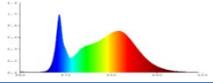
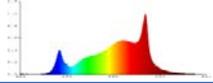
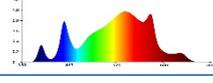


Description: RX-G660 4 Channels Adjustable light recipe Greenhouses Horticulture LED Linear high-bay for commercial horticulture cultivation. Not intended for beginner growers or grows without CO2 supplementation, Four independent spectral channels, compatible with "Horti Guru" plant lamp control system, can adjust the spectrum you need, with high efficiency. Among them, channel 1, more blue photons, suitable for vegetative growth at seedling stage, channel 1 and channel 2, blue photons plus red photons, are suitable for later vegetative growth, with an efficiency of 2.7umol/j, channel 3 Independent UVA channel, increase plant active ingredients, dwarf plants, improve plant morphology, Color and taste, channel 4, IR channel, regulate flowering period and improve harvest.



1. 660W 4 Channels Adjustable light recipe Greenhouses Horticulture LED Linear high-bay, 1 to 1 replacement 1000W HPS
2. Japanese and German brand high-efficiency LEDs, PPF efficiency up to 2.7umol/J(CH1,CH2)
3. The 4 channel CH1: NW; CH2: WW + plant red 660nm, CH3 UVA 395nm CH4: FR 730nm
4. RJ45 network cable dimming socket, compatible with "Horti Guru" intelligent APP control system
5. Input: AC120-277V, PF>0.9, Power: CH1:300W, CH2:300W, CH3:30W, CH4:30W Total: 660W
6. 3 years warranty
7. CE RoHS FCC

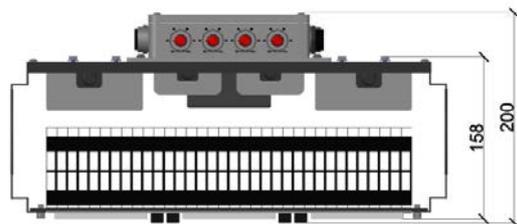
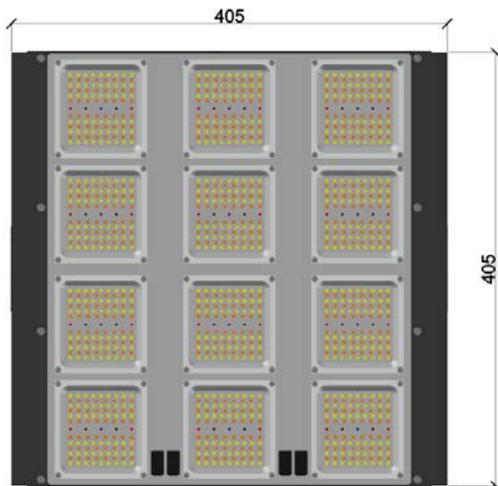
Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD $\mu\text{mol}/\text{m}^2/\text{s}$	Photon PPF	Power Test AC230V	Comment
RX-G660 4H	405x405x200mm 16"x16"x 7.8"	CH1	 55 μmol @ 24"(0.61m)	780 $\mu\text{mol}/\text{s}$	300W	Nursery and seedling growth
			214 μmol @ 39"(1m)			
		CH2	 708 μmol @ 24"(0.6m)	790 $\mu\text{mol}/\text{s}$	300W	flowering
			226 μmol @ 39"(1m)			
		CH3	 14 μmol @ 24"(0.6m)	20 $\mu\text{mol}/\text{s}$	30W	stimulate plant growth
			6 μmol @ 39"(1m)			
		CH4	 6 μmol @ 24"(0.6m)	9 $\mu\text{mol}/\text{s}$	30W	especially useful during bloom
			3 μmol @ 39"(1m)			
		CH1-4 F77	 1397 μmol @ 24"(0.6m)	1610 $\mu\text{mol}/\text{s}$	660W	bloom and harvest
			453 μmol @ 39"(1m)			

Operating temperature: -10°C ~ 35°C , Lifespan: 50,000 hours (Note: Ta 25°C)

Tolerance range for optical and electrical data: $\pm 10\%$.

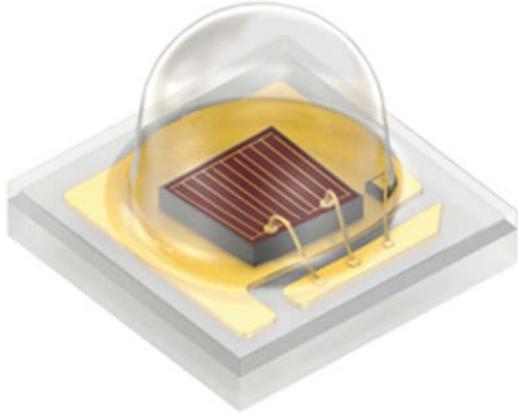
PPFD darkroom no reflection test , The above data is for reference only!

Dimension:



UNIT: mm

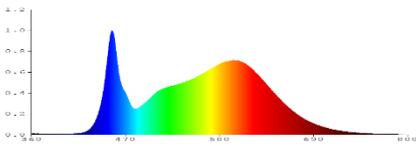
- Four-channel spectrum can be adjusted, ALL ON F77 full spectrum, replaces 600W HPS lamp, Japanese and German brand Horticulture LED



OSR LED



Toyoda Gosei LED

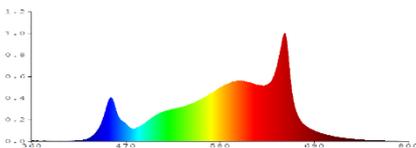


CH1 NW



Neutral white LED

Promote the germination and increase the growth rate of plants



CH2 WR



Warm white LED

Promote plant flowering, make flowers bigger and better quality.



CH3 UVA



Deep Red Light 660nm

Yields more leaves and crops when combined with blue light

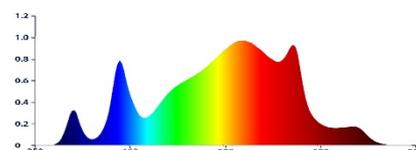


CH4 FR(IR) 730

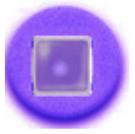


IR 730nm should actually be called far red light (760nm LEDs on the market, It's actually 730nm LED)

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



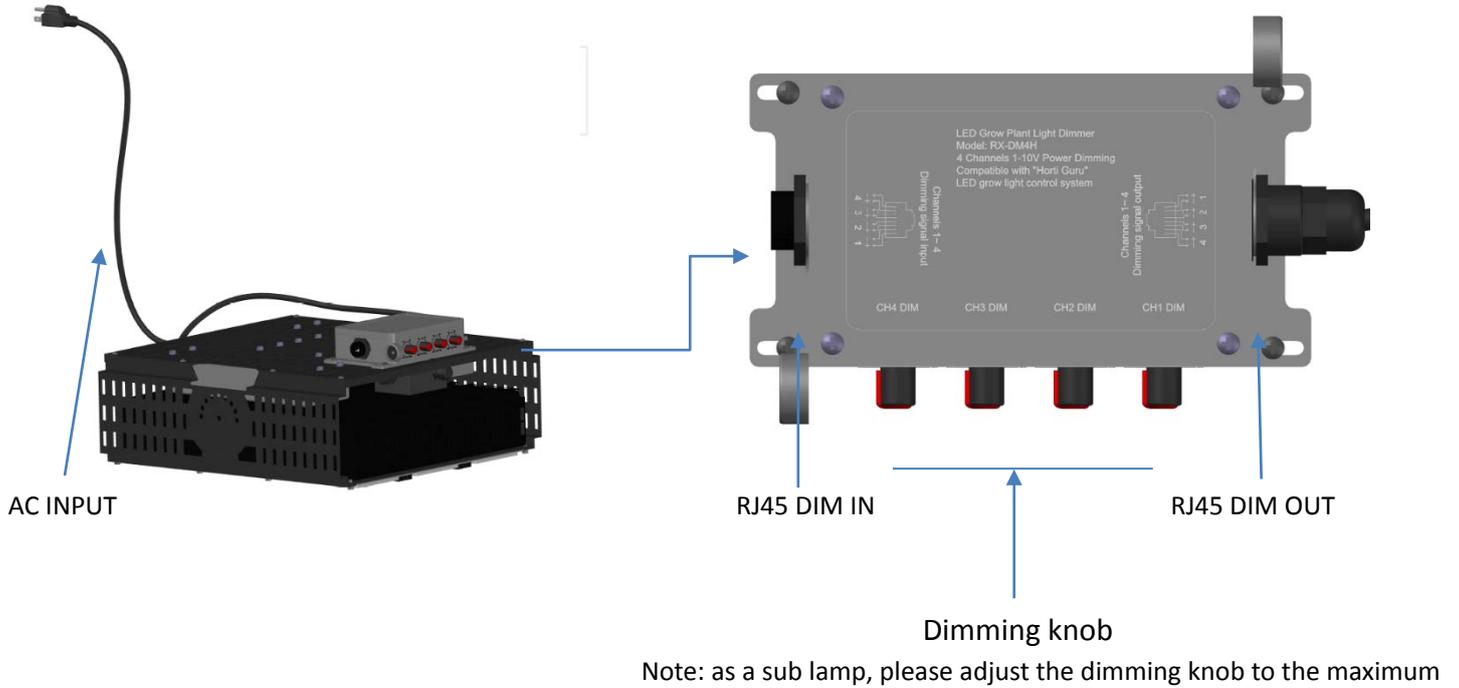
CH1-4 F77



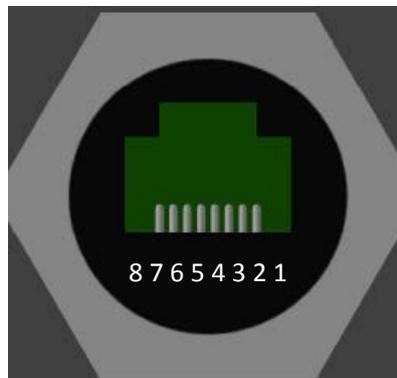
UVA 395nm, stimulate plant growth, increase active substances in medicinal plants

improve antioxidant properties of microgreens

- Wiring diagram

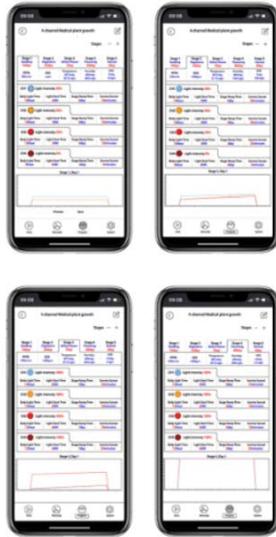


RJ45 socket Dimming connector



CH1 Dimming signal input : Pin 1 DIM+, Pin 2 DIM-
 CH2 Dimming signal input : Pin 3 DIM+, Pin 4 DIM-
 CH3 Dimming signal input : Pin 5 DIM+, Pin 6 DIM-
 CH4 Dimming signal input : Pin 7 DIM+, Pin 8 DIM-
 0-10V or 10V PWM signal

- Compatible with Horti Guru APP control system



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

- Electronic installation instructions

1. When open the package, please check whether the inside is including product, accessory, label, certificate quality. And please assure that the light is perfect without any damage.
2. The wires of LED Light is three-core, the standard size of the wire is 3*1mm² or 3*1.5mm² and the outer diameter is Φ7~12mm, brown wire is live line, blue wire is null line, yellow & green is ground line.
3. LED Light will work when the voltage up to rated voltage, so please be sure the voltage within the requested range, or it will damage the light which can't be repaired.
4. when the electrical continuity is connected, the lead wire should be in electric insulating The way of connect wire:

Attention

1. In order to make sure the light can work safety and stability, the ground line should be connected the earth.
2. When connecting the wires please turn off the power, and check whether the wires are connected correctly. Never connect the wires in opposite way, or the power should not be turned on.
3. Please keeping the trip bolt being fastening and reliable, in case of the light fall down of looseness.
4. When finishing connect the wires, please use the insulation gummed tape to convolve the wires, confirm the insulation and solve the waterproof problem.