

Description:

RX-GW5025 series Efficient shelf planting plant growth lights, vertical agricultural plant lights, efficiency up to 2.8 μ mol/J, High power 40W, build your plant farm with fewer lights. Large-area aluminum profiles provide heat dissipation, low temperature rise and long life; especially suitable for plant factories with high-density shelf structures.



1. Ultra high efficiency, 2.8 μ mol/J
2. Urban Vertical Agriculture - Horticulture LED Production Module lights
3. Illumination angle 120°, wide illumination area
4. Free back mounting bolts, Easy to extend fixed installation
5. Preferred plant-specific spectra, multiple **light-recipe** to meet different plant requirements
6. Not waterproof, (**Optional Conformal Coated**)
7. Input: AC 100~277V PF >0.9 Power: 40W
8. Meet the safety requirements around the world, CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD μ mol/m ² /s	Luminous flux	Power Input AC230V	Comment
RX-GW5025	1206x50x25mm	V2	190 μ mol @0.2m 12885Lx	Flux 7613Lm PPF:114 μ mol/s PAR: 24041mW	41W PF >0.9	2.8 μ mol/J CRI Ra88 vegetative growth
			125 μ mol @0.3m 8425Lx			
			70 μ mol @0.5m 4758Lx			
RX-GW5025		FI	189 μ mol @0.2m 12269Lx	Flux 69701Lm PPF:109 μ mol/s PAR:23769mW	42W PF >0.9	2.6 μ mol/J CRI Ra93 vegetative growth
			119 μ mol @0.3m 7695Lx			
			65 μ mol @0.5m 2420Lx			
RX-GW5025		6K2R4BI	152 μ mol @0.2m 5005Lx	Flux 2833Lm PPF:90 μ mol/s PAR: 18721mW	38W PF >0.9	2.4 μ mol/J Red-blue ratio 4:1
			97 μ mol @0.3m 3222Lx			
			57 μ mol @0.5m 1798Lx			

Surface temperature rise Tc 15 °K

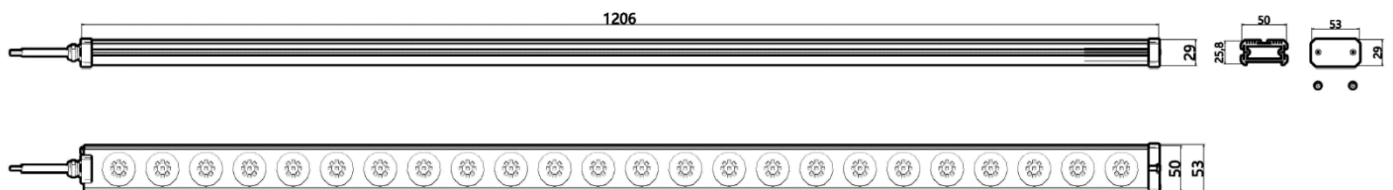
Operating temperature: -30 °C ~ 40°C , Life: 25,000 hrs (Note:Ta 25 °C)

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

Illumination angle 120°, Recommended irradiation distance 0.1~0.5 m

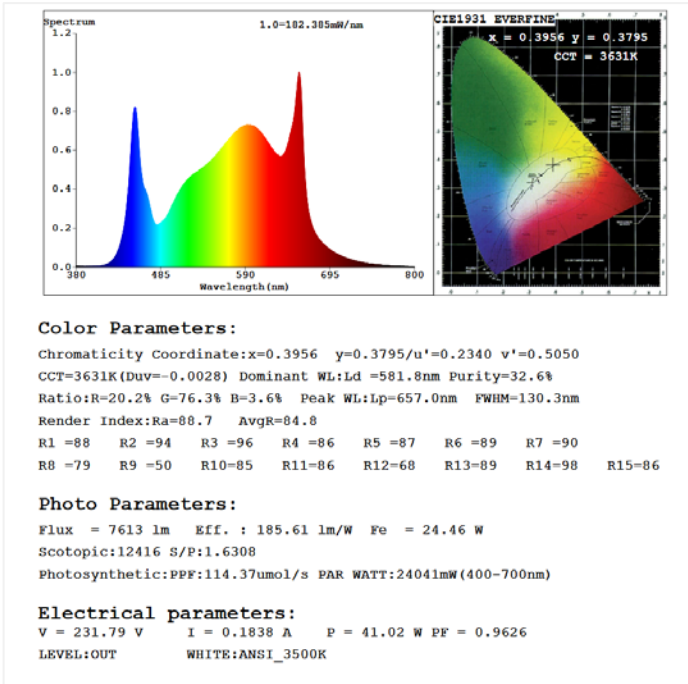
The above data is for reference only! Subject to change without notice

Dimension:

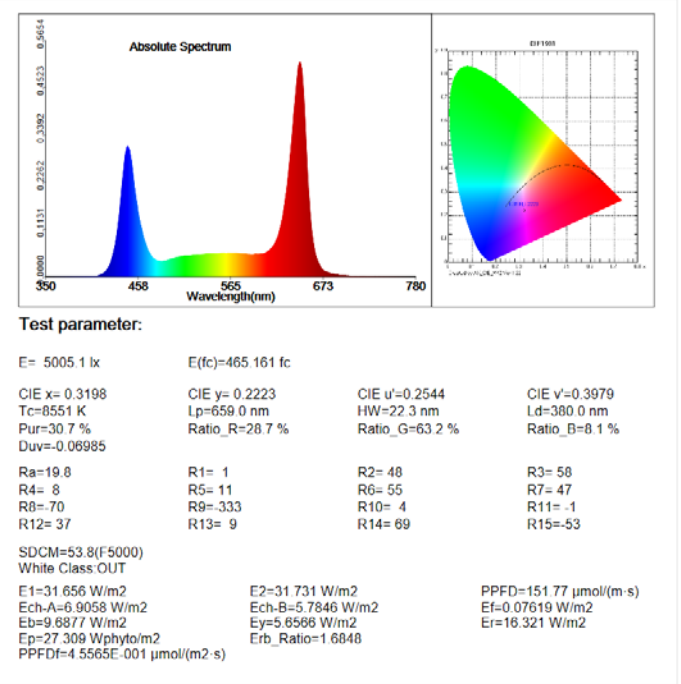


Unit: mm

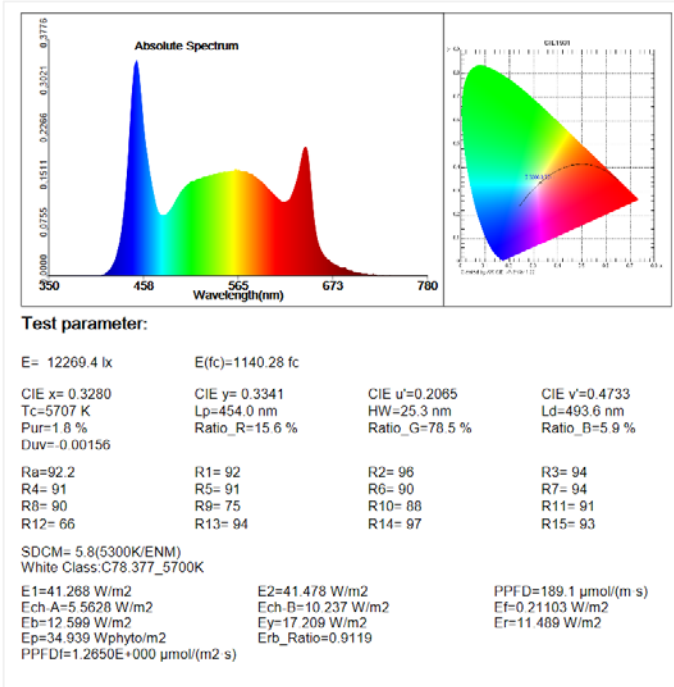
Testing report



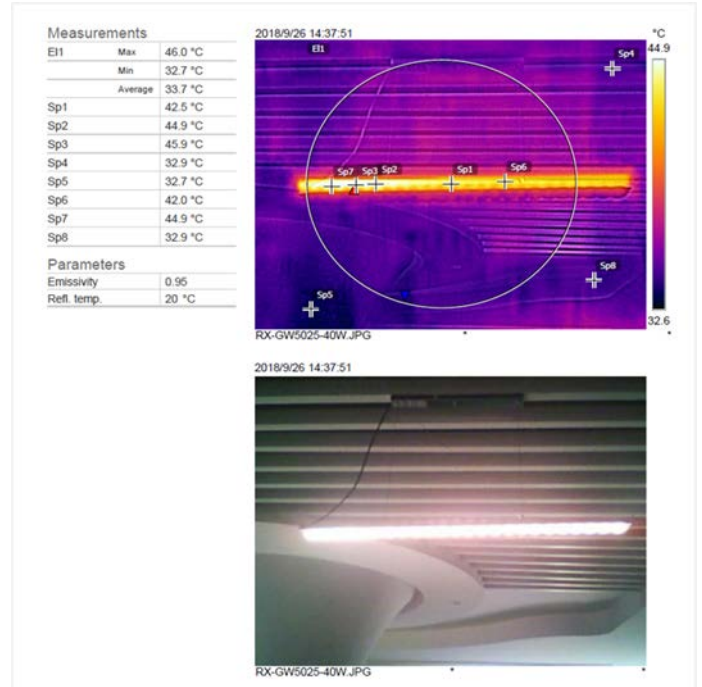
RX-GW5025-V2 PPF PAR TEST



RX-GW5025-6K2R4B1 0.2m PPF TEST



RX-GW5025-F1 0.2m PPF TEST



Surface temperature Test