杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Test Report

Product Infomation

Product Spec: 10w　　Product Number: 1

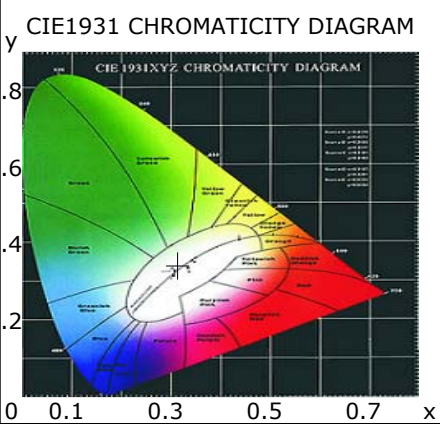
CIE Colorimetric Parameters

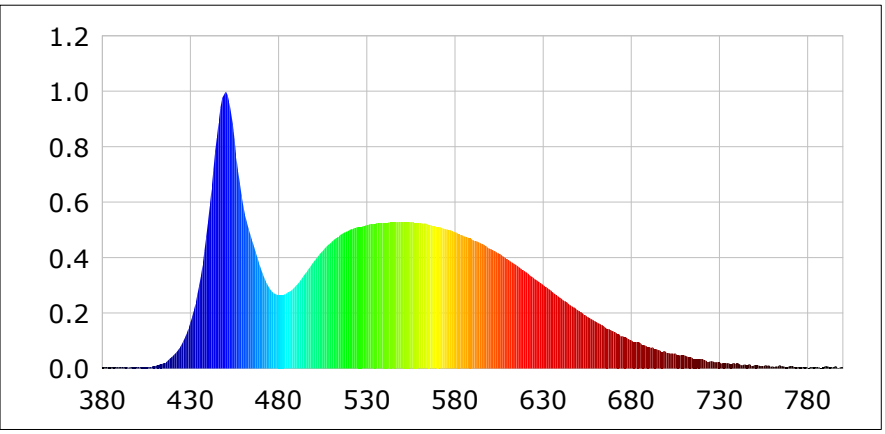
Chromaticity coordinates: x=0.3134 y=0.3416　u(u')=0.1937 v=0.3167 v'=0.4750
CCT: Tc=6384K (duv=0.00919)　　Color Ratio: R=0.129 G=0.817 B=0.054
Peak Wavelength: 450.0nm　　Half Bandwidth: 23.7nm
Dominant Wavelength: 497.1nm　　Color Purity: 0.063
CRI: Ra= 83.3　　TM30: Rf= 81, Rg= 93

R1 =81	R2 =83	R3 =84	R4 =88	R5 =82	R6 =77	R7 =92	R8 =78
R9 =18	R10=59	R11=87	R12=50	R13=81	R14=91	R15=78	

Color Quality Scale: Qa= 82.8, Qf= 82.9, Qp= 82.1, Qg= 90.4

Q1 =85	Q2 =98	Q3 =81	Q4 =73	Q5 =79	Q6 =81	Q7 =86	Q8 =91
Q9 =96	Q10=88	Q11=84	Q12=84	Q13=84	Q14=74	Q15=79	





Photometric Parameters

Luminous Flux: 902.98 lm　　Efficiency: 94.06 lm/W　　Radiant Power: 2.880 W
EEI: 0.14　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.10V　　Current: 0.0470A　　Power: 9.60W
Power Factor: 0.8930　　Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 25 Sec　　Photometric Condition: Sphere diameter: 1.00m, 4π
Max of Signal: 47272 (3113)　　CCD Integration Time: 1430.71 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2018-10-08 10:13:47
Operator:　　Inspector:

杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Test Report

Product Infomation

Product Spec: 20w　　Product Number: 2

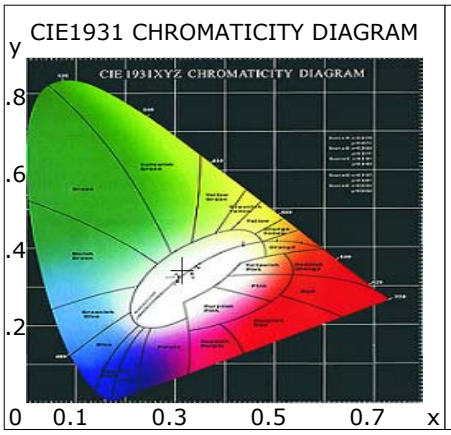
CIE Colorimetric Parameters

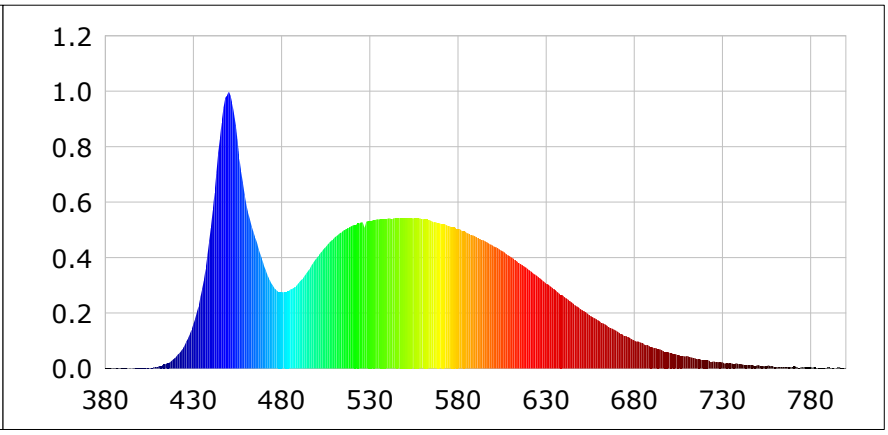
Chromaticity coordinates: x=0.3145 y=0.3452　u(u')=0.1932 v=0.3180 v'=0.4770
CCT: Tc=6312K (duv=0.01038)　　Color Ratio: R=0.128 G=0.818 B=0.054
Peak Wavelength: 450.0nm　　Half Bandwidth: 23.9nm
Dominant Wavelength: 511.0nm　　Color Purity: 0.058
CRI: Ra= 83.1　　TM30: Rf= 81, Rg= 93

R1 =81	R2 =83	R3 =84	R4 =88	R5 =81	R6 =77	R7 =93	R8 =77
R9 =15	R10=59	R11=86	R12=50	R13=81	R14=91	R15=77	

Color Quality Scale: Qa= 82.8, Qf= 83.1, Qp= 81.7, Qg= 89.8

Q1 =84	Q2 =98	Q3 =81	Q4 =74	Q5 =79	Q6 =80	Q7 =85	Q8 =91
Q9 =97	Q10=89	Q11=85	Q12=84	Q13=84	Q14=74	Q15=78	





Photometric Parameters

Luminous Flux: 2179.93 lm　　Efficiency: 102.83 lm/W　　Radiant Power: 6.887 W
EEI: 0.13　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.50V　　Current: 0.1030A　　Power: 21.20W
Power Factor: 0.8880　　Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 25 Sec　　Photometric Condition: Sphere diameter: 1.00m, 4π
Max of Signal: 45990 (2924)　　CCD Integration Time: 591.51 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2018-10-08 10:16:34
Operator:　　Inspector:

杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Test Report

Product Infomation

Product Spec: 30w　　Product Number: 3

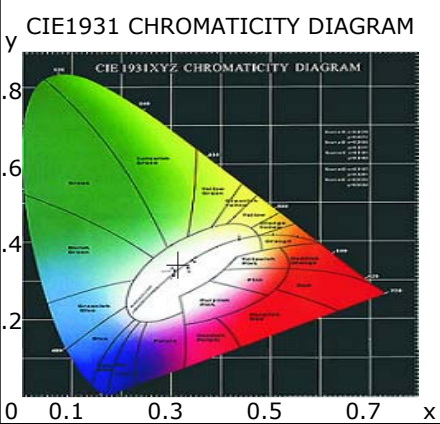
CIE Colorimetric Parameters

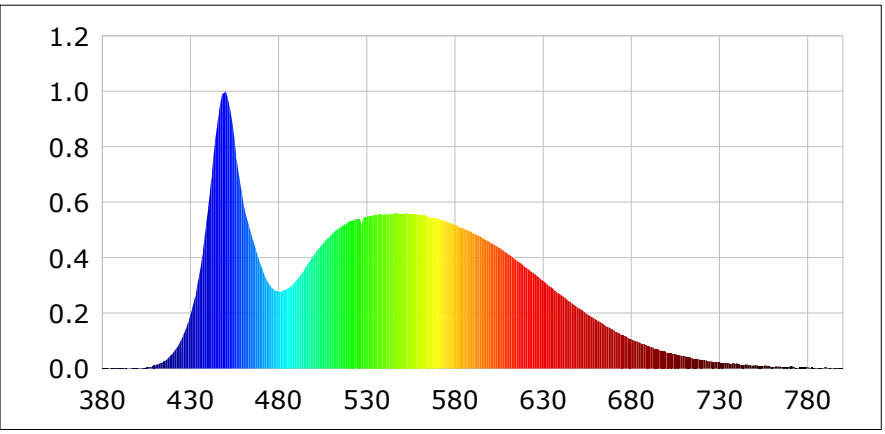
Chromaticity coordinates: x=0.3141 y=0.3437　u(u')=0.1934 v=0.3174 v'=0.4762
CCT: Tc=6340K (duv=0.00988)　　Color Ratio: R=0.128 G=0.818 B=0.054
Peak Wavelength: 449.7nm　　Half Bandwidth: 25.2nm
Dominant Wavelength: 498.8nm　　Color Purity: 0.060
CRI: Ra= 82.9　　TM30: Rf= 81, Rg= 94

R1 =81	R2 =83	R3 =84	R4 =88	R5 =82	R6 =77	R7 =92	R8 =78
R9 =15	R10=58	R11=87	R12=51	R13=81	R14=91	R15=77	

Color Quality Scale: Qa= 82.8, Qf= 83.0, Qp= 81.9, Qg= 90.1

Q1 =85	Q2 =98	Q3 =81	Q4 =74	Q5 =79	Q6 =81	Q7 =85	Q8 =91
Q9 =96	Q10=88	Q11=84	Q12=84	Q13=84	Q14=74	Q15=78	





Photometric Parameters

Luminous Flux: 2695.39 lm　　Efficiency: 94.24 lm/W　　Radiant Power: 8.547 W
EEI: 0.14　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.50V　　Current: 0.1370A　　Power: 28.60W
Power Factor: 0.9050　　Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 25 Sec　　Photometric Condition: Sphere diameter: 1.00m, 4π
Max of Signal: 52580 (2987)　　CCD Integration Time: 561.68 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2018-10-08 10:49:50
Operator:　　Inspector:

杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Test Report

Product Infomation

Product Spec: 50w　　Product Number: 4

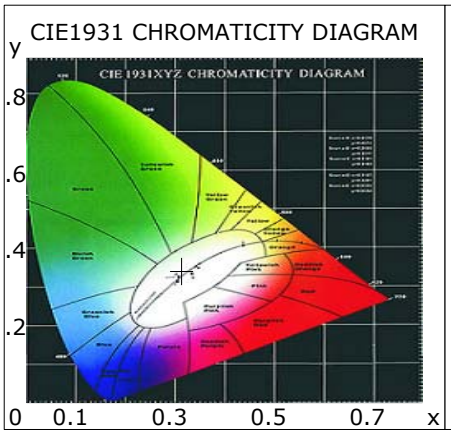
CIE Colorimetric Parameters

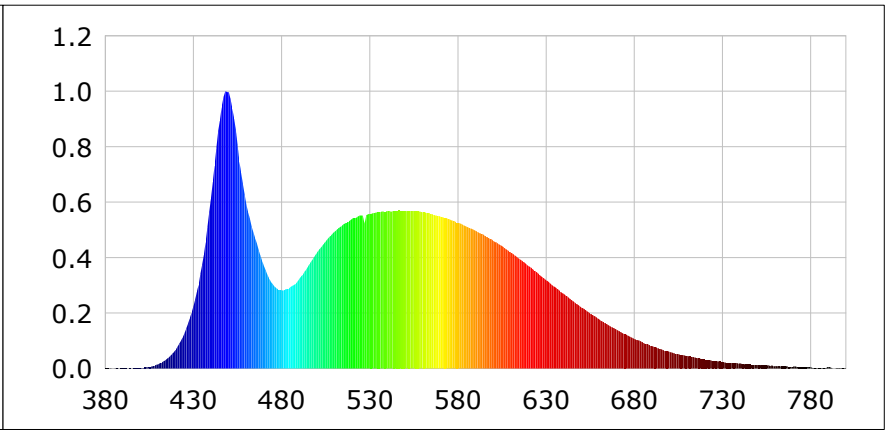
Chromaticity coordinates: x=0.3134 y=0.3429　u(u')=0.1932 v=0.3171 v'=0.4756
CCT: Tc=6376K (duv=0.00978)　　Color Ratio: R=0.128 G=0.819 B=0.053
Peak Wavelength: 448.4nm　　Half Bandwidth: 25.8nm
Dominant Wavelength: 498.0nm　　Color Purity: 0.062
CRI: Ra= 82.7　　TM30: Rf= 81, Rg= 94

R1 =81	R2 =82	R3 =83	R4 =88	R5 =82	R6 =76	R7 =91	R8 =78
R9 =15	R10=57	R11=87	R12=52	R13=80	R14=91	R15=77	

Color Quality Scale: Qa= 82.8, Qf= 83.0, Qp= 82.0, Qg= 90.3

Q1 =85	Q2 =98	Q3 =81	Q4 =74	Q5 =80	Q6 =81	Q7 =86	Q8 =91
Q9 =96	Q10=88	Q11=84	Q12=83	Q13=84	Q14=73	Q15=78	





Photometric Parameters

Luminous Flux: 4815.79 lm　　Efficiency: 95.55 lm/W　　Radiant Power: 15.319 W
EEI: 0.14　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.00V　　Current: 0.2280A　　Power: 50.40W
Power Factor: 0.9590　　Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 25 Sec　　Photometric Condition: Sphere diameter: 1.00m, 4Π
Max of Signal: 45659 (2725)　　CCD Integration Time: 276.35 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2018-10-08 10:24:19
Operator:　　Inspector:

杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Test Report

Product Infomation

Product Spec: 50w 感应　　Product Number: 5

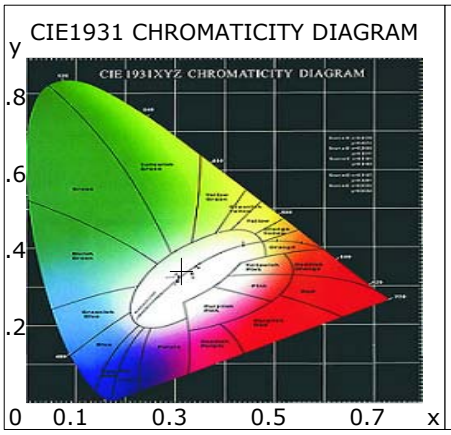
CIE Colorimetric Parameters

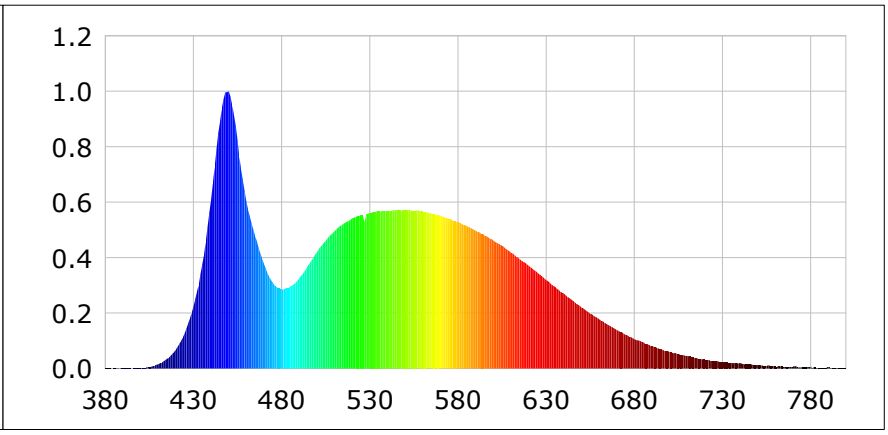
Chromaticity coordinates: x=0.3131 y=0.3429　u(u')=0.1931 v=0.3171 v'=0.4756
CCT: Tc=6390K (duv=0.00992)　　Color Ratio: R=0.127 G=0.819 B=0.054
Peak Wavelength: 449.6nm　　Half Bandwidth: 26.1nm
Dominant Wavelength: 497.9nm　　Color Purity: 0.063
CRI: Ra= 82.7　　TM30: Rf= 81, Rg= 93

R1 =81	R2 =82	R3 =83	R4 =88	R5 =82	R6 =77	R7 =92	R8 =77
R9 =15	R10=57	R11=87	R12=52	R13=80	R14=91	R15=77	

Color Quality Scale: Qa= 82.8, Qf= 83.0, Qp= 82.0, Qg= 90.2

Q1 =85	Q2 =98	Q3 =81	Q4 =74	Q5 =79	Q6 =81	Q7 =85	Q8 =91
Q9 =96	Q10=88	Q11=84	Q12=84	Q13=84	Q14=73	Q15=78	





Photometric Parameters

Luminous Flux: 4724.97 lm　　Efficiency: 93.01 lm/W　　Radiant Power: 15.027 W
EEI: 0.15　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.00V　　Current: 0.2340A　　Power: 50.80W
Power Factor: 0.9450　　Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 25 Sec　　Photometric Condition: Sphere diameter: 1.00m, 4Π
Max of Signal: 46896 (2807)　　CCD Integration Time: 290.52 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2018-10-08 10:53:49
Operator:　　Inspector:

杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Test Report

Product Infomation

Product Spec: 100w　　Product Number: 6

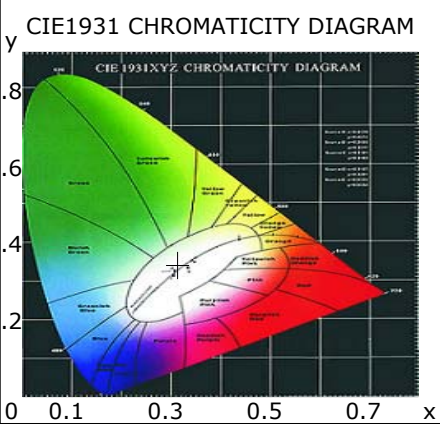
CIE Colorimetric Parameters

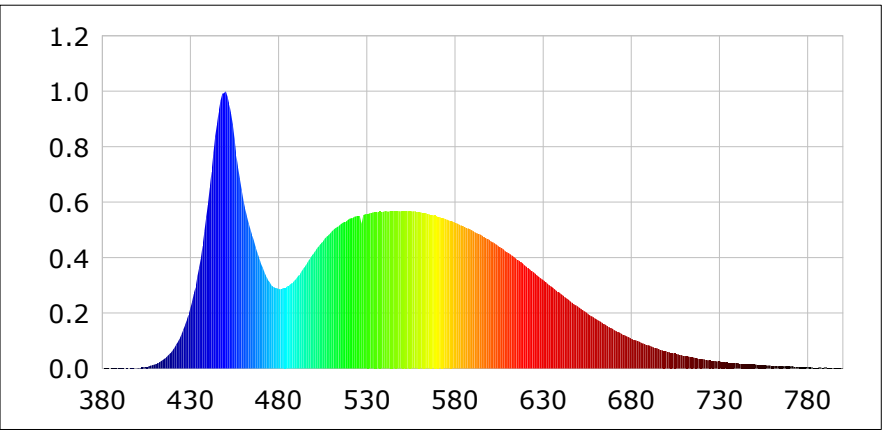
Chromaticity coordinates: x=0.3133 y=0.3428　u(u')=0.1932 v=0.3171 v'=0.4756
CCT: Tc=6382K (duv=0.00984)　　Color Ratio: R=0.128 G=0.819 B=0.054
Peak Wavelength: 449.7nm　　Half Bandwidth: 26.0nm
Dominant Wavelength: 497.9nm　　Color Purity: 0.063
CRI: Ra= 82.8　　TM30: Rf= 81, Rg= 93

R1 =81	R2 =83	R3 =84	R4 =88	R5 =82	R6 =77	R7 =92	R8 =78
R9 =15	R10=58	R11=87	R12=52	R13=80	R14=91	R15=77	

Color Quality Scale: Qa= 82.8, Qf= 83.0, Qp= 82.0, Qg= 90.2

Q1 =85	Q2 =98	Q3 =81	Q4 =74	Q5 =79	Q6 =81	Q7 =85	Q8 =91
Q9 =96	Q10=88	Q11=84	Q12=84	Q13=84	Q14=74	Q15=78	





Photometric Parameters

Luminous Flux: 8964.64 lm　　Efficiency: 89.29 lm/W　　Radiant Power: 28.558 W
EEI: 0.15　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.30V　　Current: 0.4550A　　Power: 100.40W
Power Factor: 0.9570　　Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 25 Sec　　Photometric Condition: Sphere diameter: 1.00m, 4π
Max of Signal: 46298 (2662)　　CCD Integration Time: 151.05 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2018-10-08 10:56:35
Operator:　　Inspector: