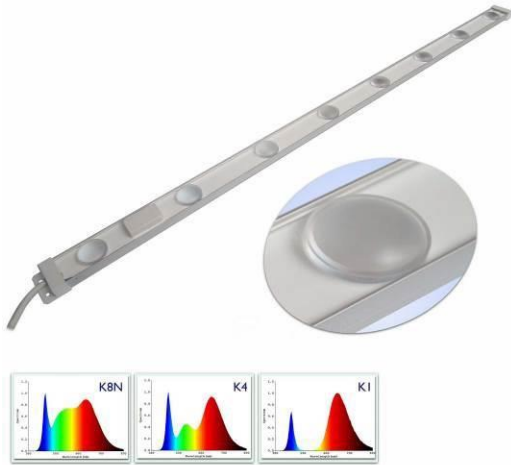**Description:** RX-GW45-AC120 Waterproof LED Grow Light - New patent design product with unique lens structure, Different LED chips in one lens, More uniform spectral radiance, directional light with higher light utilization efficiency, More energy efficient than common grow lights. Silicone potting waterproof more reliable. Ultra slim 21mm, Large area of aluminum heat dissipation and Low temperature rise with longer life-time; Suitable for various of plant cultivation and especially for high-density shelf structure Plant Factories.
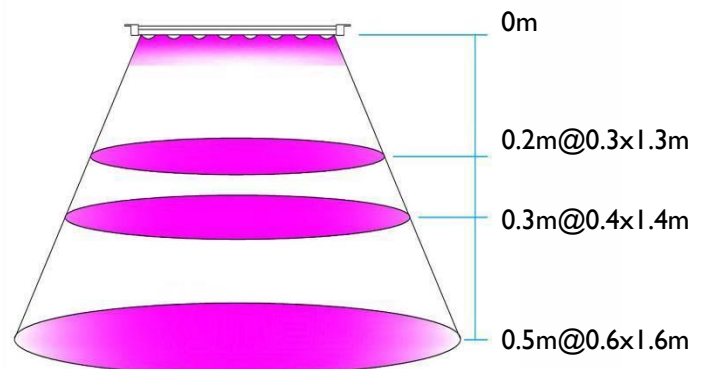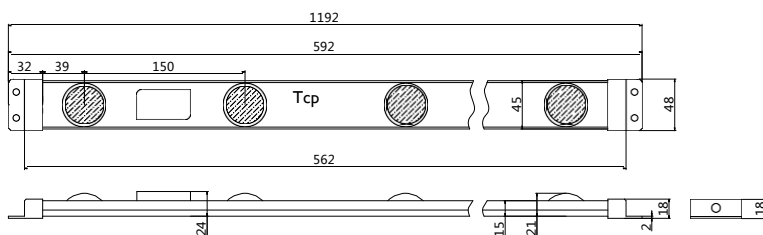
1. Ultra slim for saving space, Lighting in plant factories with multi-layer cultivation systems

2. Comply with the safety requirements around the world

3. 100% flicker-free - Protect Your Eyes

4. Unique lens structure, More uniform spectral radiance,directional light with higher light utilization efficiency; Beam angle 60 °

5. Waterproof IP65, for harsh environments

6. Preferred Plant Growth Full Spectrum LED to meet different plants

7. Lifespan: 25000hours

8. CE RoHS FCC

Model	Dimension	LED QTY Peak Wavelength	Photon PPFD µmol/m²/s	Luminous flux Radiation Power	Power Input AC100 ~240V	Comment
RX-GW45-AC120-K4	1200x48x21mm	Full Spectrum K4	59.50µmol @0.3m	Flux 1184Lm		Universal type grow light Ra 70 Ornamental plants, Vegetable plant factory
			45.31µmol @0.4m	Fe 5.9W		
			36.66µmol @0.5m			
RX-GW45-AC120-K1		Full Spectrum K1	53.72µmol @0.3m	Flux 625Lm	20W PF >0.9	Plant factory And home vegetable cultivation
			39.77µmol @0.4m	Fe 6.0W		
			31.44µmol @0.5m			
RX-GW45-AC120-K8N		Full Spectrum K8N	62.69µmol @0.3m	Flux 1532Lm		High CRI Ra97 Flowers, ornamental plants and houseplants
			46.25µmol @0.4m	Fe 5.6W		
			37.12µmol @0.5m			

Surface temperature rise Tc 15°K , LED Power temperature rise Tc: 41 °K, Operating temperature: -30°C ~ 40°C , Lifespan: 25,000 hrs (Note:Ta 25 °C)

Tolerance range for optical and electrical data: ±10%.

Beam angle: 60° Recommended irradiation distance: 0.3~0.6m

Dimension:

UNIT:mm

RX-GW45-AC120

Depth distance & Coverage:

0m

0.2m@0.3x1.3m

0.3m@0.4x1.4m

0.5m@0.6x1.6m