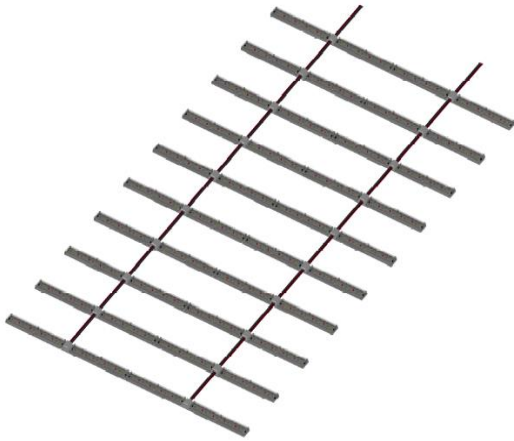


Description: RX-GWBK Economical LED Growth Light Curtain, LED Matrix, LED Grid, Led Ladder, New design, has applied for international patents, optional lens structure - efficient concentrating, uniform spectral radiation, directional illumination, higher light utilization, energy saving of at least 50% compared to similar LEDs; meaning using less lights to build your Vertical plant farms; products without lenses, PPF is more efficient and suitable for larger width planting areas; especially for plant factories with high-density shelf structures



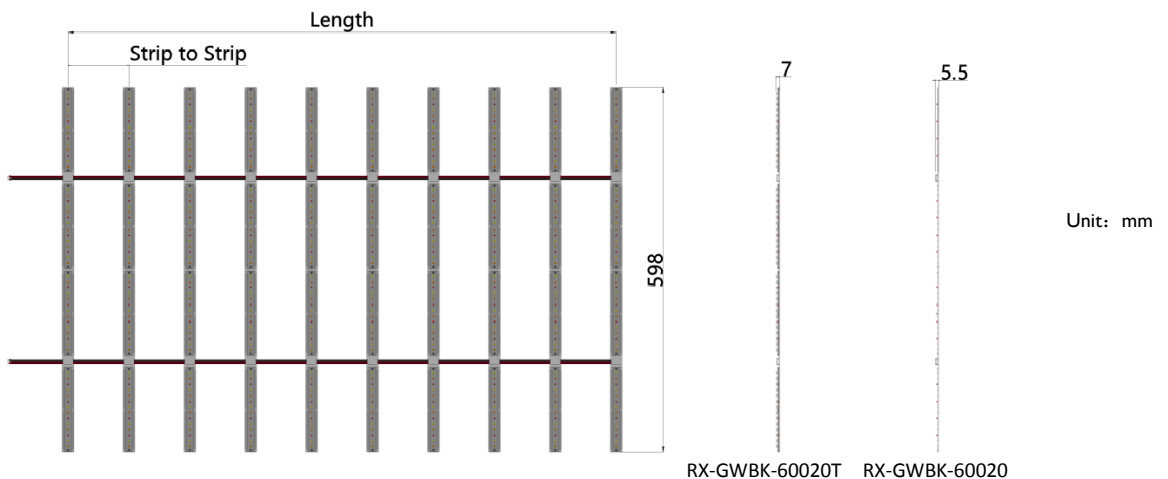
1. Economical LED Growth Light Curtain
2. Vertical agricultural planting lamp for shelf structure plant factory, home indoor plant farm
3. The T series adopts a conjoined lens structure, which has a higher light utilization rate and is planted on a 0.6m wide shelf. Energy saving 50%. Patents multiple countries and regions are pending
4. High efficacy includes lens 2.3μmol/J, no lens 2.4μmol/J
5. The plant-specific full spectrum is optimized to meet different needs, B1 spectrum, suitable for seedling and tissue culture, B2 spectrum, suitable for plant vegetative growth.
6. Input voltage: DC48V, single rated power 12W
7. Lifespan: 50000hours
8. CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPF μmol/m²/s	Luminous flux Radiation Power	Power Input DC48V	Comment
RX-GWBK-60020	600x20x5.5mm	B1	108μmol @0.2m 6521Lx	Flux: 1659Lm	11.5W	Ra 89 9000K Seedlings and Rhizome Max serial connections 30pcs
			65μmol @0.3m 3924Lx	PPF: 28μmol/s		
			30μmol @0.5m 1633Lx	PAR: 5755mW		
		B2	103μmol @0.2m 6013Lx	Flux: 1575Lm	11.7W	
			54μmol @0.3m 3127Lx	PPF: 28μmol/s		
			28μmol @0.5m 1628Lx	PAR: 6132mW		
RX-GWBK-60020T	600x20x7mm	B1	171μmol @0.2m 10327Lx	Flux: 1594Lm	11.6W	Ra 89 9000K Seedlings and Rhizome Max serial connections 30pcs
			108μmol @0.3m 6529Lx	PPF: 27μmol/s		
			53μmol @0.5m 3212Lx	PAR: 5565mW		
		B2	172μmol @0.2m 9947Lx	Flux: 1470Lm	11.7W	
			104μmol @0.3m 6010Lx	PPF: 26μmol/s		
			54μmol @0.5m 3127Lx	PAR: 5741mW		

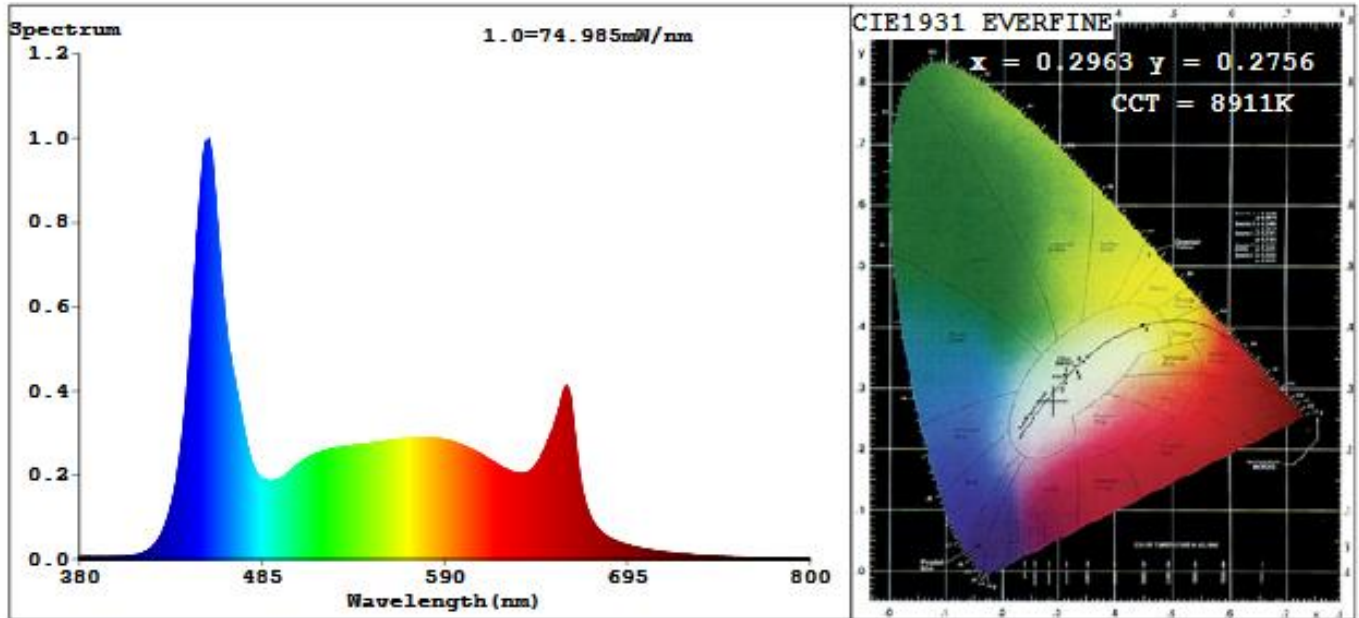
Surface temperature rise Tc 15°K , Operating temperature: -30 °C ~ 40°C , Lifespan: 50,000 hrs (Note: Ta ≤ 25 ° C)

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

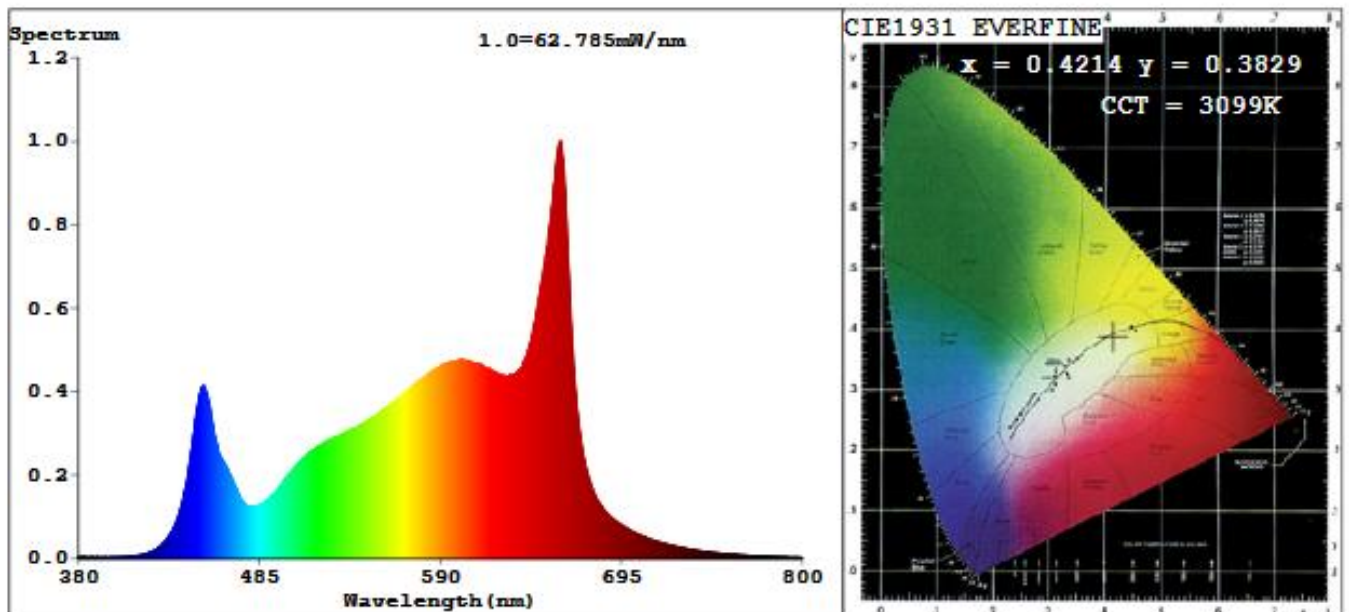
Dimension:



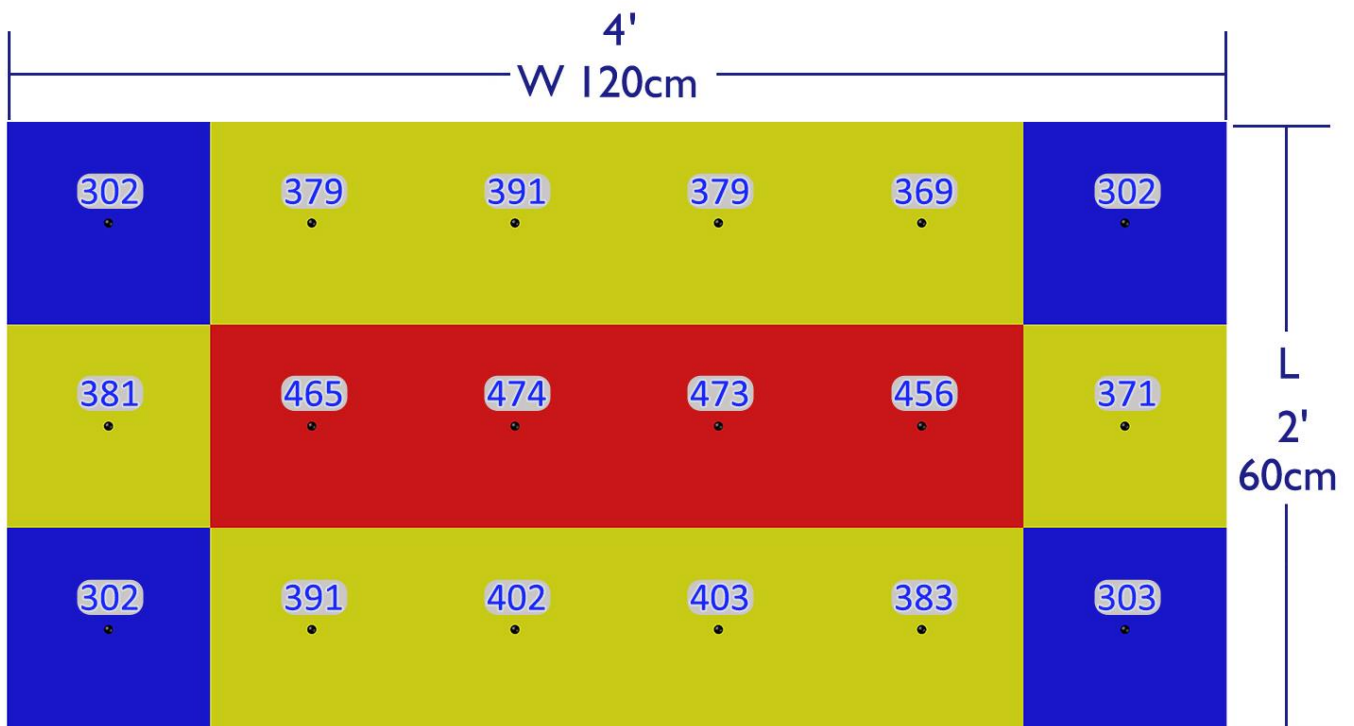
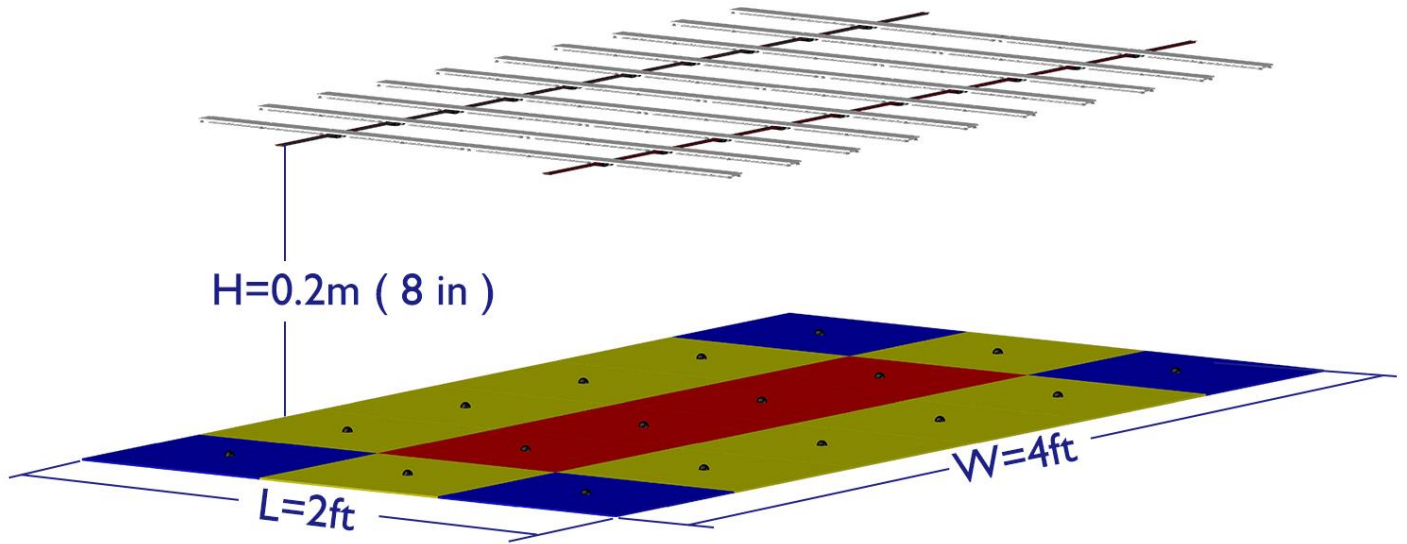
- B1 spectrum, more blue light, 9000K color temperature, used for group breeding seedlings, and rhizome plant growth.



- B2 spectrum, more red light, 3000K color temperature, used for vegetative growth, and most plants grow.

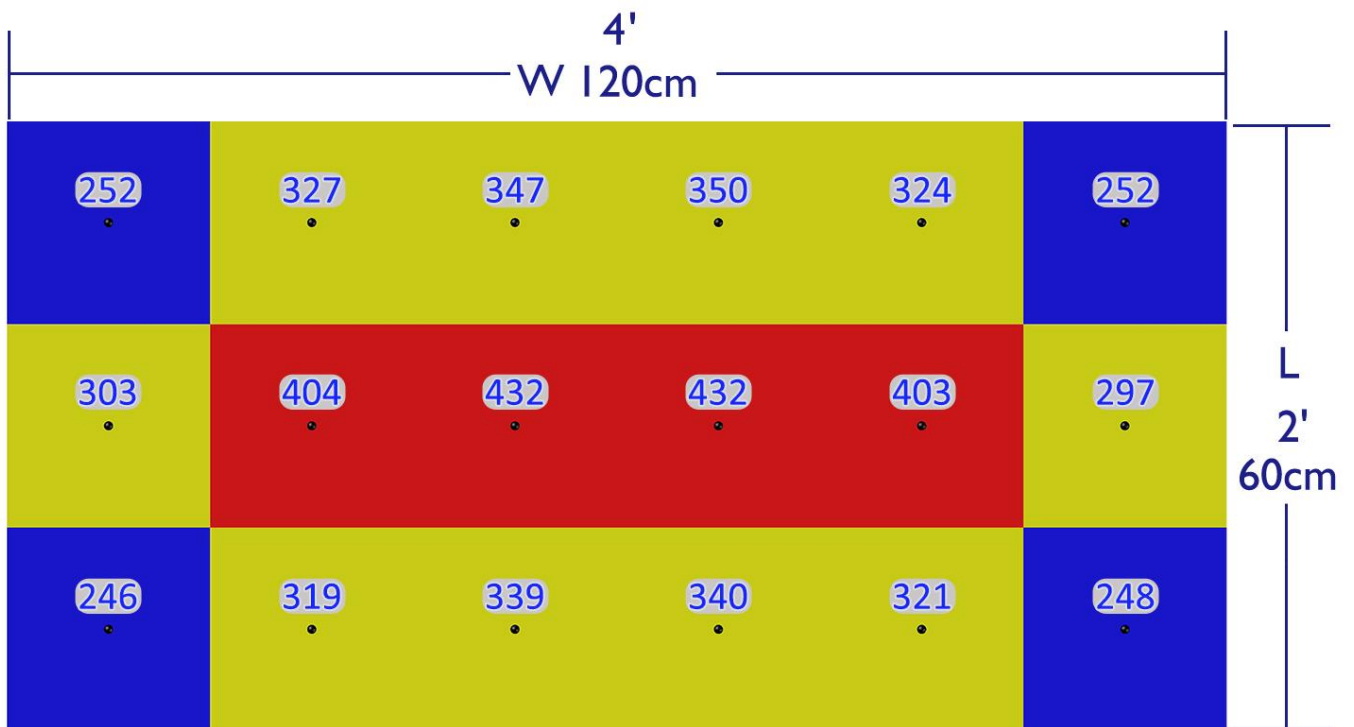
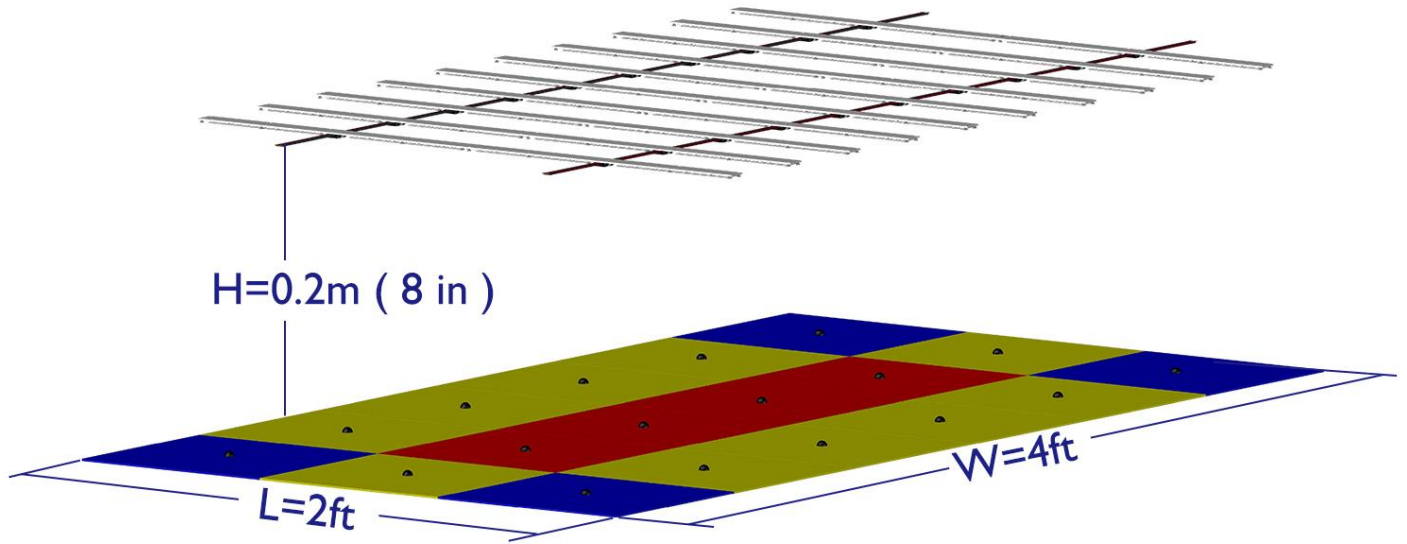


- 600200T with lenses LED Growth Light Curtain, the spacing between the light bars is 12mm, illumination coverage: 0.6x1.2m



● PPFD Test Point Average: 384.8 $\mu\text{mol}/\text{m}^2/\text{s}$

- 600200 without lenses LED Growth Light Curtain, the spacing between the light bars is 12mm, illumination coverage: 0.6x1.2m

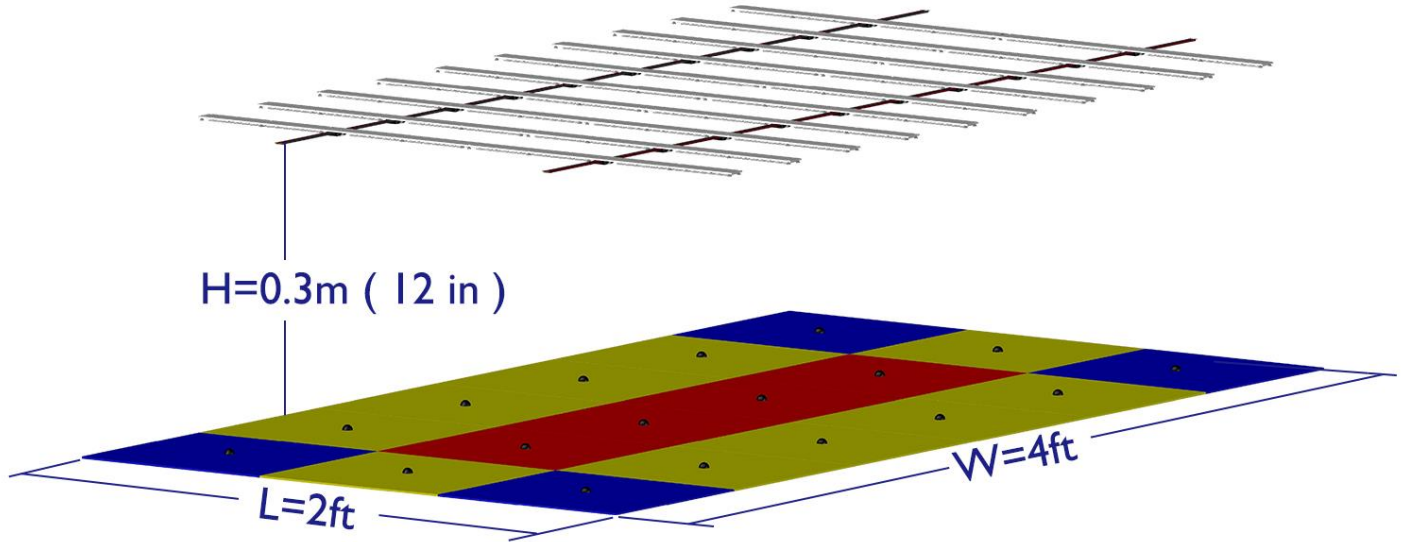


- PPFD Test Point Average: 329.8 $\mu\text{mol}/\text{m}^2/\text{s}$

RX-GWBK-60020 10pcs strip to strip 120mm

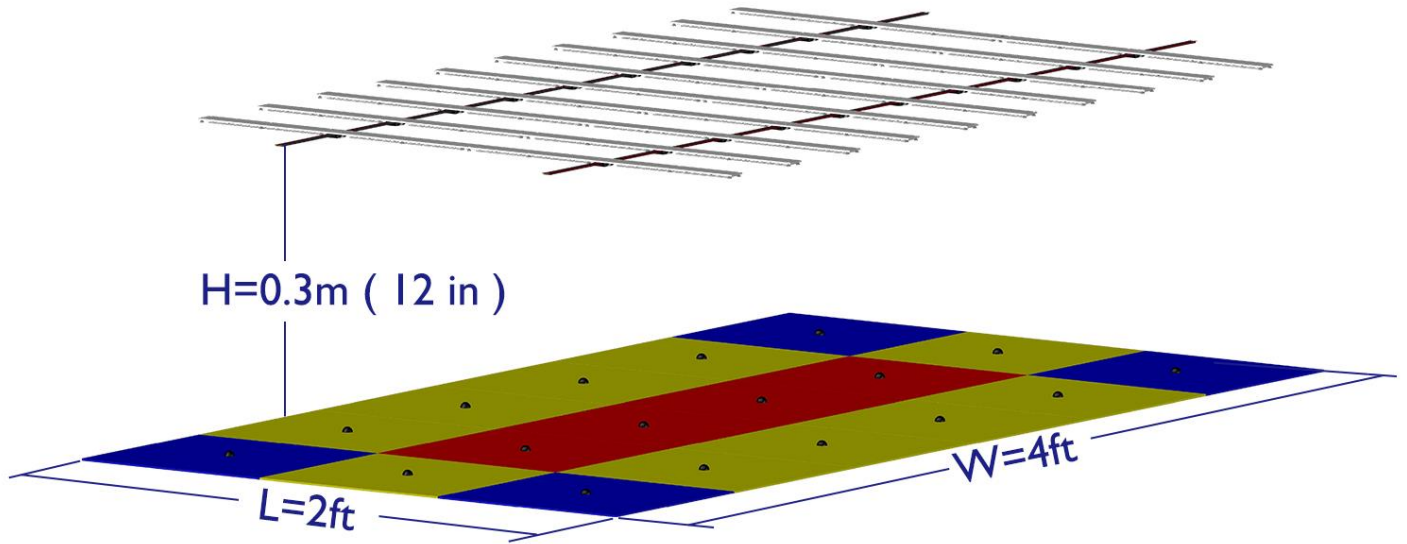
18 test points testes

- 600200T with lenses LED Growth Light Curtain, the spacing between the light bars is 12mm, illumination coverage: 0.6x1.2m



- PPFD Test Point Average: 301.9 $\mu\text{mol}/\text{m}^2/\text{s}$

- 600200 without lenses LED Growth Light Curtain, the spacing between the light bars is 12mm, illumination coverage: 0.6x1.2m



● PPFD Test Point

Average: 234.3 $\mu\text{mol}/\text{m}^2/\text{s}$