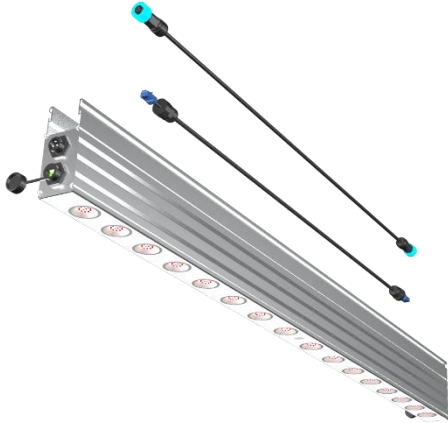**Description:** RX-TP50 Adjustable Spectrum Top Light Grow Light, Channel 1, Deep Blue, used for seedlings and vegetative growth period; Channel 2: Hyper-red light, which can be gradually turned on during the flowering period of crops; for vegetable planting, flower planting, ornamental plant planting, succulent plant planting.
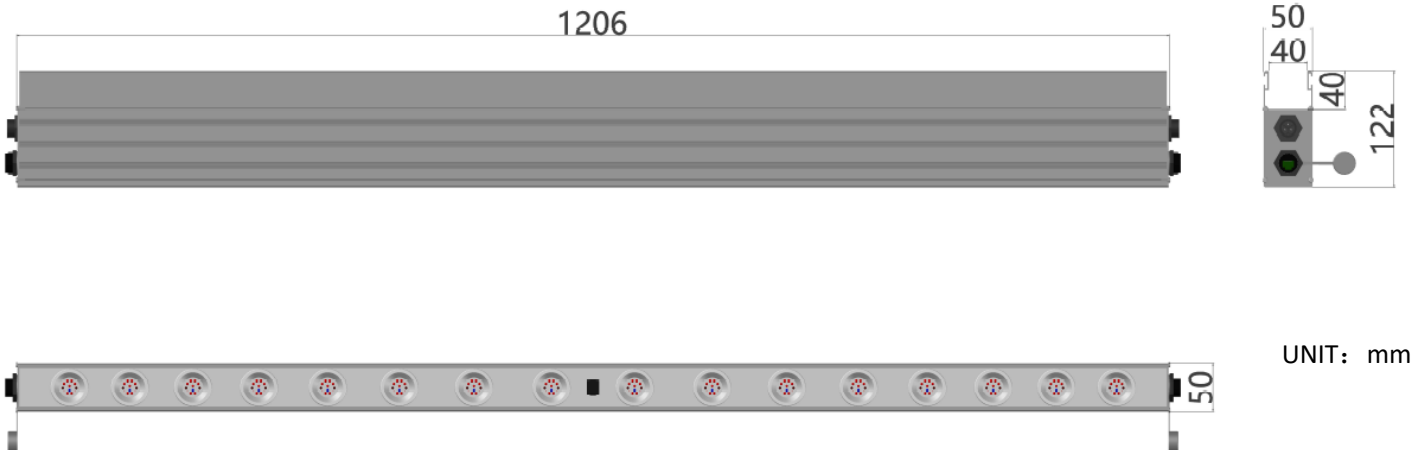
1. Adjustable spectrum plant light, CH1 deep blue light and CH2 Hyper-red light channel, multi-blue light is used in seedlings and vegetative growth period, and Hyper-red light is gradually increased in flowering period to promote flowering, increase flowering and increase yield.

2. LED toplighting solution for greenhouse growers, 40x40mm C-profile for easy installation

3. Osram horticulture LED, lights effect 2.9umol/J, High efficiency and more reliable

4. Meanwell power supply for longer life and reliability

5. Waterproof push-in connector for easy installation，Waterproof IP65

6. Input: AC120 ~277V　　Total Power: 240W

7. Meet the safety requirements around the world, CE RoHS FCC

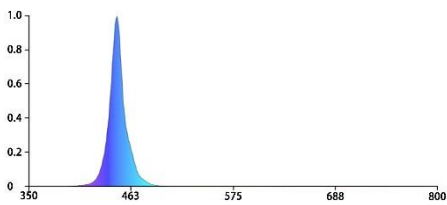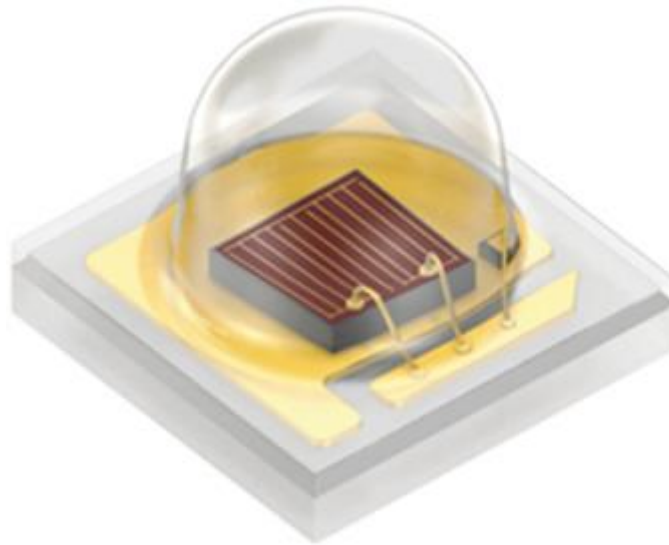| Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD µmol/m²/s	PPF	Power Test Input(AC230V)	Comment
RX-TP50	1206x50x122mm	CH1 450nm	70µmol @1m	150umol/s	60W	Vegetative and seedling growth
			35µmol @1.5m			
			20µmol @2m			
		CH2 660nm	250µmol @1m	550umol/s	180W	Hyper red light promote flowering
			130µmol @1.5m			
			80µmol @2m			
		F140A	320umol @1m	700umol/s	240W	bloom and harvest Scion fruit setting
			150µmol @1.5m			
			100µmol @2m			
Operating temperature: -10°C ~ 35°C , Lifespan: 50,000 hours (Note: Ta 25°C)						
Tolerance range for optical and electrical data: ±10 %.						

PPFD data darkroom no reflection test – One grow light, The above data is for reference only!
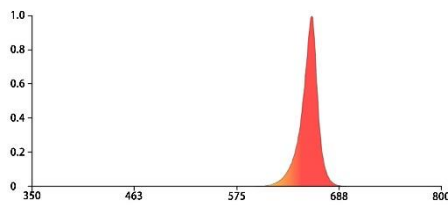
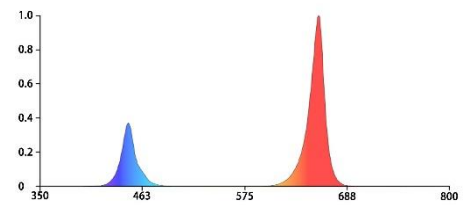## Dimension:

1206

50
40
40
122

UNIT：mm

50

Dual-channel tunable spectrum, extra far-red (IR) light for crop flowering period, all use OSRAM horticultural LEDs, high efficiency and high reliability, CH1 PPE: 2.9umol/J
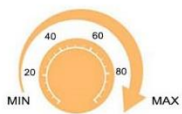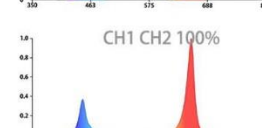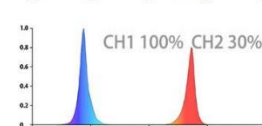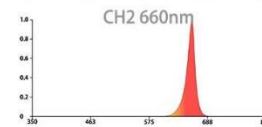

CH1 Deep Red
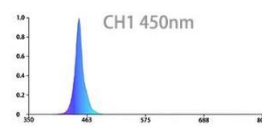seedling vegetative growth
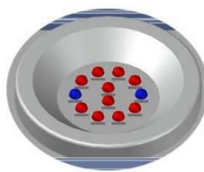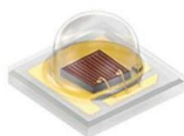

CH2   Hyper-red 660nm
promote flowering

CH1+CH2 =F140A
Scion fruit setting period

Top-light greenhouse seedlings and leafy vegetable growing plant lights, 40x40mm C-slot, easy to install.

TP50 OS Adjustable SpectrumToplighting Greenhouses Horticulture LED Grow light

Dimming

Osram LED

Mean Well Power

Tunable Spectrum

CH1 450nm

CH2 660nm

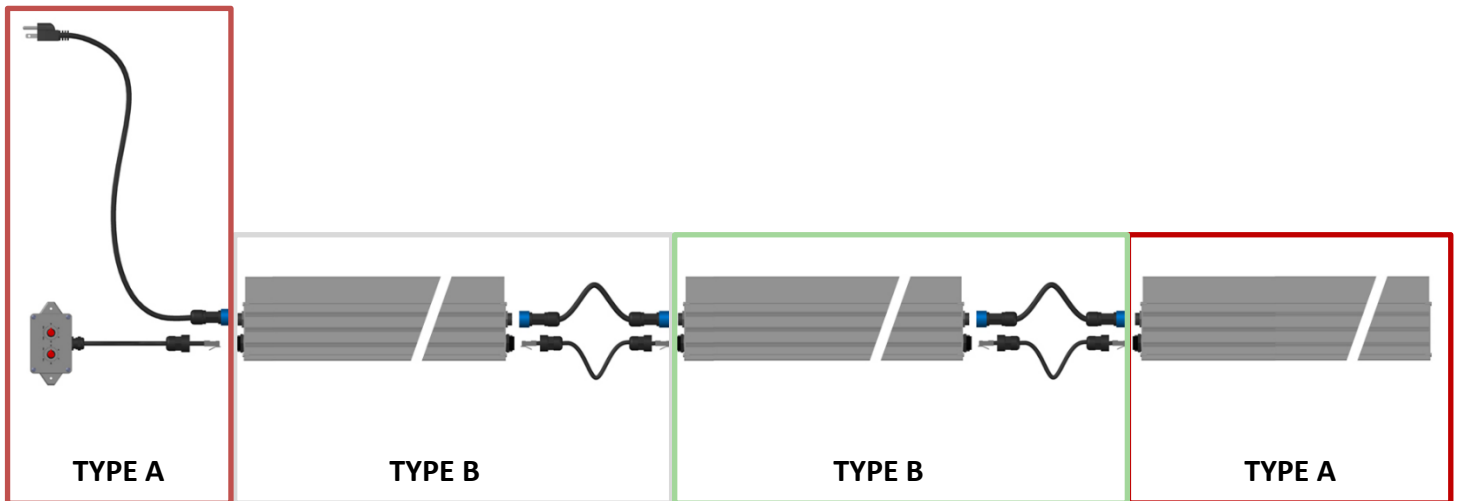CH1 100% CH2 30%

CH1 CH2 100%

Type identification

TYPE-A one input, AC plug, test dimmer

TYPE-B Input and output sockets, 2 extension cords

Waterproof quick plug connector, plug and play, the maximum connection quantity is 6pcs/input AC120V, 10pcs/input AC230V

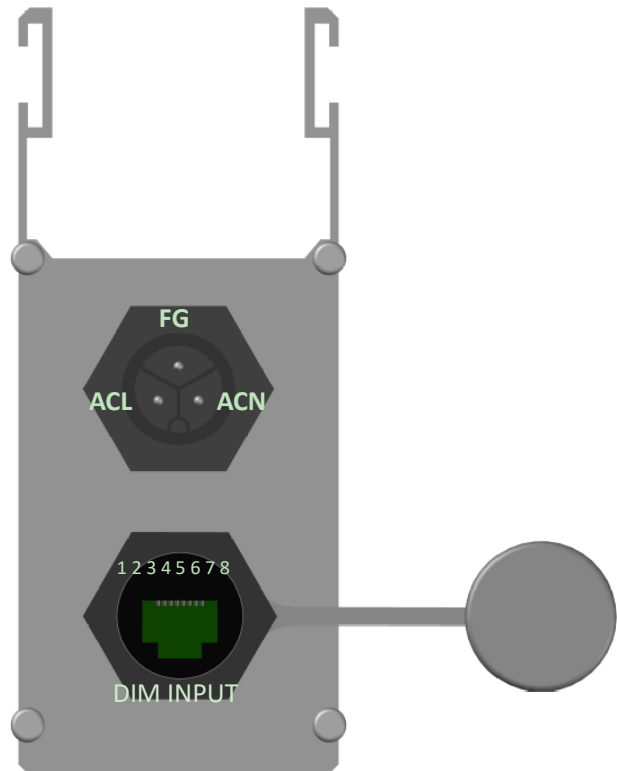| TYPE A | TYPE B | TYPE B | TYPE A |

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：

RJ45 socket Dimming connector

8 7 6 5 4 3 2 1

CH1 Dimming signal input : Pin 1 DIM+, Pin 2 DIM-
CH2 Dimming signal input : Pin 3 DIM+, Pin 4 DIM-
            0-10V or 10V PWM signal

FG
ACL   ACN

1 2 3 4 5 6 7 8

DIM INPUT

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.