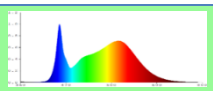
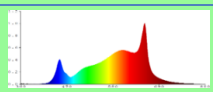
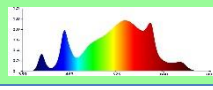
4 Channels Greenhouses Horticulture LED Toplighting LED Grow light Linear highbay

MODEL: RX-G660 4H series www.koraylight.com www.xinelam.com

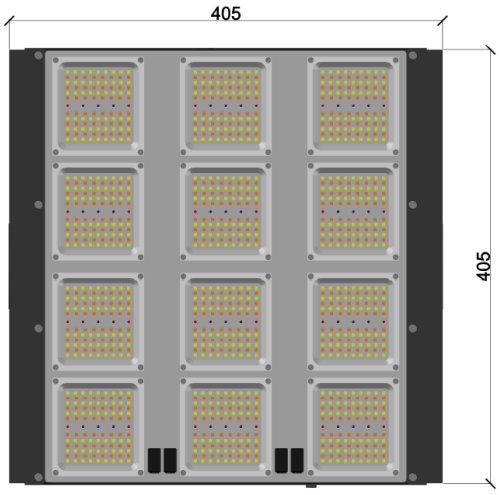
Description: RX-G660 4 Channels Adjustable light recipe Greenhouses Horticulture LED Linear high-bay for commercial horticulture cultivation. Not intended for beginner growers or grows without CO2 supplementation, Four independent spectral channels, compatible with "Horti Guru" plant lamp control system, 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 2.6umol/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.

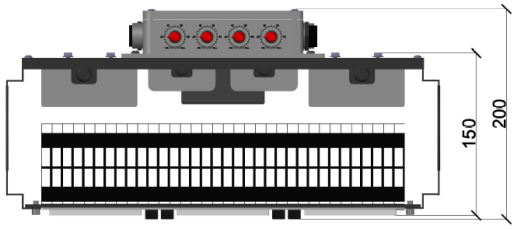
1. 660W 4 Channels Adjustable light recipe Greenhouses Horticulture LED Linear high-bay, 1 to 1 replacement 1000W HPS
2. Japanese and German brand high-efficiency LEDs, PPF efficiency 2.6umol/J(CH1,CH2)
3. The 4 channel CH1: NW; CH2: WW + plant red 660nm, CH3 UVA 395nm CH4: FR 730nm
4. RJ45 network cable 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 μmol/m²/s	Photon PPF	Power Test AC230V	Comment
RX-G660 4H	405x405x200mm 16"x16"x 7.8"	CH1		551umol @ 24"(0.61m) 214umol @ 39"(1m)	780umol/s	300W	Nursery and seedling growth
		CH2		708umol @ 24"(0.6m) 226umol @ 39"(1m)	790umol/s	300W	flowering
		CH3		14umol @ 24"(0.6m) 6umol @ 39"(1m)	20umol/s	30W	stimulate plant growth
		CH4		6umol @ 24"(0.6m) 3umol @ 39"(1m)	9umol/s	30W	especially useful during bloom
		CH1-4 F77		1397umol @ 24"(0.6m) 453umol @ 39"(1m)	1610umol/s	660W	bloom and harvest
Operating temperature: -10°C ~ 35°C , Lifespan: 50,000 hours (Note:Ta 25°C) Tolerance range for optical and electrical data: ±10 %.							

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

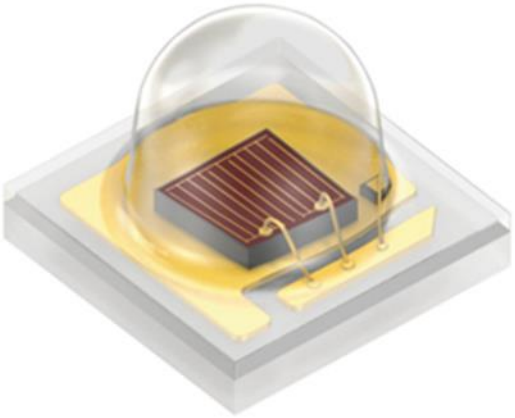
Dimension:





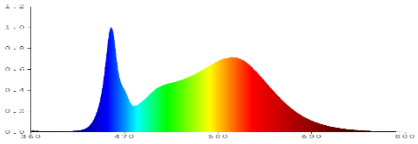
UNIT: mm

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



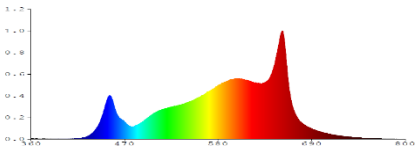
OSRAM LED

Toyoda Gosei LED



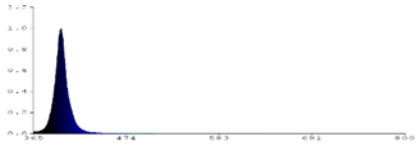
CH1 NW

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.

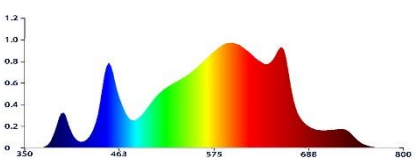


CH3 UVA

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

CH4 FR(IR) 730

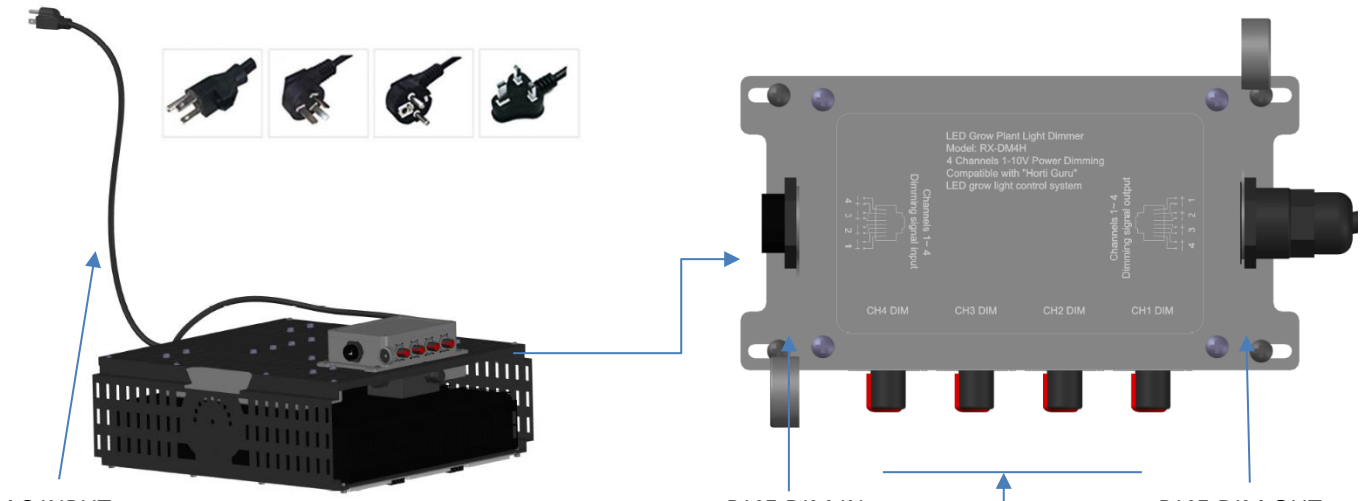
IR 730nm should actually be called far red light（760nm LEDs on the market, It's actually 730nm LED）
The evidence is shown in the spectrogram
Speed up the Phytochrome conversion,allowing plants to produce a greater yield. IR is dimmer than other red lights,IR light is especially useful during bloom



CH1-4 F77

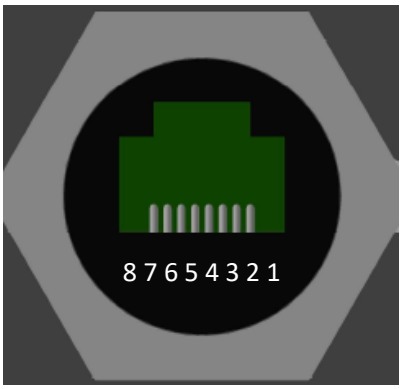
UVA 395nm, stimulate plant growth, increase active substances in medicinal plants
improve antioxidant proper-ties of microgreens

- Wiring diagram



Note: as a sub lamp, please adjust the dimming knob to the maximum
External dimming signal control, please turn the knob to the maximum

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*1mm²or3*1.5mm² and the outer diameter isΦ7~12mm, 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.