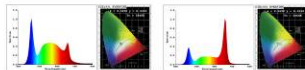


### Description:

RX-GW45-AC120-D AC Input Waterproof Grow Lights Bar, Designed for urban agriculture, vertical farm design, patented product, unique lens structure - high efficiency spotlight, uniform spectral radiation, directional illumination, higher utilization of light, more energy efficient than ordinary plant lights, saving more than 50% energy compared to T8; High PPFD, One Bar equivalent of 3 Tube, grows faster vegetables, uses fewer lights to build your plant farm, Silicagel potting is waterproof and more reliable. Suitable for nursery, Vegetable production, especially for the multi-layer cultivation systems of plant factories.



1. Urban agriculture vertical farm Grow Lights Bar
2. High PPFD, One Bar equivalent to 3 T8 Tube, Build your plant farm with fewer lights!
3. Different spectral LED in one lens, spectral radiation uniformity
4. Lens + reflector, directional illumination, higher light utilization efficiency, energy saving more than 50%
5. The preferred plant light spectrum, can customize the spectrum
6. 100% no flicker, eye protection, easy to shoot, more affinity.
7. Waterproof IP65
8. Input: AC100~240V PF >0.9
9. Patent number: 201620887642
10. Lifespan: 25000hours
11. CE RoHS FCC

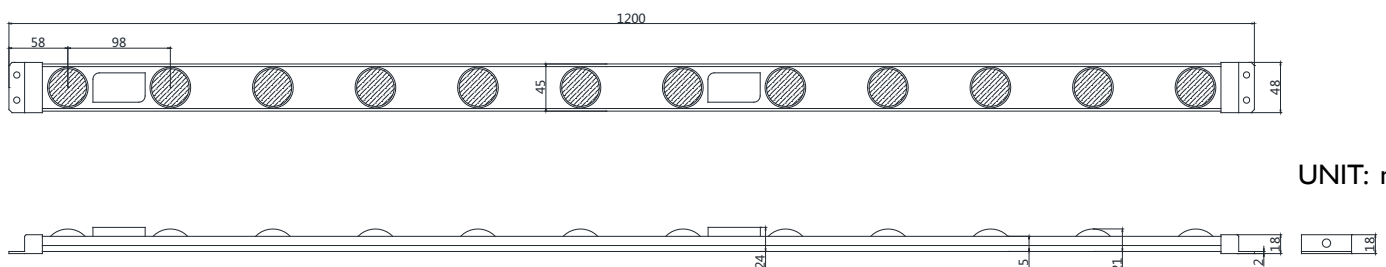
Model	Dimension	Peak Wavelength	Photon PPFD $\mu\text{mol}/\text{m}^2/\text{s}$	Luminous flux Radiation Power	Power Input	Comment
RX-GW45-AC120	1200x45x21mm	D6K3R4	162 $\mu\text{mol}$ @0.2m 6575Lx	Flux 1635Lm Fe 8.2W	28W AC230 PF 0.9	Ra72 3500K Leafy Vegetable cultivation
			105 $\mu\text{mol}$ @0.3m 4264Lx			
			63 $\mu\text{mol}$ @0.5m 2606Lx			
RX-GW45-AC120	1200x45x21mm	D6K6R1	213 $\mu\text{mol}$ @0.2m 13680Lx	Flux 3087Lm Fe 10.8W	30W AC230 PF 0.9	Ra90 5800K Nursery ornamental plants succulents
			131 $\mu\text{mol}$ @0.3m 8340Lx			
			76 $\mu\text{mol}$ @0.5m 4857Lx			

Surface temperature rise  $T_c$  22°K , LED Power temperature rise  $T_c$ : 41 °K, Operating temperature: -30°C ~ 40°C , Lifespan: 25,000 hrs (Note:  $T_a$  25 °C)

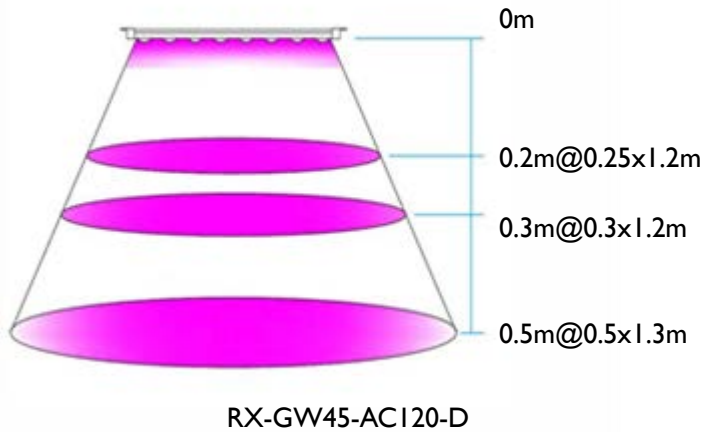
Tolerance range for optical and electrical data:  $\pm 10\%$ .

Beam angle: 60° Recommended irradiation distance: 0.2~0.5m

### Dimension:



Depth distance & Coverage:



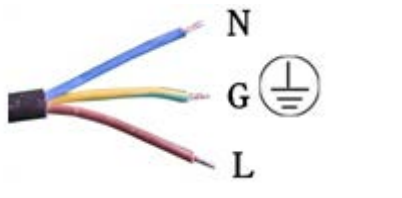
1 pcs 6K6R1

0.2m	Target Average Intensity	159 $\mu\text{mol}/\text{m}^2/\text{s}$
	Target Minimum Intensity	118 $\mu\text{mol}/\text{m}^2/\text{s}$
	Target Maximum Intensity	213 $\mu\text{mol}/\text{m}^2/\text{s}$
0.3m	Target Average Intensity	100 $\mu\text{mol}/\text{m}^2/\text{s}$
	Target Minimum Intensity	72 $\mu\text{mol}/\text{m}^2/\text{s}$
	Target Maximum Intensity	131 $\mu\text{mol}/\text{m}^2/\text{s}$
0.5m	Target Average Intensity	46 $\mu\text{mol}/\text{m}^2/\text{s}$
	Target Minimum Intensity	36 $\mu\text{mol}/\text{m}^2/\text{s}$
	Target Maximum Intensity	76 $\mu\text{mol}/\text{m}^2/\text{s}$

Uniformity: 72%

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  $\Phi 7\sim 12\text{mm}$ , 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.