

Description:

RX-GW-D60-3T LED Grow Light bulbs, The Three Head Bulbs with 360-degree flexible neck and clamp is easy to adjust and place anywhere. 3 independent switches, can be conveniently controlled the house plant lamp depending on your needs and quickly serve your plants. The preferred plant growth special lighting spectrum. Suitable for indoor use, starting seedlings, potted plants foliage plants, flowering plants, succulent and Venus flytrap (*Dionaea muscipula*) plants.



1. Three Head Bulbs Gooseneck 360-degree easy to adjust and place anywhere.
2. 21W High Power, High PPFD > 400umol @0.25m (onebulbs)
3. UL, CE, PSE certified power supply, no electric shock risk, safer
4. Dimming: adjust the brightness of led growth lamp depend on the plant growth at different time.
5. Bulb Lamp input voltage: DC24V, power supply input AC100 ~240V
6. The preferred plant light spectrum, Customize the spectrum you need (for specialized companies only)
7. Lifespan: 25000hours, Warranty: 2 years
8. CE RoHS FCC

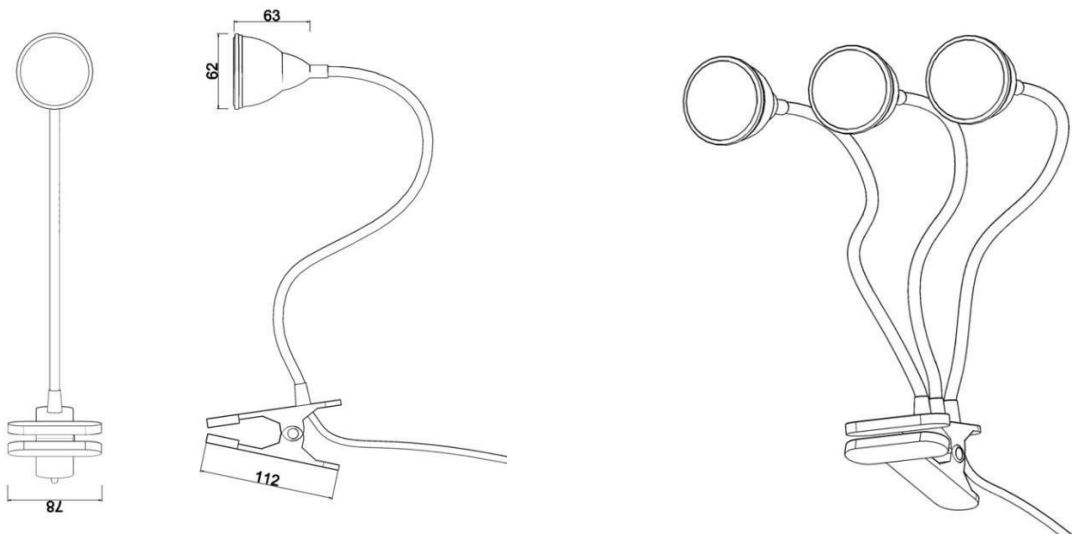
| Model | Dimension | LED QTY Peak Wavelength | Photon PPFD μmol/m ² /s | Luminous flux Radiation Power | Power Input DC24V | Comment |
|--------------|---|-------------------------------|---------------------------------------|----------------------------------|-------------------------|---|
| RX-GW-D60-3T | Bulb Ø62mm H63mm Gooseneck 380mm Cable 2.2m | K15B2 | 469μmol @0.25m 9896Lx | Flux 301Lm Fe 3.7W | 20W AC 230V | Succulents plants rhizome growth |
| | | | 307μmol @0.3m 6511Lx | | | |
| | | | 116μmol @0.5m 2455Lx | | | |
| RX-GW-D60-3T | Gooseneck 380mm Cable 2.2m | K6 | 533μmol @0.2m 24780Lx | Flux 1093Lm Fe 5.2W | 21W AC 230V | High CRI Ra 86 Strawberry, Flower Pot, Venus flytrap plants, Ornamental Plants |
| | | | 240μmol @0.3m 11183Lx | | | |
| | | | 93μmol @0.5m 4366Lx | | | |

Surface temperature rise Tc 32 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: 35°, Recommended irradiation distance: 0.25~0.5m

Clip Maximum opening: 5cm; Gooseneck Length: 38cm; Cable Length: 1+1.2m

Dimension:



Koray LED Grow Light Bulbs - High-voltage insulation test is safe and reliable

UL CE PSE Certified Power Supply
 High-voltage insulation test is safe and reliable



UL CE PSE Certified Power Supply
 Pass Hi-Pot Test

Cannot pass High voltage insulation testing
Risk of electric shock

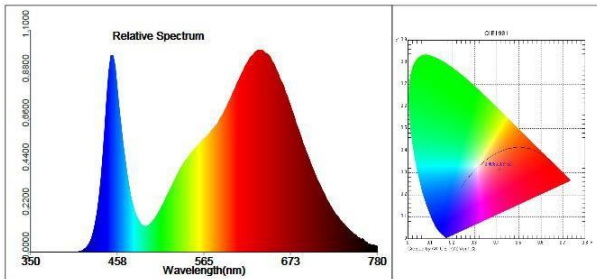


PK

Cannot pass High voltage insulation testing
 Risk of electric shock

Effectivity : Dedicated plant spectrum, Practical application and testing.

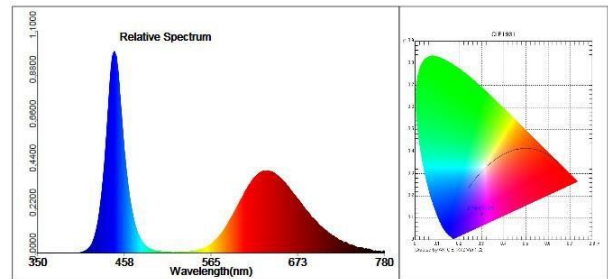
Koray RX-GW-D60-3T testing report



Test parameter:

| | | | |
|---|-------------------|------------------------|---------------|
| E= 11183.5 lx | E(fc)=1039.36 fc | | |
| CIE x= 0.4086 | CIE y= 0.3152 | CIE u'=0.2740 | CIE v'=0.4756 |
| Tc=2661 K | Lp=646.0 nm | HW=146.6 nm | Ld=700.0 nm |
| Pur=19.0 % | Ratio_R=29.7 % | Ratio_G=65.9 % | Ratio_B=4.3 % |
| Duv=-0.03634 | | | |
| Ra=96.7 | R1= 90 | R2= 83 | R3= 86 |
| R4= 87 | R5= 90 | R6= 77 | R7= 84 |
| R8= 96 | R9= 76 | R10= 72 | R11= 81 |
| R12= 48 | R13= 86 | R14= 95 | R15= 81 |
| SDCM=35.8(2700K/ELR) White Class:OUT | | | |
| E1=48.753 W/m2 | E2=55.396 W/m2 | PPFD=239.93 µmol/(m·s) | |
| Ech-A=5.8111 W/m2 | Ech-B=6.9789 W/m2 | Ef=6.602 W/m2 | |
| Eb=9.6391 W/m2 | Ey=12.77 W/m2 | Er=26.369 W/m2 | |
| Ep=43.662 Wphyto/m2 | Erb_Ratio=2.7357 | | |
| PPFDf=3.9135E+001 µmol/(m2·s) | | | |

K6 0.3m PPFD One Head Bulbs



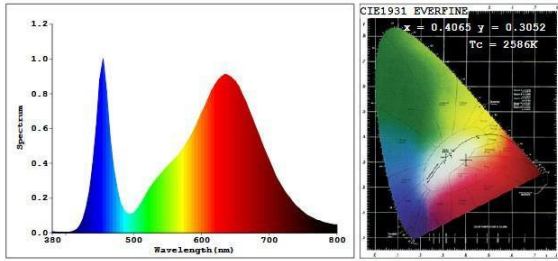
Test parameter:

| | | | |
|-------------------------------------|-------------------|------------------------|----------------|
| E= 6511.7 lx | E(fc)=605.178 fc | | |
| CIE x= 0.2999 | CIE y= 0.1171 | CIE u'=0.3153 | CIE v'=0.2770 |
| Tc=100000 K | Lp=450.0 nm | HW=24.6 nm | Ld=380.0 nm |
| Pur=60.0 % | Ratio_R=59.4 % | Ratio_G=25.5 % | Ratio_B=15.1 % |
| Duv=-0.15726 | | | |
| Ra=77.7 | R1=-95 | R2=-114 | R3=-117 |
| R4=-22 | R5=-82 | R6=-115 | R7= 11 |
| R8=-87 | R9=-508 | R10=-364 | R11=-51 |
| R12=-193 | R13=-119 | R14= 0 | R15=-189 |
| SDCM=95.3(F5000) White Class:OUT | | | |
| E1=66.01 W/m2 | E2=73.053 W/m2 | PPFD=307.66 µmol/(m·s) | |
| Ech-A=7.8768 W/m2 | Ech-B=9.1365 W/m2 | Ef=7.0645 W/m2 | |
| Eb=29.65 W/m2 | Ey=3.2016 W/m2 | Er=33.177 W/m2 | |
| Ep=56.481 Wphyto/m2 | Erb_Ratio=1.1189 | | |
| PPFDf=4.1899E+001 µmol/(m2·s) | | | |

K15B2 0.3m PPFD One Head Bulbs

Luminous flux test and temperature test

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4065$ ($dx=-0.0629$) $y=0.3052$ ($dy=-0.1073$)
 Chromaticity Coordinate: $u'=0.2780$ $v'=0.4696$ ($duv=-1.12e-02$)
 Tc=2586K Dominant WL: $\lambda_d=700.0nm$ Purity=19.3% Centroid WL: 615.0nm
 Ratio: R=32.8% G=63.4% B=3.8% Peak WL: $\lambda_p=455.0nm$ HWL: 24.4nm
 Render Index: Ra=84.8
 R1 =90 R2 =82 R3 =85 R4 =88 R5 =88 R6 =73 R7 =80
 R8 =93 R9 =86 R10=70 R11=86 R12=45 R13=85 R14=95 R15=83

Photo Parameters:

Flux: 1092.6 lm Fe: 5.1782 W Efficacy: 50.99 lm/W
 WHITE:OUT

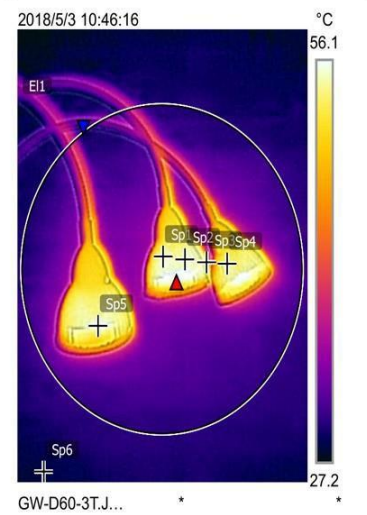
Electrical Parameters:

Luminaire: U=231.3V I=0.2306A P=21.43W PF=0.4017

Instrument Status:
 Scan Range: 380.0nm-800.0nm Interval: 5.0nm [0] Ip=13651 (G=3, D=56)
 REF=23349 (R=3) %=-0.022% PMT: 27.7 centigrade [29.0]

| Measurements | | °C |
|--------------|---------|------|
| EI1 | Max | 58.5 |
| | Min | 27.5 |
| | Average | 33.3 |
| Sp1 | | 54.8 |
| Sp2 | | 54.9 |
| Sp3 | | 53.9 |
| Sp4 | | 53.9 |
| Sp5 | | 55.6 |
| Sp6 | | 27.4 |

| Parameters | |
|-------------|-------|
| Emissivity | 0.95 |
| Refl. temp. | 20 °C |



K6 Luminous flux test

Temperature test

Way To Use: RX-GW-D60-3T 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 0.25 ~ 0.5 meters
3. Turn on the power and adjust the brightness according to the plant needs of different periods.
4. Suggest that plant light lasts for 4-8 hours per day, not more than 12 hours per day. Suggest that plants should retain enough water when they grow.

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.