

Lightsource Test Report

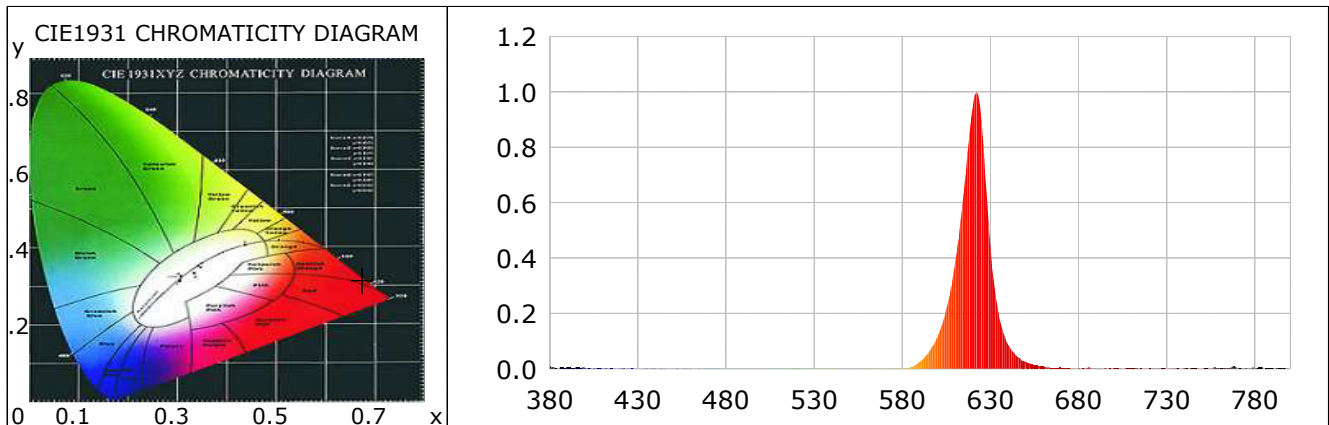
Product Information

Product Category: RGB+3000K 12W
 Product Number: 47

Product Type: 灌胶
 Manufacturer: hot

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6749$ $y=0.3180$ $u(u')=0.4939$ $v=0.3490$ $v'=0.5236$
 CCT: $T_c=1000K$ ($duv=-0.04606$) Color Ratio: $R=0.928$ $G=0.071$ $B=0.001$
 Peak Wavelength: 622nm Half Bandwidth: 16.8nm
 Dominant Wavelength: 615.8nm Color Purity: 0.979
 Color Render Index: $R_a=28.2$, $CRI=31.3$
 $R1=12$ $R2=80$ $R3=32$ $R4=0$ $R5=14$ $R6=88$ $R7=0$ $R8=0$
 $R9=0$ $R10=75$ $R11=5$ $R12=67$ $R13=34$ $R14=62$ $R15=0$



Photometric Parameters

Luminous Flux: 155.91 lm Efficiency: 51.97 lm/W Radiant Power: 0.608 W

Electric Parameters

Voltage: 24.00V Current: 0.1250A Power: 3.00W
 Power Factor: 0.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 2.00m, 4T
 Max of Signal: 44695 (5125) CCD Integration Time: 773.20 ms

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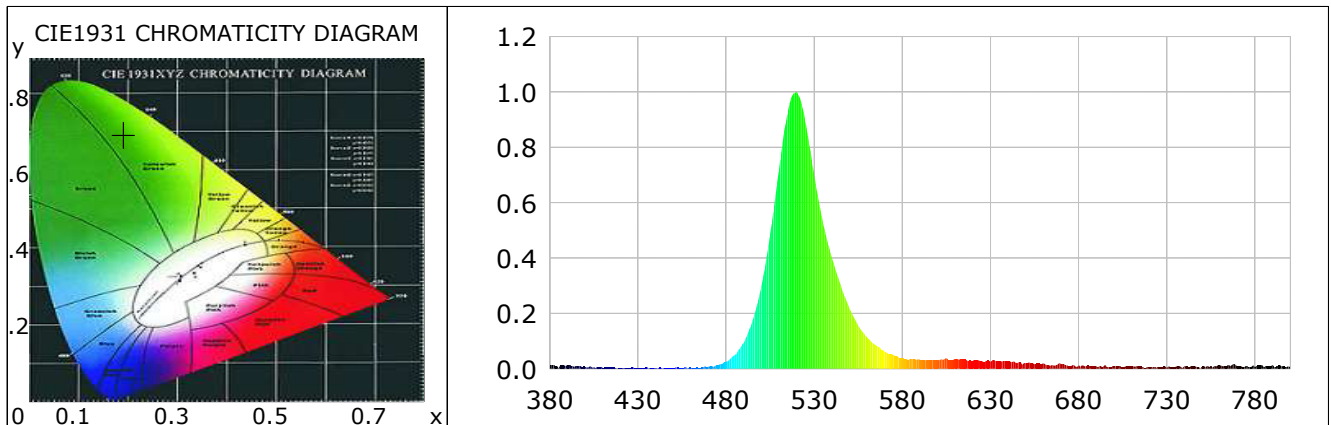
Product Information

Product Category: RGB+3000K 12W
Product Number: 46

Product Type: 灌胶
Manufacturer: hot

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1907$ $y=0.7000$ $u(u')=0.0692$ $v=0.3812$ $v'=0.5718$
 CCT: $T_c=7598K$ ($duv=0.14855$) Color Ratio: $R=0.021$ $G=0.958$ $B=0.021$
 Peak Wavelength: 520nm Half Bandwidth: 30.7nm
 Dominant Wavelength: 529.2nm Color Purity: 0.770
 Color Render Index: $R_a=0.9$, $CRI=3.1$
 $R1=0$ $R2=0$ $R3=0$ $R4=0$ $R5=7$ $R6=0$ $R7=0$ $R8=0$
 $R9=0$ $R10=0$ $R11=0$ $R12=0$ $R13=0$ $R14=40$ $R15=0$



Photometric Parameters

Luminous Flux: 237.18 lm Efficiency: 78.54 lm/W Radiant Power: 0.524 W

Electric Parameters

Voltage: 24.00V Current: 0.1260A Power: 3.02W
 Power Factor: 0.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 2.00m, 4T
 Max of Signal: 43710 (5290) CCD Integration Time: 1268.12 ms

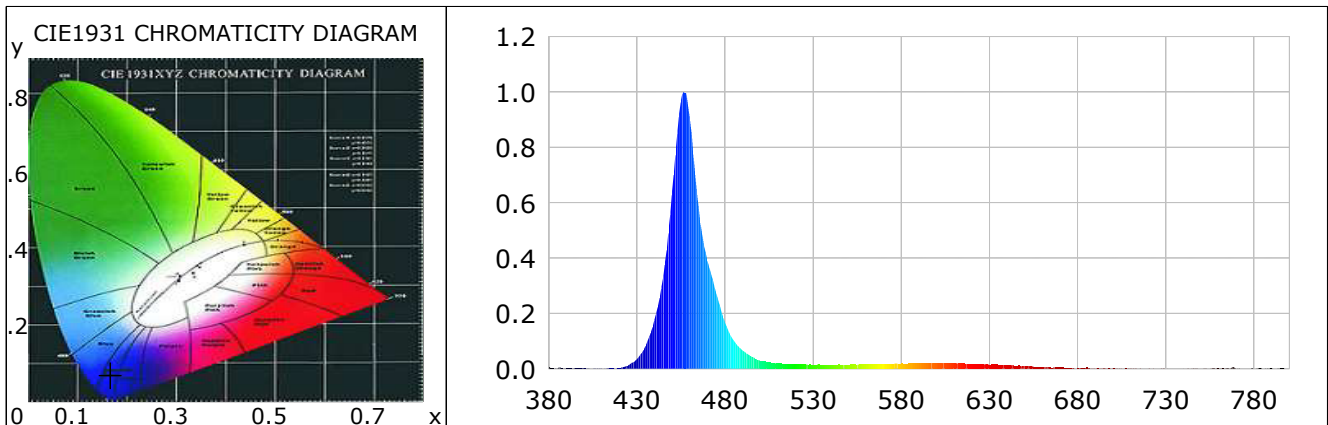
Lightsource Test Report

Product Information

Product Category: RGB+3000K 12W Product Type: 灌胶
 Product Number: 45 Manufacturer: hot

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1659$ $y=0.0687$ $u(u')=0.1901$ $v=0.1180$ $v'=0.1769$
 CCT: $T_c=100000K$ ($duv=-0.14828$) Color Ratio: $R=0.099$ $G=0.419$ $B=0.483$
 Peak Wavelength: 456nm Half Bandwidth: 18.7nm
 Dominant Wavelength: 468.1nm Color Purity: 0.877
 Color Render Index: $R_a=20.8$, $CRI=21.7$
 $R1=78$ $R2=0$ $R3=0$ $R4=0$ $R5=88$ $R6=0$ $R7=0$ $R8=0$
 $R9=84$ $R10=0$ $R11=0$ $R12=0$ $R13=21$ $R14=0$ $R15=54$



Photometric Parameters

Luminous Flux: 98.78 lm Efficiency: 33.48 lm/W Radiant Power: 1.183 W

Electric Parameters

Voltage: 24.00V Current: 0.1230A Power: 2.95W
 Power Factor: 0.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 2.00m, 4T
 Max of Signal: 45658 (4899) CCD Integration Time: 461.87 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2
 Test Time: 2023-10-17 16:51:15
 Inspector:

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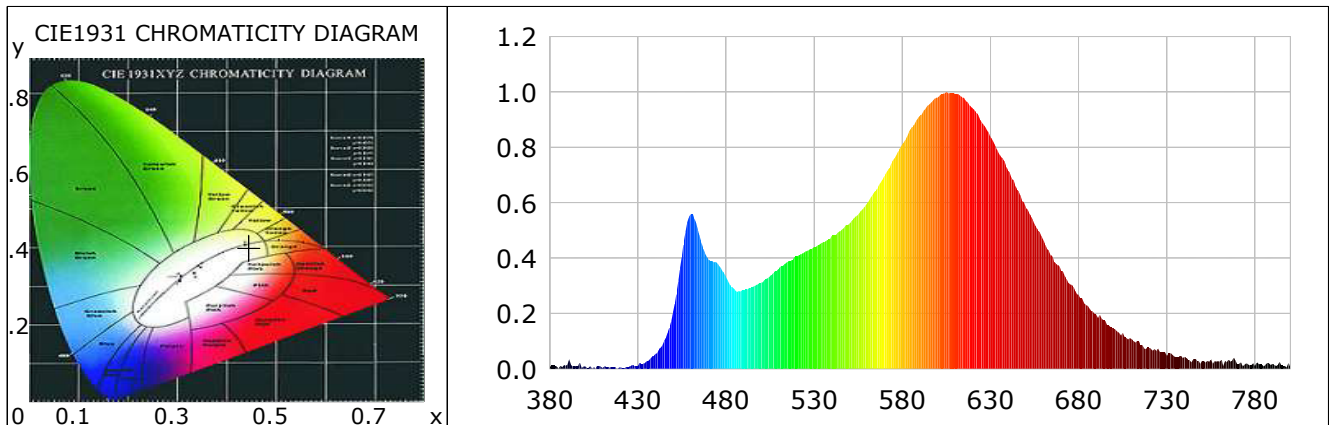
Product Information

Product Category: RGB+3000K 12W
 Product Number: 48

Product Type: 灌胶
 Manufacturer: hot

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4450$ $y=0.4026$ $u(u')=0.2564$ $v=0.3480$ $v'=0.5220$
 CCT: $T_c=2858K$ ($duv=-0.00157$) Color Ratio: $R=0.246$ $G=0.721$ $B=0.033$
 Peak Wavelength: 605nm Half Bandwidth: 111.8nm
 Dominant Wavelength: 584.0nm Color Purity: 0.544
 Color Render Index: $R_a=83.7$, $CRI=80.0$
 R1 =85 R2 =98 R3 =88 R4 =80 R5 =87 R6 =95 R7 =77 R8 =58
 R9 =15 R10=95 R11=81 R12=78 R13=89 R14=94 R15=77



Photometric Parameters

Luminous Flux: 302.20 lm Efficiency: 99.08 lm/W Radiant Power: 0.941 W

Electric Parameters

Voltage: 24.00V Current: 0.1270A Power: 3.05W
 Power Factor: 0.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 2.00m, 4T
 Max of Signal: 42979 (5640) CCD Integration Time: 2653.16 ms