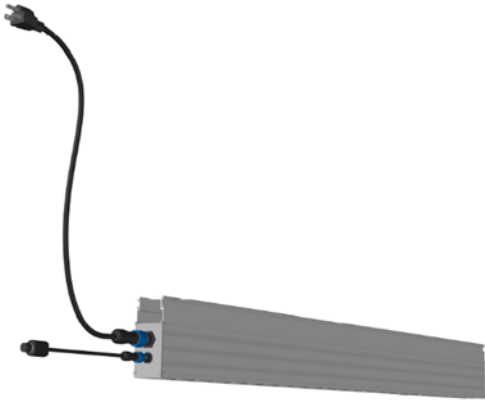
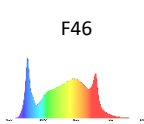
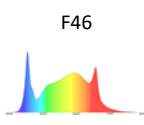


**Description:**

RX-TP50 LM301H Toplighting LED Grow Module, High efficiency 2.7umol/J, Secondary Optical Design, higher light utilization rate, more energy-saving than ordinary grow lights, potting and waterproof, more reliable, F46 full spectrum plant light recipe, suitable for most crops, for vegetable planting, flower planting, ornamental plant planting, succulent plant planting, medicinal plant planting. 13 years of experience in the design and manufacture of plant lights, can customize the spectrum you need



1. LED toplighting solution for greenhouse growers, 40x40mm C-profile for easy installation
2. Samsung LM301H and Osram horticulture LED, lights effect 2.7umol/J, High efficiency and more reliable
3. Meanwell power supply for longer life and reliability, Dimmable plant light
4. Preferred plant-specific spectra, multiple light-recipe to meet different plant requirements. (Customize the spectrum you need)
5. Waterproof push-in connector for easy installation, Waterproof IP65
6. Input: AC120 ~277V Power: 200W
7. Lifespan 50,000 hours, Warranty 3 years
8. Meet the safety requirements around the world, CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD $\mu\text{mol}/\text{m}^2/\text{s}$	Photon PPF	Power Input	Comment
RX-TP50-60D	1206x51x135mm		852 $\mu\text{mol}$ @0.5m	500 $\mu\text{mol}/\text{s}$	200W	60D 2.5 $\mu\text{mol}/\text{J}$
			377 $\mu\text{mol}$ @1m			
			189 $\mu\text{mol}$ @1.5m			
RX-TP50-100D	1206x51x122mm		520 $\mu\text{mol}$ @0.5m	540 $\mu\text{mol}/\text{s}$	200W	100D 2.7 $\mu\text{mol}/\text{J}$
			200 $\mu\text{mol}$ @1m			
			100 $\mu\text{mol}$ @1.5m			

Operating temperature: -10°C ~ 40°C , Lifespan: 50,000 hours (Note: Ta 25°C)

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

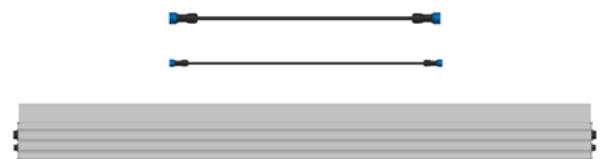
Recommended irradiation distance 0.5 ~ 1.5m

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

**Type identification**



TYPE-A one input, AC plug, test dimmer



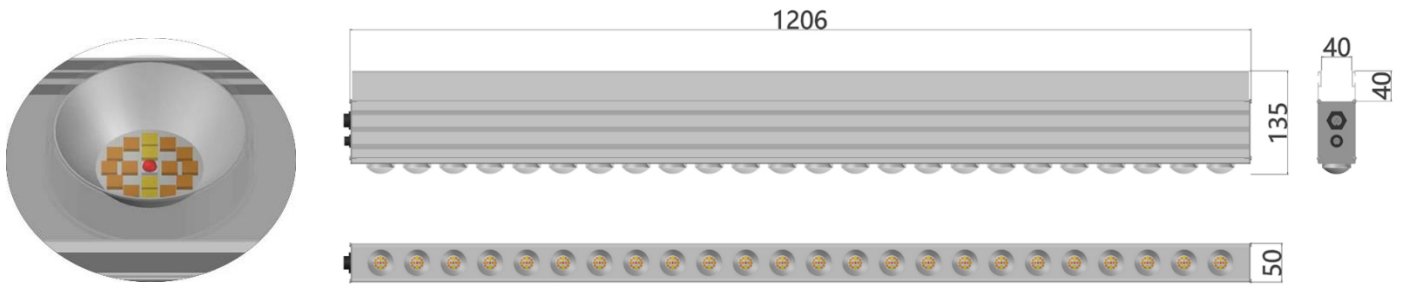
TYPE-B Input and output sockets, 2 extension cords

**Dimension:**



RX-TP50 100D reflective cup type

higher light efficiency, large light-emitting angle, recommended hanging height 0.5-1.5m

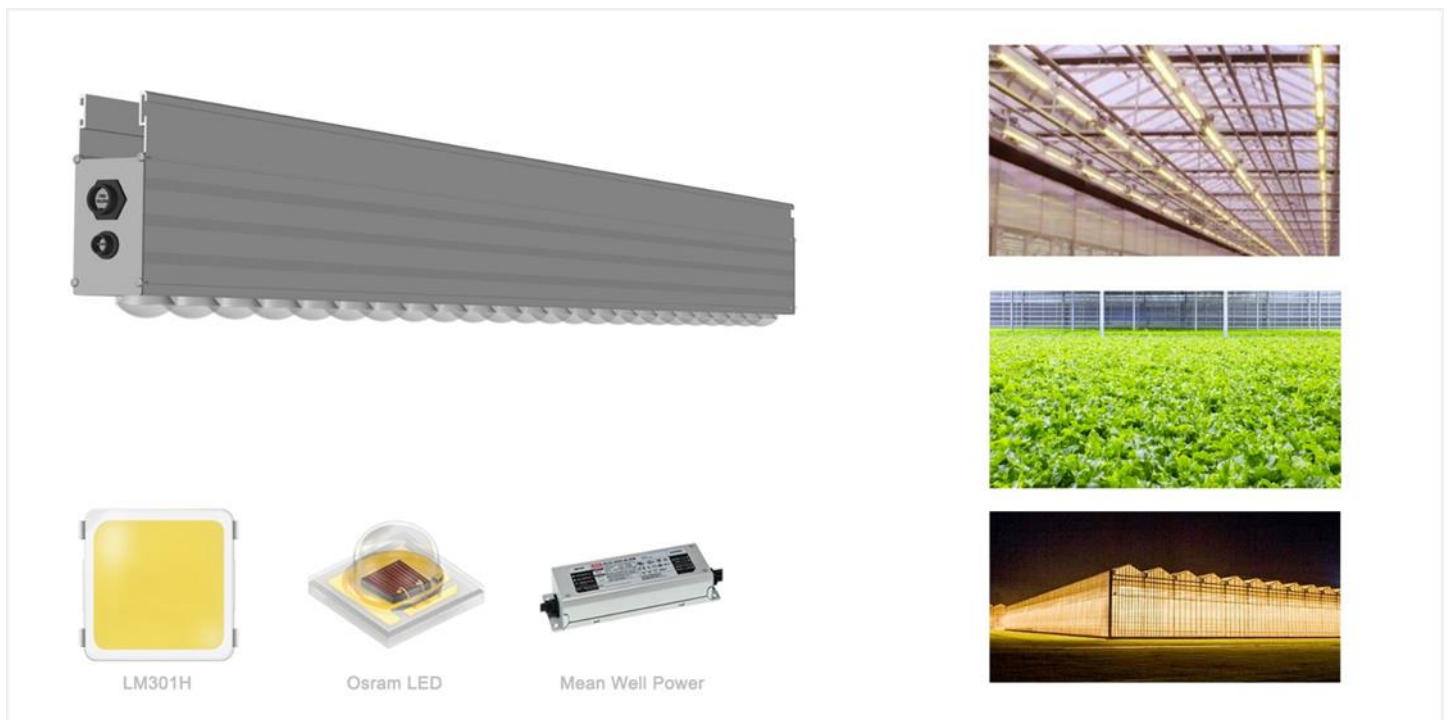


UNIT: mm

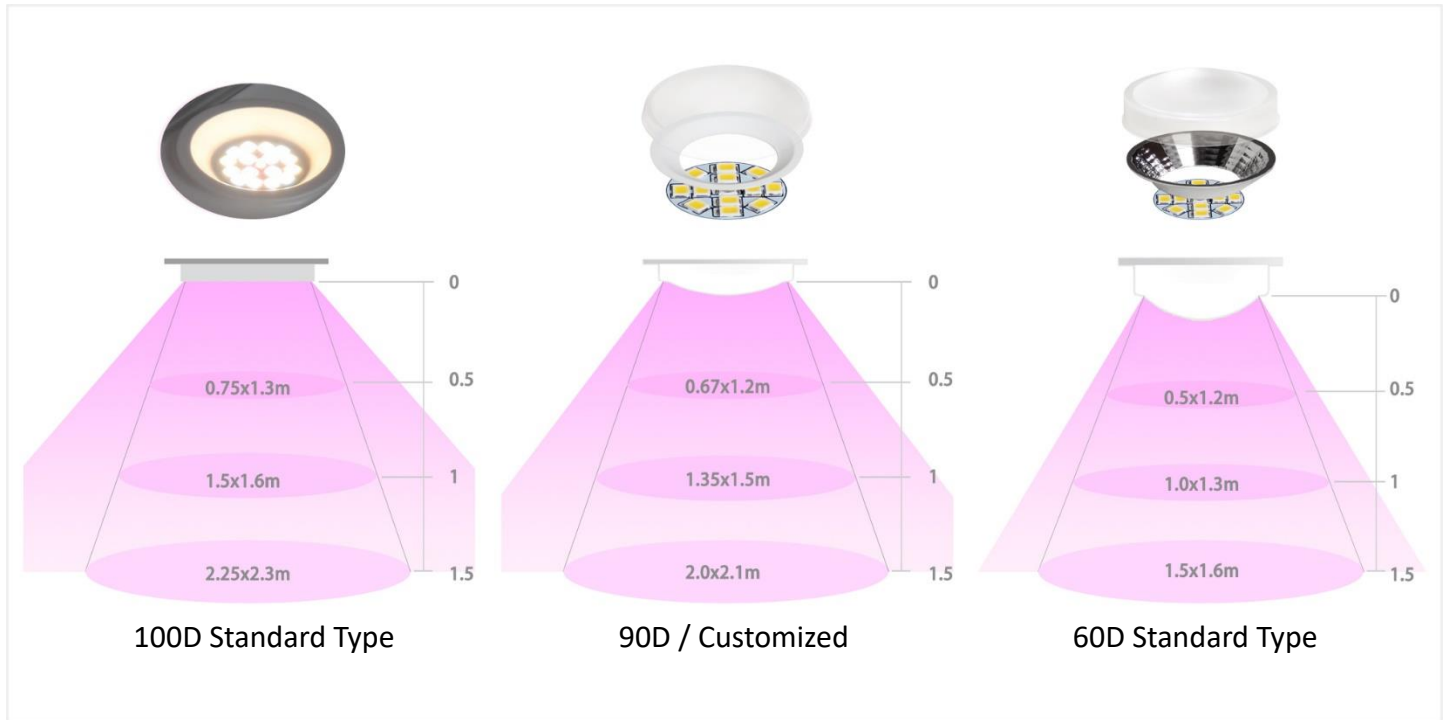
RX-TP50-60D, lens reflector, condensed light to improve PPF, recommended hanging height 0.5-2m

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

**Samsung LM301H and German brand gardening LED, MEAN WELL power supply, high efficiency 2.7umol/J**



**Secondary optical reflection design, high efficiency, higher light utilization, customizable lens and reflector**



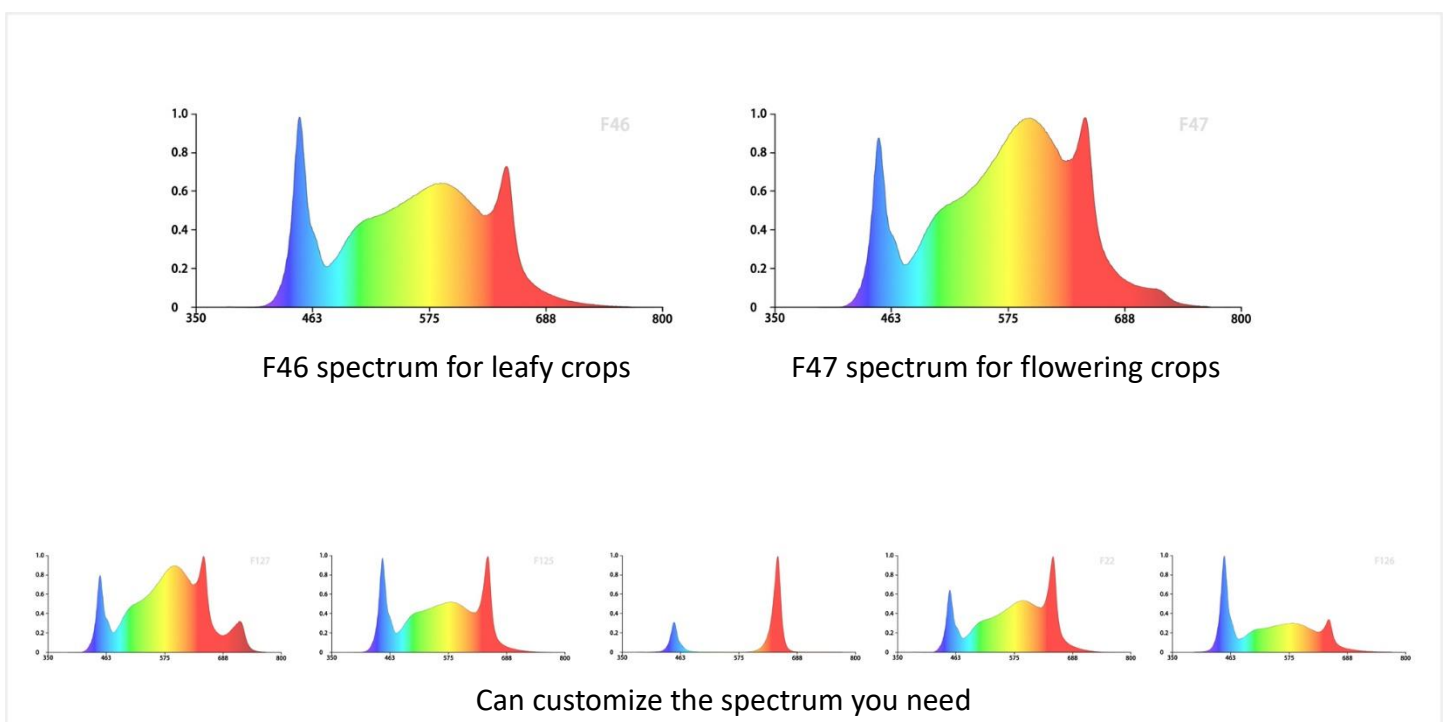
Covering area edge, which is 50% of center PPFD

Recommended hanging height (lights away from the plant canopy):

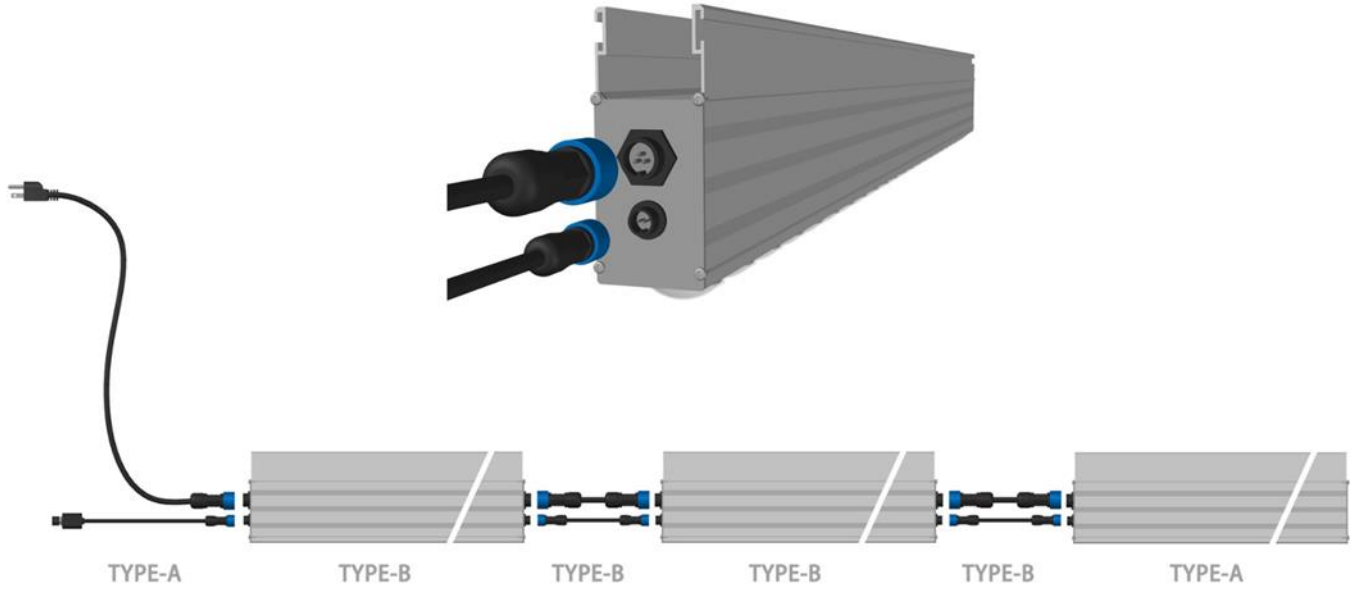
Seedling: 1~1.2m (100D standard product) 1.5 ~2m(60D standard product)

Vegetative growth of leafy vegetables: 0.5~0.8m (100D standard product), 1~1.5m (60D standard product)

**The full spectrum F46 is suitable for most crops and can be customized to your spectrum**



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



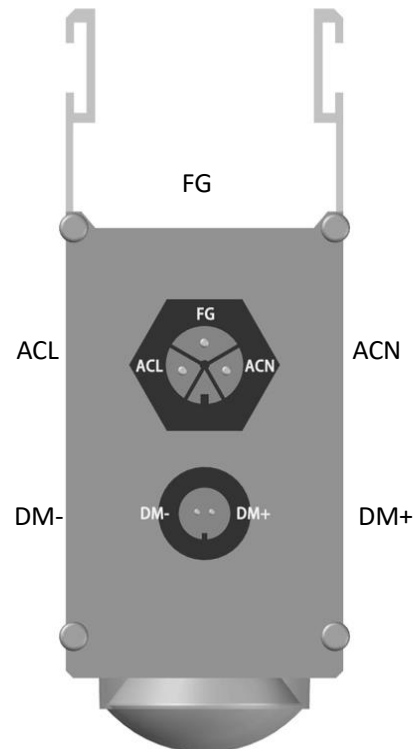
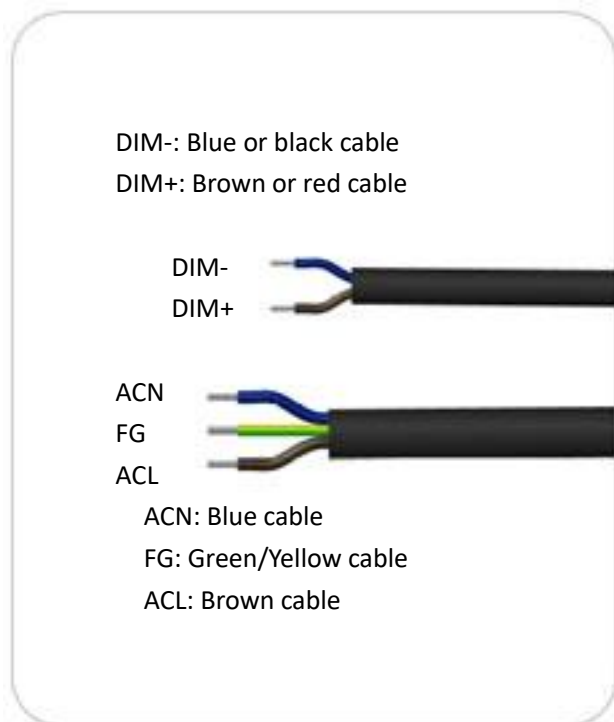
## Accessories



Please select the type of input plug you need, and TYPEA or TYPEB

## 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  $3 \times 1 \text{ mm}^2$  or  $3 \times 1.5 \text{ mm}^2$  and the outer diameter is  $\Phi 7 \sim 12 \text{ mm}$ , 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.