Dual Head Led Grow light tube - Spotlight lens provides more than double PPFD

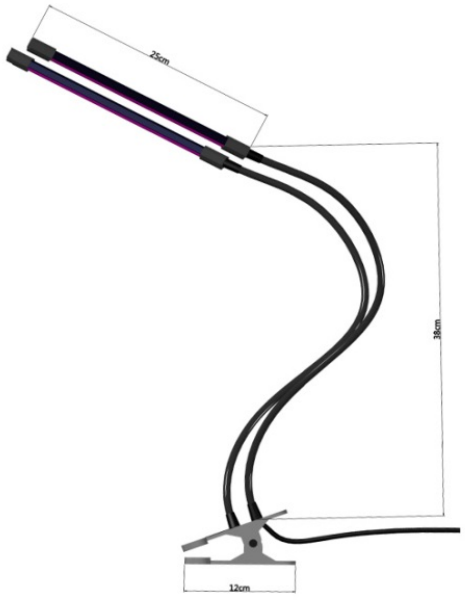
MODEL: RX-T5T-2T series www.koraylight.com www.xinelam.com

Description: RX-T5T-2T LED Grow Light tubes, Spotlight lens provides more than double PPFD, The Dual Head T5T with 360-degree flexible neck and clamp is easy to adjust and place anywhere. Dual Head Timing Grow Light 4 Dimmable Levels 3 Modes Timing (3H/6H/12H). The preferred plant growth special lighting spectrum. Suitable for indoor use, starting seedlings, potted plants follage plants, flowering plants, succulent and Venus flytrap (Dionaea muscipula) plants.

1. The newly designed concentrating lens, 36 high-efficiency high-power LEDs, provides more than double the PPFD.(Compared to T5A Dual Head Led Grow light tube)
2. Dual Head Bulbs Gooseneck 360-degree easy to adjust and place anywhere.
3. USB connection function provides easy way to connect a wall outlet or an USB interface like computer
4. 4 Dimmable Brightness Levels 25%,50%,75%,100%
5. Timing Function - working time for 3 hours,6 hours,12 hours according to plants need. Note: After time setting, the light will turn off automatically, But you need to turn it on manually every day.
6. The preferred plant light spectrum, Customize the spectrum you need (for specialized companies only)
7. Lifespan: 50000hours, Warranty: 2 years
8. CE RoHS FCC

Model	Dimension	LED QTY Peak Wavelength	Photon PPFD μmol/m²/s	Luminous flux Radiation Power	Power Input	Comment
RX-T5T-2T	Bar 15x12mm Length 25cm Gooseneck 38cm	K12B1	242μmol @0.1m 4184Lx 75μmol @0.2m 1287Lx 32μmol @0.3m 569Lx	Flux 62Lm 3.7umol/S	4.2W/Bar USB 5V	24Red 12Blue Succulents plants rhizome growth
RX-T5T-2T		K6	260μmol @0.1m 12531Lx 80μmol @0.2m 3813Lx 35μmol @0.3m 1712Lx	Flux 182Lm 3.8umol/S	4.2W/Bar USB 5V	High CRI Ra 86 Strawberry, Flower Pot, Venus flytrap plants, Ornamental Plants
Surface temperature rise Tc 23K, Operating temperature: -30 °C ~ 40 °C, Lifespan: 25,000 hrs (Note: Ta ≤ 25 °C) Tolerance range for optical and electrical data: ± 10%. Beam angle: 35° , Recommended irradiation distance: 0.1~0.3m Light emitting angle 60 ° Clip Maximum opening: 5cm; Gooseneck Length: 38cm; Cable Length: 1+1.2m						

Dimension:



Package Included:

Way To Use:

RX-GW-D60-2T USB grow Light bulbs, Plug and play products. Installation is very simple

1. Clip or hang the triple heads stand growing lamp body with metal clip in anywhere you want.
2. Adjust the distance between the lamp and the plant, it is recommended that the lamp and the plant spacing 0.2 ~ 0.4m
3. Turn on the power and adjust the brightness according to the plant needs of different periods.
4. Suggest that plant light lasts for 6-12 hours per day, not more than 12 hours per day. Suggest that plants should retain enough water when they grow.

Controller key function description

Timing LED:

Red 12 hours, Green 6 hours, Yellow 3 hours

Timing button:

Press one 12 hours red light, Press two 6 hours green light , Press three 3 hours Yellow light, Press four time cancel the timer function

Lamp Head Switch Button:

Press one double lamp light, Press two A lamp light, Press three B lamp light, Press four double lamp light...

Power and dimming Button:

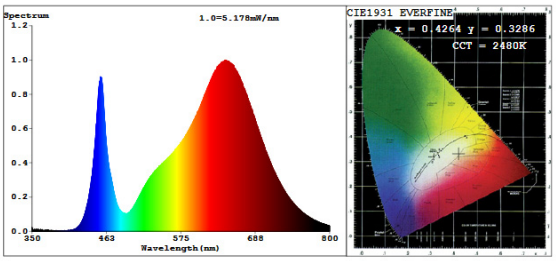
Press one - 100% brightness, Press two - 75% , Press three- 50% brightness, Press four - 25% brightness, Press five - off power

Three options of timing setting up,3 hours, 6 hours or 12 hours according to plans need.

Note:

1. Do not soak the growth lamp in water.
2. The distance between the bulb and the plant is less than 0.2m; it may burn the plant.

Koray RX-T5T-2T testing report



Color Parameters:

Chromaticity Coordinate:x=0.4264 y=0.3286/u'=0.2801 v'=0.4856
CCT=2480K(Duv=-0.0313) Dominant WL:Ld =616.8nm Purity=26.5%
Ratio:R=31.1% G=65.7% B=3.1% Peak WL:Lp=641.8nm FWHM=129.2nm
Render Index:Ra=89.4 AvgR=87.0
R1 =92 R2 =87 R3 =91 R4 =91 R5 =91 R6 =81 R7 =86
R8 =96 R9 =87 R10=80 R11=90 R12=62 R13=88 R14=98 R15=86

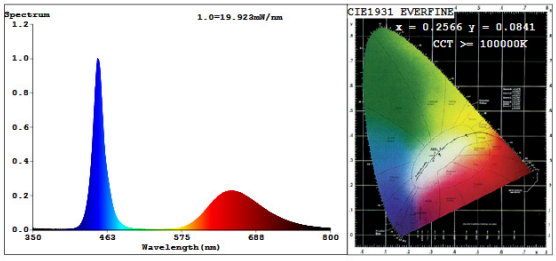
Photo Parameters:

Flux = 182.1 lm Eff. : 43.34 lm/W Fe = 868.5 mW
Scotopic:256.54 S/P:1.4088
Photosynthetic:PPF:3.8134umol/s PAR WATT:770.72mW(400-700nm)

Electrical parameters:

V = 4.9995 V I = 0.8404 A P = 4.202 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 1000 ms Ip = 33693 (51%)



Color Parameters:

Chromaticity Coordinate:x=0.2566 y=0.0841/u'=0.2936 v'=0.2165
CCT=100000K(Duv=-0.1660) Dominant WL:Ld =-565.4nm Purity=98.3%
Ratio:R=59.9% G=18.7% B=21.4% Peak WL:Lp=448.2nm FWHM=17.4nm
Render Index:Ra=0.0 AvgR=0.0
R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

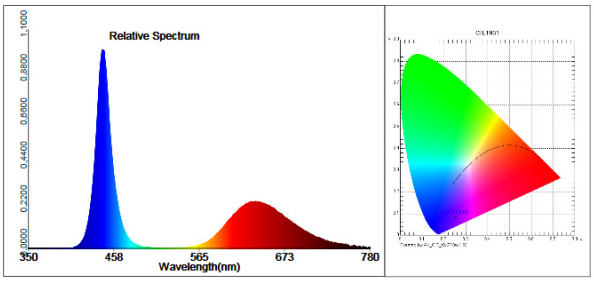
Photo Parameters:

Flux = 62.86 lm Eff. : 14.59 lm/W Fe = 905.6 mW
Scotopic:350.97 S/P:5.5838
Photosynthetic:PPF:3.6735umol/s PAR WATT:812.73mW(400-700nm)

Electrical parameters:

V = 4.9995 V I = 0.8615 A P = 4.307 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 510 ms Ip = 49344 (75%)



Test parameter:

E= 4184.2 lx E(fc)=388.863 fc

CIE x= 0.2531 CIE y= 0.0822 CIE u'=0.2909 CIE v'=0.2127
Tc=100000 K Lp=448.0 nm HW=20.9 nm Ld=380.0 nm
Pur=72.2 % Ratio_R=59.0 % Ratio_G=18.9 % Ratio_B=22.1 %
Duv=-0.16608

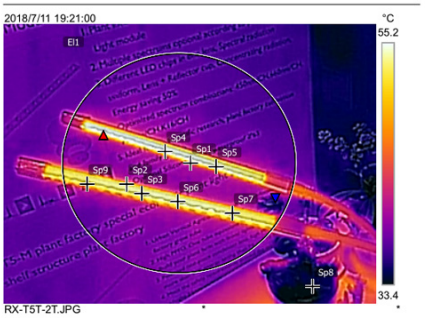
Ra=-134.8 R1=-142 R2=-207 R3=-242
R4=-31 R5=-119 R6=-208 R7=-48
R8=-81 R9=-587 R10=-583 R11=-50
R12=-338 R13=-198 R14=-56 R15=-245

SDCM=98.0(F5000)
White Class:OUT

E1=54.056 W/m2 E2=59.12 W/m2 PPFD=242.27 μmol/(m·s)
Ech-A=8.8809 W/m2 Ech-B=25.734 W/m2 Ef=5.0769 W/m2
Eb=30.36 W/m2 Ey=1.57 W/m2 Er=22.136 W/m2
Ep=45.006 Wphyto/m2 Erb_Ratio=0.72912
PPFDf=3.0043E+001 μmol/(m2·s)

Measurements		°C
El1	Max	55.6
	Min	33.9
	Average	37.2
Sp1		47.7
Sp2		51.3
Sp3		54.1
Sp4		55.2
Sp5		54.2
Sp6		54.3
Sp7		53.8
Sp8		33.5
Sp9		50.7

Parameters	
Emissivity	0.95
Refl. temp.	20 °C



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