-channel plant grow array lights, Designed for medicinal plant growth, CHA vegetative growth, CHA and CHB for Flowering and maturity, The channel A PPF is up to 500 $\mu\text{mol}/\text{m}^2/\text{s}$, suitable for vegetative growth of medicinal plants, the light efficiency is up to 2.7 $\mu\text{mol}/\text{J}$, and the channel B is specially set with far red lamp beads for inducing flowering. The two channels are simultaneously opened, and the PPF can be provided up to 1200 $\mu\text{mol}/\text{m}^2/\text{s}$ rapid growth of medical plants



1. Plant grow LED Lights for vegetative growth and flowering of medicinal plants
2. Unique lens structure - high efficiency concentrating, uniform spectral radiation, directional illumination, higher light utilization, PPF increased by 10~30%,
3. Samsung LM301H and Osram Horticultural LED
4. Channel A, 5000K for Early stage Vegetative growth
5. Channel B, additional dark red 660nm, dedicated to flowering maturity
6. Waterproof design, waterproof rating IP65
7. Input voltage: 100-305V, Rated Power: 630W
8. CE RoHS FCC

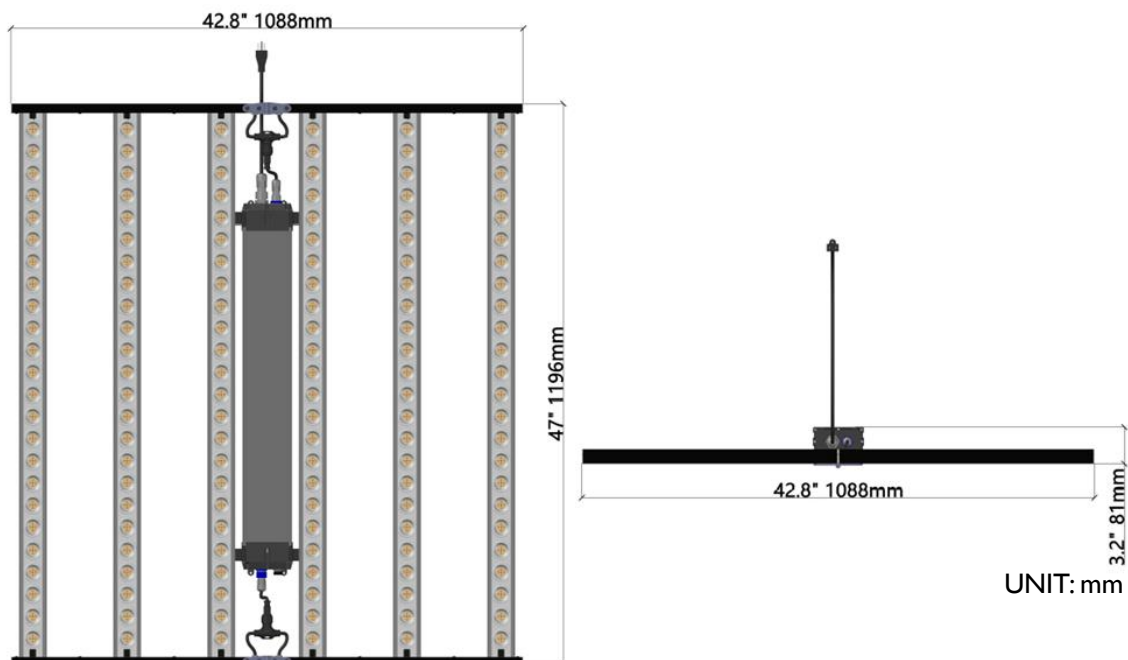
Model	Dimension LxWxH	Spectral Wavelength	Photon PPF $\mu\text{mol}/\text{m}^2/\text{s}$	Luminous flux Radiation Power	Test Power Input	Comment
RX-G80-2H	1196x1088x108mm 47"x43"x 4"	CHA	545 μmol @0.2m 39569Lx	Flux 56000Lm	300W	2.8 $\mu\text{mol}/\text{J}$ vegetative stage
		5000K	384 μmol @0.5m 27924Lx	PPF: 830 $\mu\text{mol}/\text{s}$		
	1196x1088x108mm 47"x43"x 4"	CHB	649 μmol @0.2m 40305Lx	Flux 60000Lm	330W	2.8 $\mu\text{mol}/\text{J}$ flowering
		3000K 660nm 730nm	468 μmol @0.5m 28508Lx	PPF: 920 $\mu\text{mol}/\text{s}$		
	1196x1088x108mm 47"x43"x 4"	CHA CHB	1207 μmol @0.2m 80548Lx	Flux 116000Lm	630W	2.8 $\mu\text{mol}/\text{J}$ flowering stage
			850 μmol @0.5m 56229Lx	PPF: 1750 $\mu\text{mol}/\text{s}$		

Surface temperature rise Tc 25°K, Operating temperature:-30°C~40°C,Lifespan: 50,000 hours (Note: Ta 25°C)

Tolerance range for optical and electrical data: $\pm 10\%$. Beam angle 90°, Recommended irradiation distance:0.15~0.3m, illumination area 1.2x1.2m.

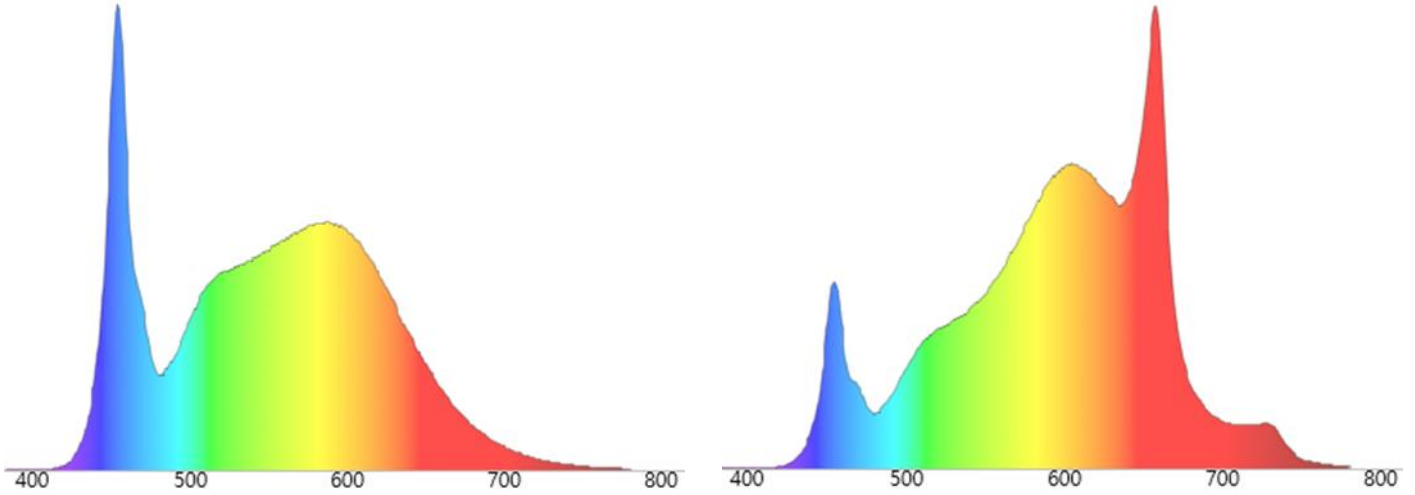
The above data is for reference only!

Dimension:



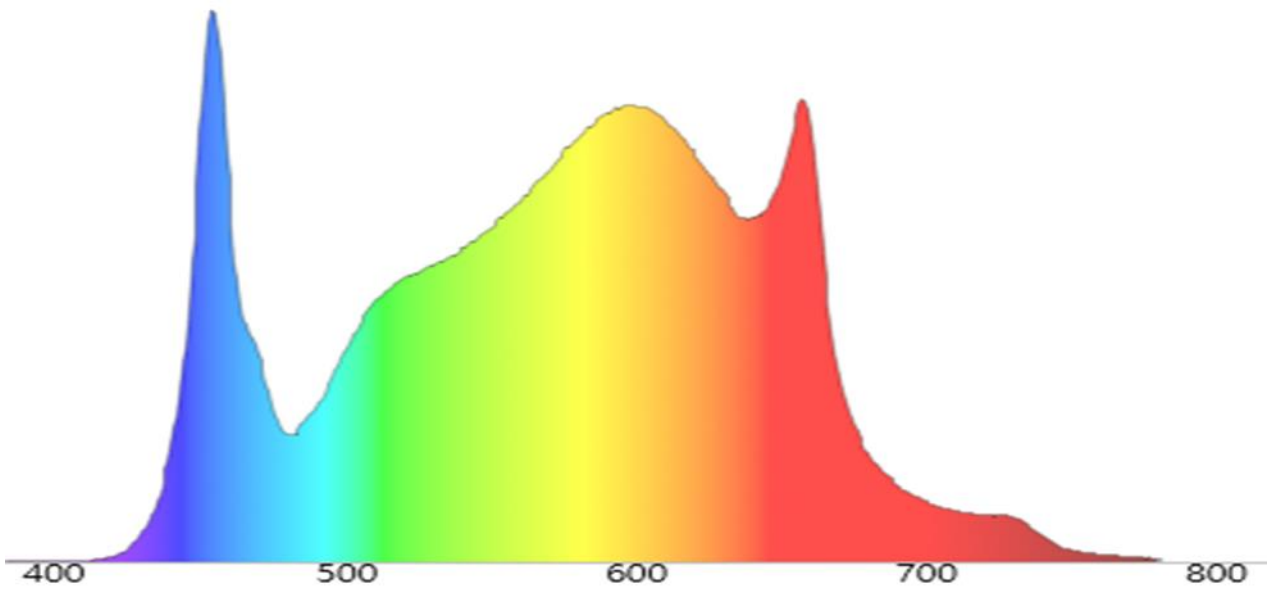
UNIT: mm

- Design for balancing plant growth, horticultural full spectrum plant lamp module



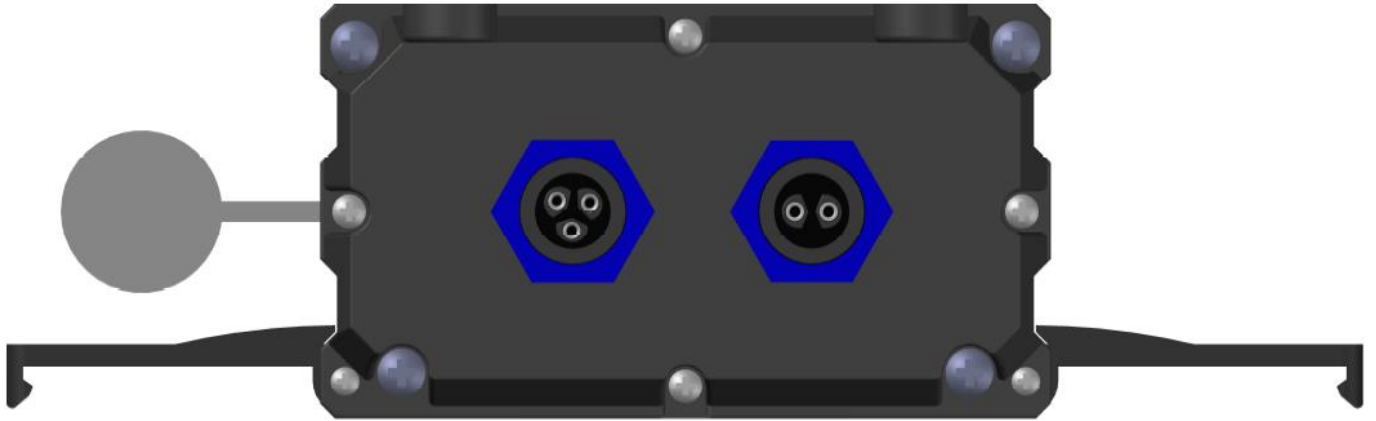
RX-G80-2H-CHI Ra88 vegetative stage

RX-G80-2H-CH2 Ra88 flowering

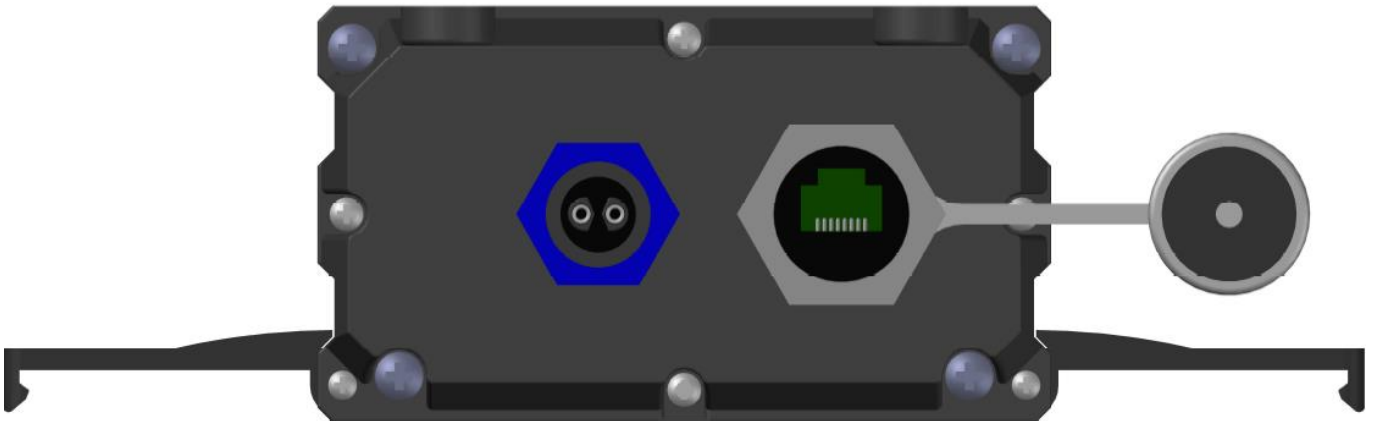


RX-G80-2H flowering stage

Wiring diagram



AC input 120-277V Output CHA: 6A @40-48V
Quick-Lock Waterproof Connector



Output CHB: 6A@50-55V 0-10V or 10V PWM signal

RJ45 socket Dimming connector



CHA Dimming signal input : Pin 1 DIM+, Pin 2 DIM-
CHB Dimming signal input : Pin 3 DIM+, Pin 4 DIM-