

## Description:

Toplighting LED Grow Module, New patent design product with unique lens, Different LED chips in one lens, Concentrating Light efficiently and More uniform spectral radiation, directional light, higher light utilization efficiency, more efficient comparing with common grow lights. Silicone Potted waterproof, more reliable. Suitable for various kinds of plant cultivation (dedicated light recipes), Applicable to vegetable cultivation, flower cultivation, ornamental plant cultivation, succulent plant cultivation, medicinal plant cultivation.



1. PPFD up to 1025 $\mu$ mol @0.2m, Hanging installation of greenhouses and basement plant growth lights
2. Built-in dimmable power supply for longer life and reliability
3. 3 mounting slots for bolts for easy expansion and fixation
4. Preferred plant-specific spectra, multiple light-recipe to meet different plant requirements
5. Discard the traditional fan cooling solution (as a result of fan lights affect the life span of life)
6. Waterproof IP65
7. Input: AC 100~277V PF >0.9 Power: 120W
8. Meet the safety requirements around the world, CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD $\mu$ mol/m <sup>2</sup> /s	Luminous flux Radiation Power	Power Input	Comment
RX-TP6350T	1206x63x65mm	V2	1025 $\mu$ mol @0.2m 68214Lx	Flux 18963Lm	130W	2.2 $\mu$ mol/l CRI Ra88 vegetative growth
			378 $\mu$ mol @0.5m 25234Lx	PPF:285 $\mu$ mol/s		
			161 $\mu$ mol @1m 10725Lx	PAR: 60085mW		
RX-TP6350T	1206x63x65mm	6K2R4BI	860 $\mu$ mol @0.2m 25400Lx	Flux 7120Lm	120W	2.0 $\mu$ mol/l Red-blue ratio 4:1
			322 $\mu$ mol @0.5m 9403Lx	PPF:240 $\mu$ mol/s		
			135 $\mu$ mol @1m 4082Lx	PAR: 49348mW		

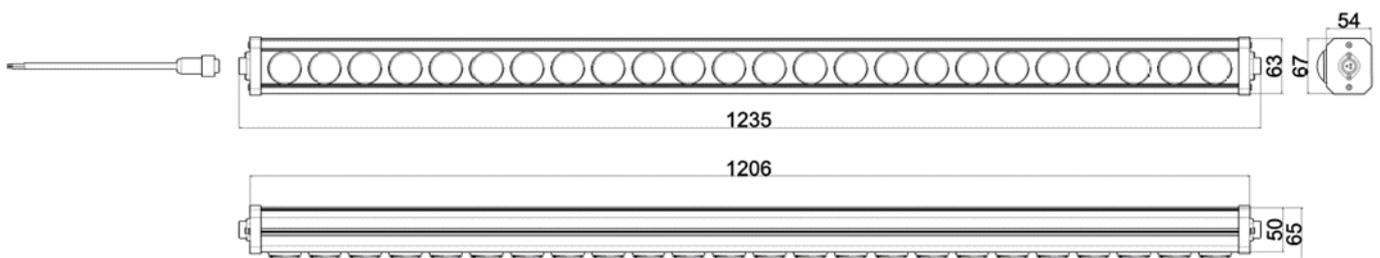
Surface temperature rise Tc 30° K, Operating temperature: -30°C ~ 40°C, Lifespan: 25,000 hours (Note: Ta 25°C)

Tolerance range for optical and electrical data:  $\pm$ 10 %. Light emitting angle: 60°

Recommended irradiation distance 0.3 ~ 1.5m

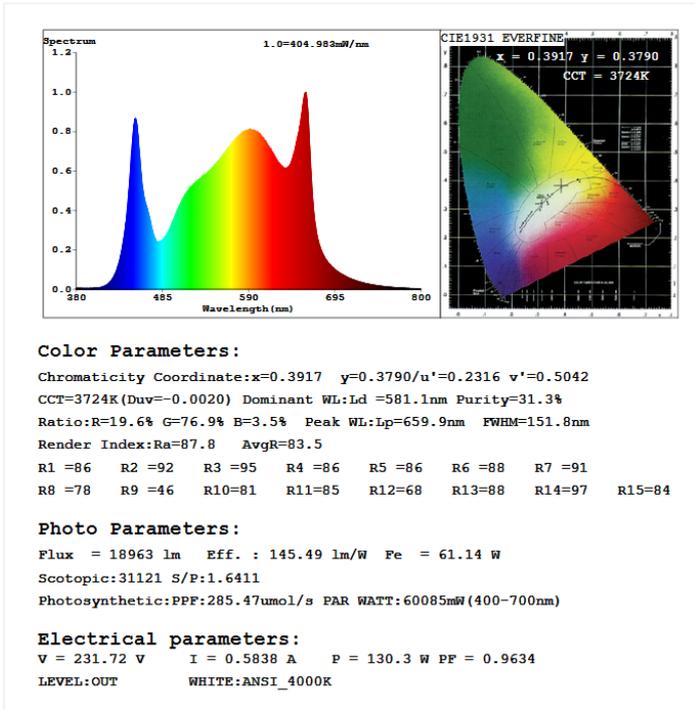
The above data is for reference only!

## Dimension:

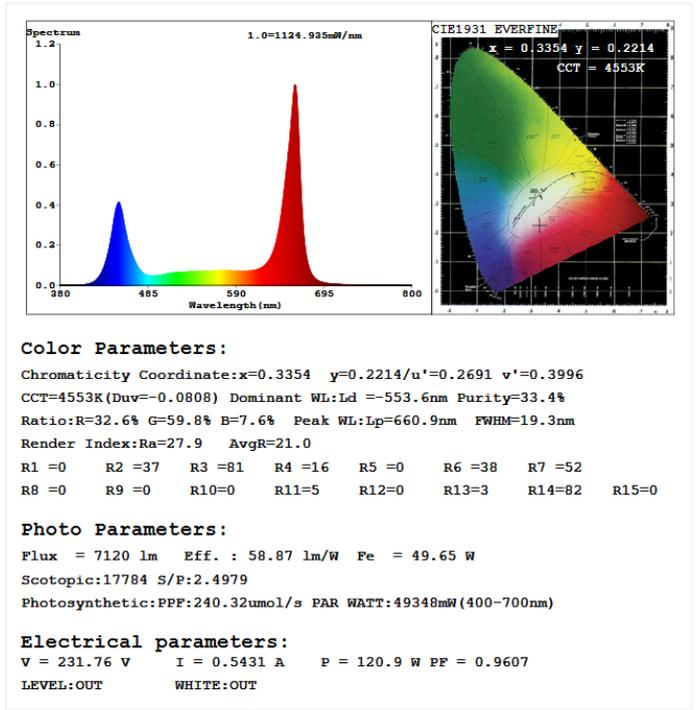


UNIT: mm

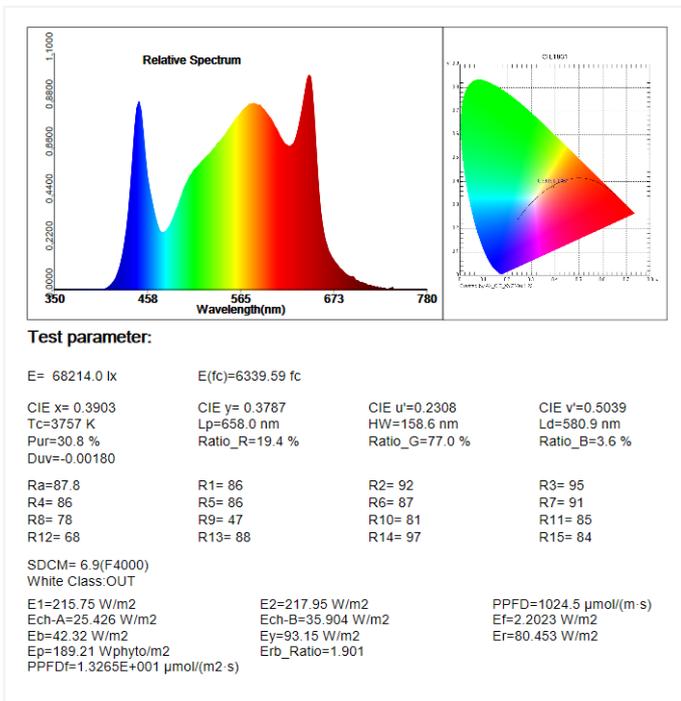
## Testing report



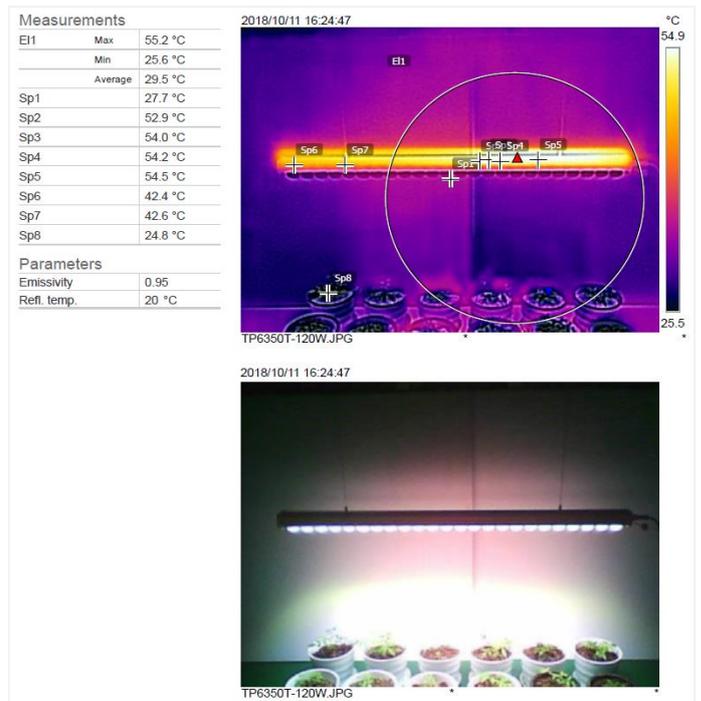
RX-TP6350T-V2 PPF PAR TEST



RX-TP6350T-6K2R4B I PPF PAR TEST



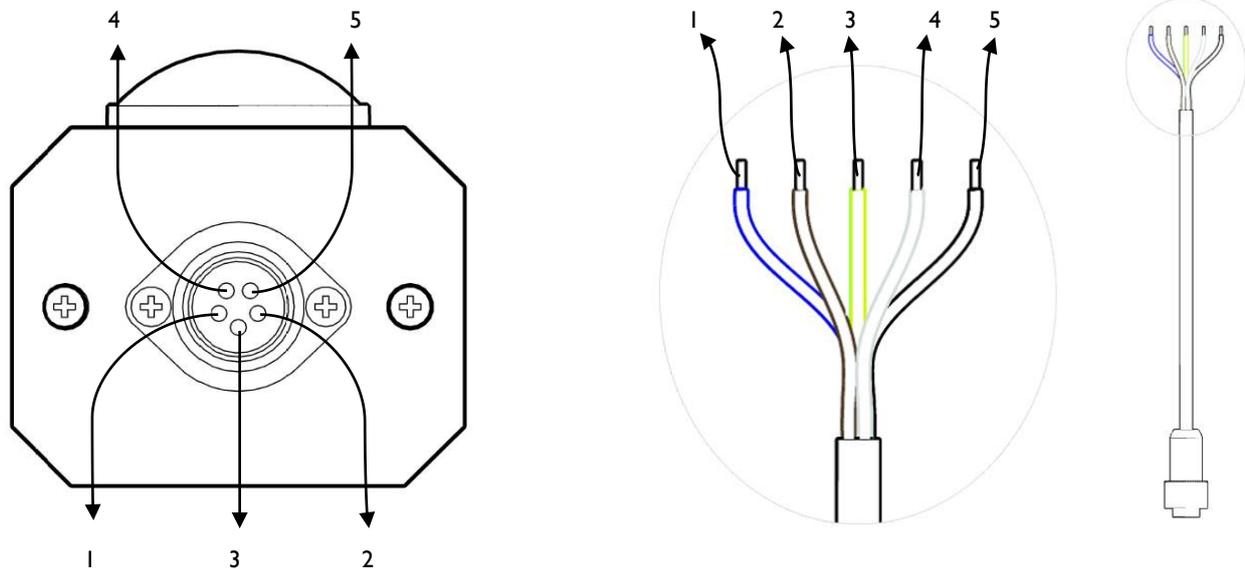
RX-TP6350T-V2 0.2m PPF TEST



Surface temperature TEST

## 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\*1mm<sup>2</sup> or 3\*1.5mm<sup>2</sup> 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:



1. ACN Blue cable
2. ACL Brown cable
3. FG Green/Yellow cable
4. DIM+ Gray cable
5. DIM- Black cable

## 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.