

Description:

RX-GI50T series ultra high PAR output medicinal plant UFO waterproof plant lamp, Samsung and German brand plant-specific LED, full spectrum, can be customized to include UV and FR, is ideal for medical planting lamps, PAR output, PPFD> 1200µmol/m²/s at 0.3m, the special medicinal plant planting light source, after extensive practical planting, can significantly improve the quality and harvest. Suitable for basement planting, plant tent planting, experimental planting, greenhouse planting.

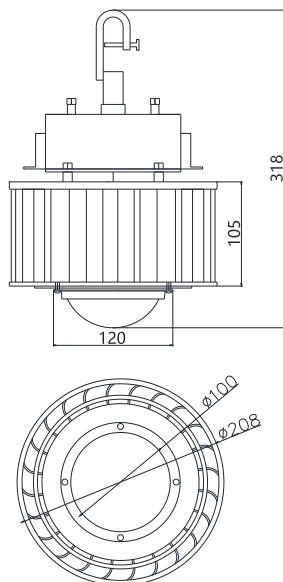


1. Basement, plant tents for growing medicinal plants
2. High PAR output, PPFD> 1200µmol @ 0.3m
3. Preferred medical medicinal plant growth spectrum, you can customize the spectrum you need
4. Glass lens, High efficient copper heat pipe directly with the zero-distance heat bonded, higher reliability
5. Use Meanwell power supply, free additional dimmer
6. life 50,000 hours
7. CE RoHS FCC

Model	Dimension	Light recipe Peak Wavelength	Photon PPFD µmol/m ² /s	Luminous flux Radiation Power	Power Input	Comment	
RX-GI50T-F	Ø21 cm H32cm 3.6Kg	S18	1600µmol @0.3m 103595Lx*	Flux 23673Lm 352µmol/s	157W AC110V	Illumination angle: 100° Samsung LM301 German brand gardening LED	
			592µmol @0.5m 38021Lx				
			146µmol @1m 9251Lx				
		S18	1598µmol @0.3m 102991Lx*	Flux 23572Lm 351µmol/s	150W AC230V		Illumination angle: 100° LM301 And German brand Square power supply
			588µmol @0.5m 37806Lx				
			144µmol @1m 9332Lx				

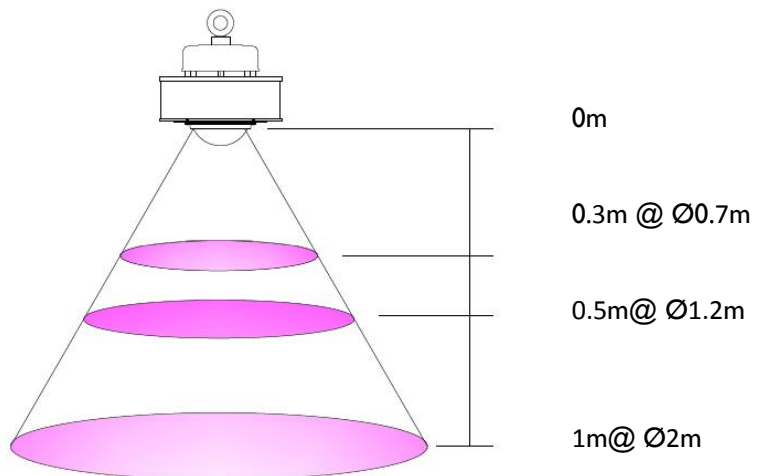
Surface temperature rise Tc 35 °K, Operating temperature: -30 °C ~ 40 °C, Service life: 50,000 hrs (Note: Ta < 25 °C)
 Photoelectric error range: ±10 %
 Recommended illumination distance of 0.2~2 m, suitable for indoor and basement indoor light-free environment

Dimension:

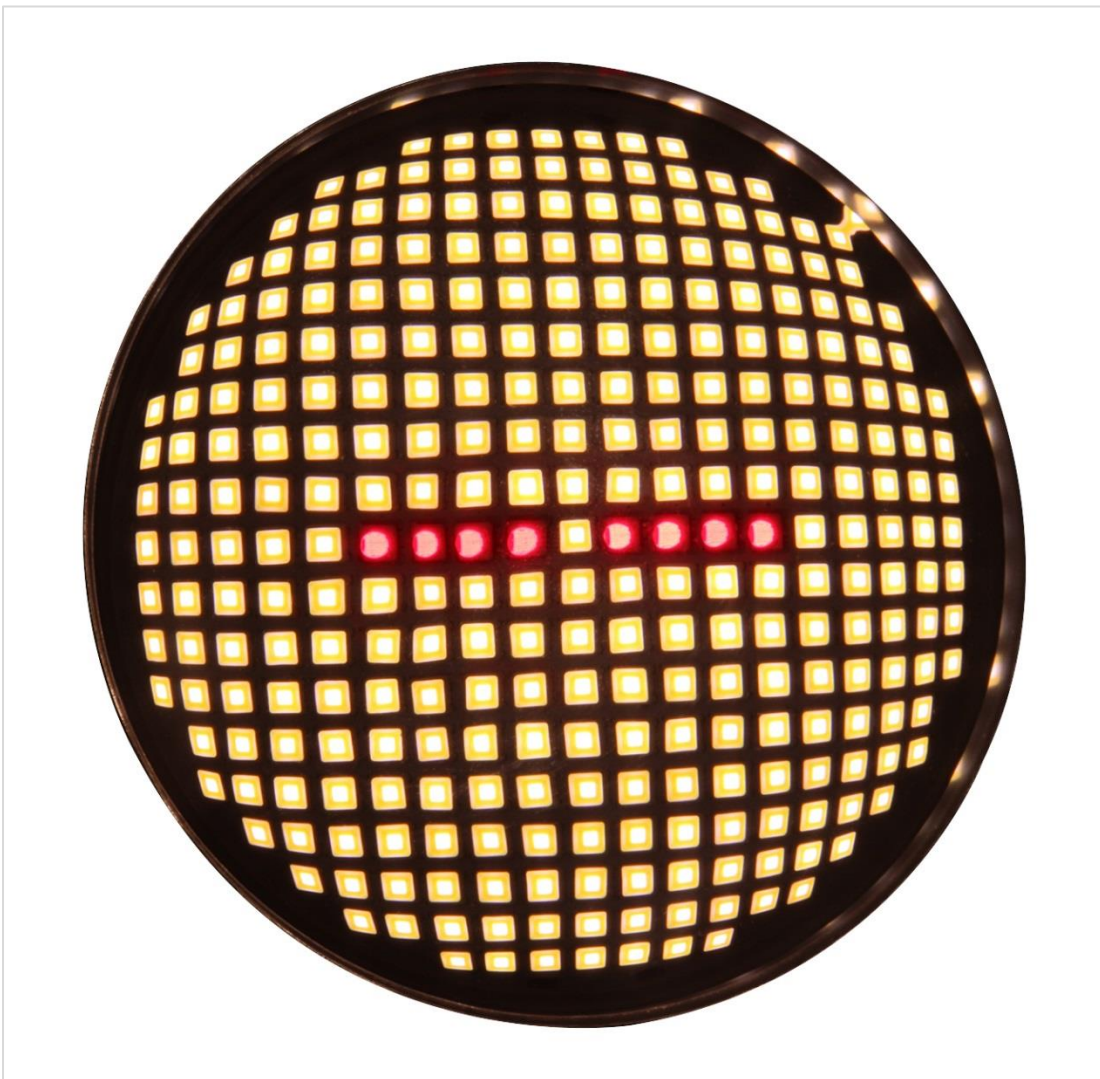
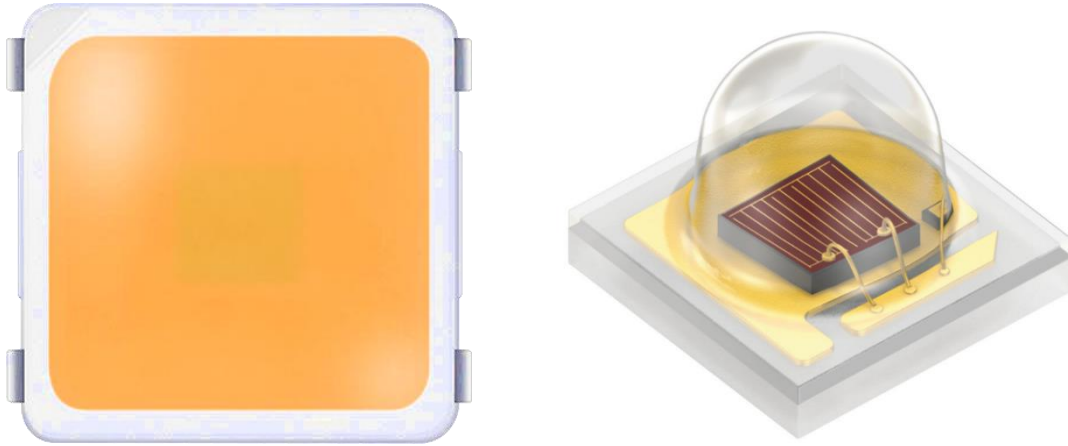


Unit: mm

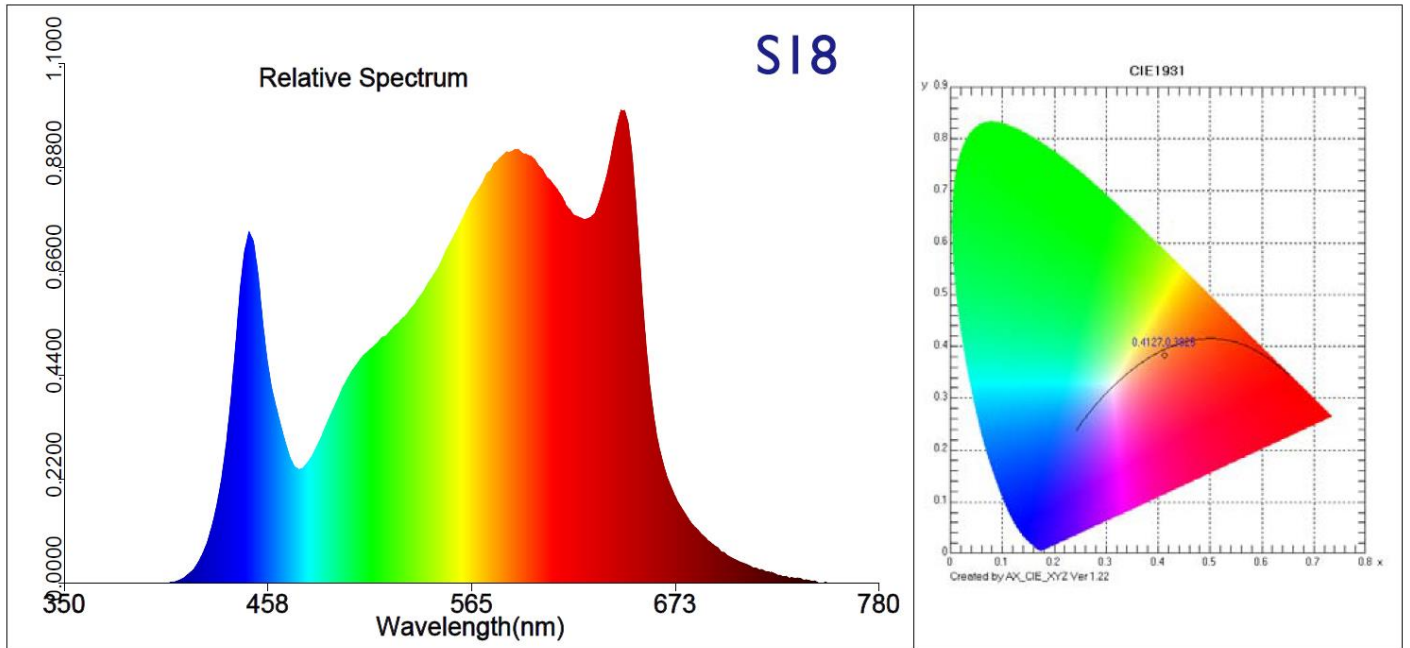
Depth distance & Coverage:



- High efficiency and energy saving, Samsung LM301 led chip, add German brand 660nm or 730nm



- High PAR output, PPFD= 1600µmol @ 0.3m



Test parameter:

E= 103595.3 lx

E(fc)=9627.82 fc

CIE x= 0.4132

CIE y= 0.3830

CIE u'=0.2442

CIE v'=0.5092

Tc=3264 K

Lp=658.0 nm

HW=149.1 nm

Ld=584.0 nm

Pur=39.0 %

Ratio_R=22.2 %

Ratio_G=74.6 %

Ratio_B=3.3 %

Duv=-0.00502

Ra=89.6

R1= 89

R2= 95

R3= 97

R4= 88

R5= 90

R6= 92

R7= 89

R8= 77

R9= 51

R10= 89

R11= 88

R12= 78

R13= 91

R14= 99

R15= 86

SDCM= 6.0(3500K/White)

White Class:OUT

1600µmol/ m² /s

E1=332.98 W/m2

E2=337.97 W/m2

PPFD=1600.5 µmol/(m·s)

Ech-A=58.14 W/m2

Ech-B=62.417 W/m2

Ef=4.9692 W/m2

Eb=56.791 W/m2

Ey=137.45 W/m2

Er=139.02 W/m2

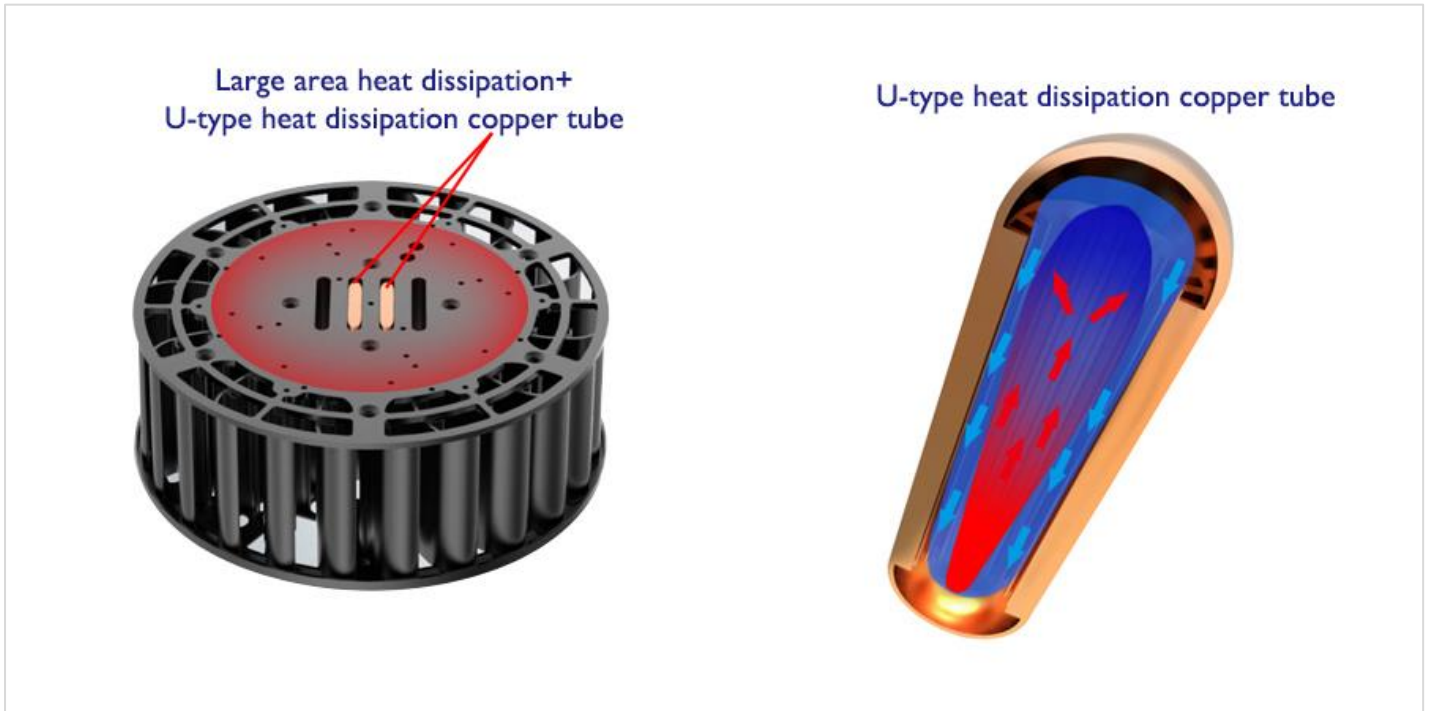
Ep=295.22 W/m2

Erb_Ratio=2.4479

PPFDf=2.9998E+001 µmol/(m2·s)

RX-G150T-F-S18 110V PPFD Output

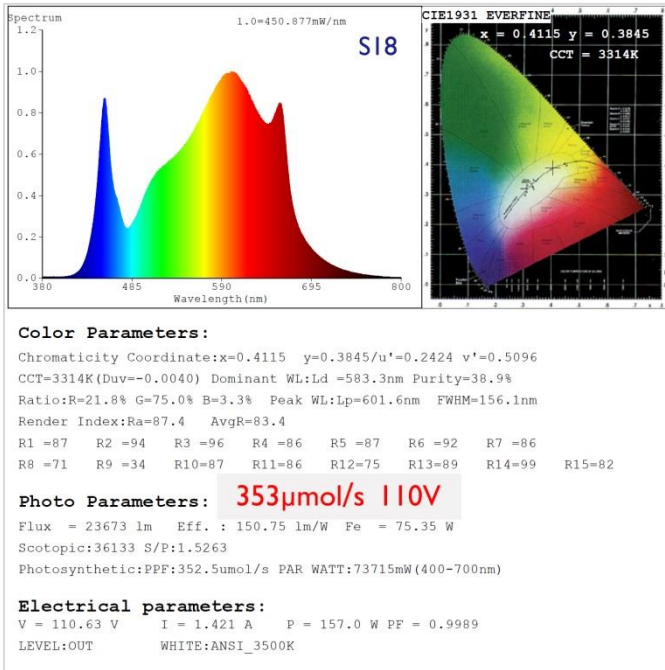
- High efficient copper heat pipe directly with the zero-distance heat bonded, higher reliability



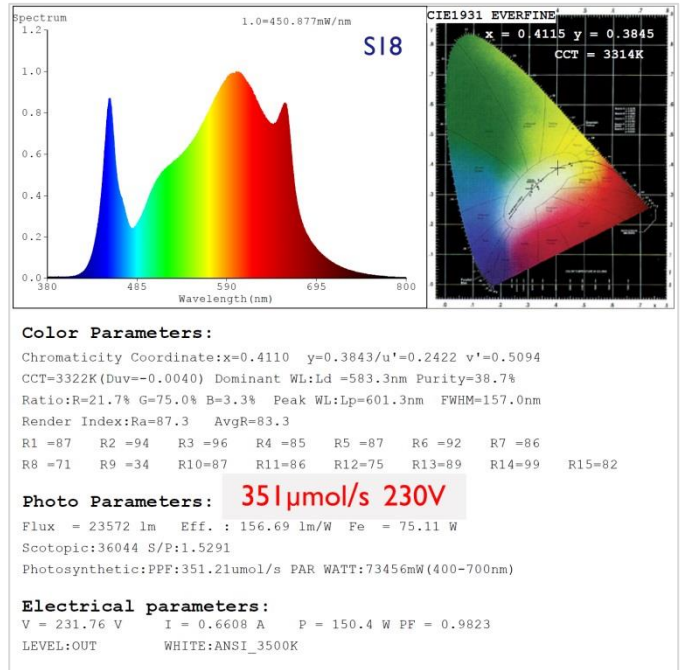
- Light science design, higher light uniformity



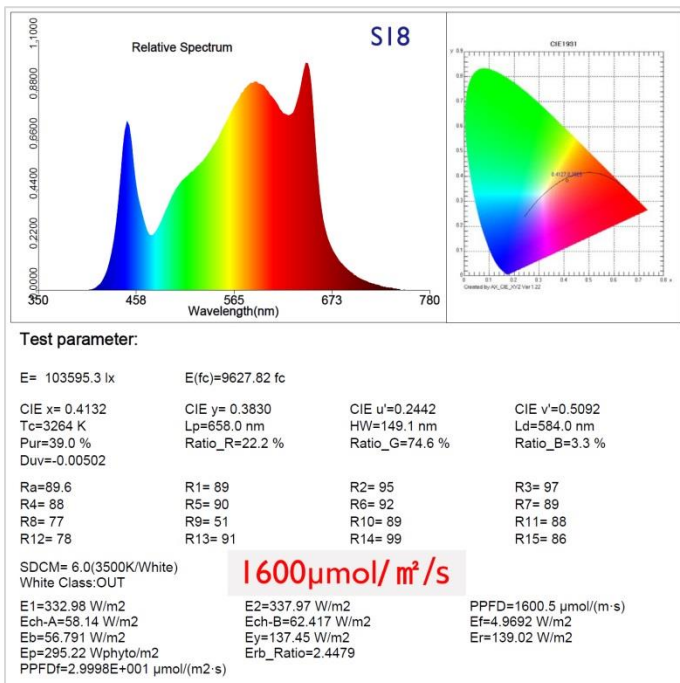
● Testing report



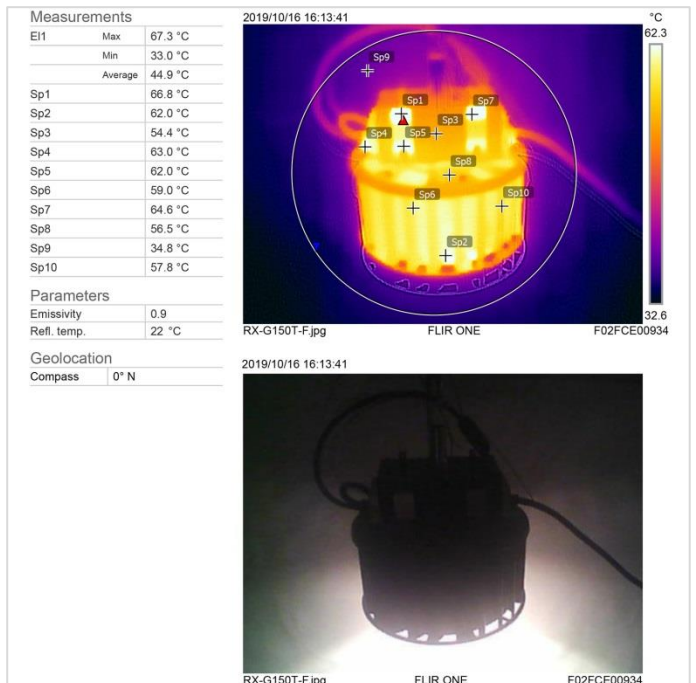
RX-GI50T-F-S18 110V PPF Output



RX-GI50T-F-S18 230V PPF Output



RX-GI50T-F-S18 110V PPF Output



RX-GI50T-F-S18 Surface temperature test report

- Planting scene

