

**Description:**

RX-GW45-AC120 AC input horticulture group cultivation seedlings growing LED plant lights, a newly designed and patented product, and a unique lens and reflector cup structure, high efficient light concentration, more uniform spectral radiation, and higher light utilization, compared to T5 and T8 lamps, savings 30-50% electric bill; using less lights to build your vertical plant farm, and the plant lights are potted and waterproof, Ultra-thin thickness 21 mm, large area aluminum profile for heat dissipation, low temperature rise, ensure longer life; specially designed for plant factories with high-density shelf structure.



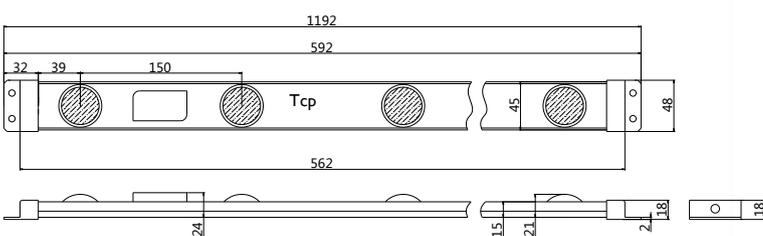
1. Vertical farming, multi-tier cultivation LED plant lamp
2. patent design, lens and reflector cup design, light intensity enhanced more than 50% compare to traditional T5/T8 tubes
3. 60 degree beam angle, 90 degree can be customized
4. Waterproof IP65
5. optimized growing spectrum, can be customized as per request
6. Flicker free, Eye protection, easy to shoot and more affinity
7. AC100-240V input, 18w actual power, PF > 0.9
8. lifespan 25,000 hours
9. CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD $\mu\text{mol}/\text{m}^2/\text{s}$	Luminous flux Radiation Power	Power Input AC230	Comment
RX-GW45-AC120	1200x48x21mm	<p>F22</p>	153 $\mu\text{mol}$ @0.2m 8743Lx	Flux 2551Lm 44 $\mu\text{mol}/\text{S}$ Ra 96 4217K	17W PF >0.9	Universal spectrum for veg growth of lettuce, herb, basil
			100 $\mu\text{mol}$ @0.3m 5907Lx			
			59 $\mu\text{mol}$ @0.5m 34531Lx			
RX-GW45-AC120	1200x48x21mm	<p>F23</p>	128 $\mu\text{mol}$ @0.2m 7340Lx	Flux 2306Lm 40 $\mu\text{mol}/\text{S}$ Ra 90 9391K	18W PF >0.9	Designed for Seedling and clone growth
			91 $\mu\text{mol}$ @0.3m 5200Lx			
			52 $\mu\text{mol}$ @0.5m 2981Lx			

Surface temperature rise Tc 18 °K, working temperature: -30 °C ~ 40°C , working time: 50,000 hrs (Note:Tc < 55 °C)

Photoelectric tolerance scope  $\pm 10\%$

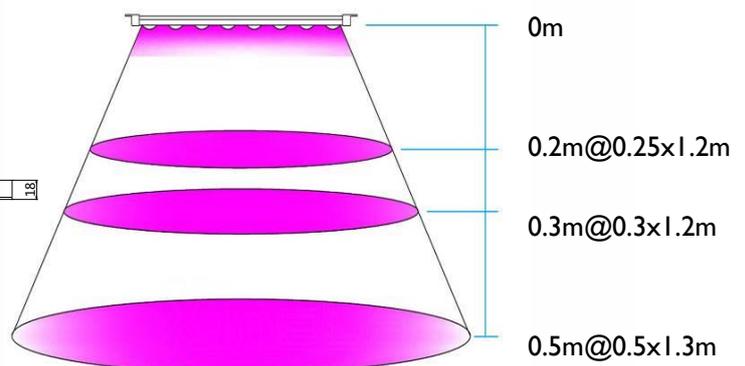
**Dimension:**



UNIT:mm

RX-GW45-AC120

**Depth distance & Coverage:**



## 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.

## More Detail Please Contact With Us

Guarantee for the quality and sales service

RX-GW45- Series LED Light is a new style green energy saving led lighting, we offer 3 years warranties.

Any question happens when opening the package, please feel free to contact with our sales service department, we will ask our professional engineer to help you solve your question asap.

Koray will not offer any guarantee in the following situation

1. The damage due to incorrect installation and operation or using the light not in the regulated working ambient.
2. The damage due to abusing or misusing, without well protection or happens in transition.
3. The damage due to customers open the lamp without authored or replacement the Koray confirmed accessories by themselves.
4. The damage due to personal or nature disaster and other things can't be predicted.