佛山市睿锋照明有限公司
https://www.rayvenlight.com/
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

Product Infomation

Product Number: 330

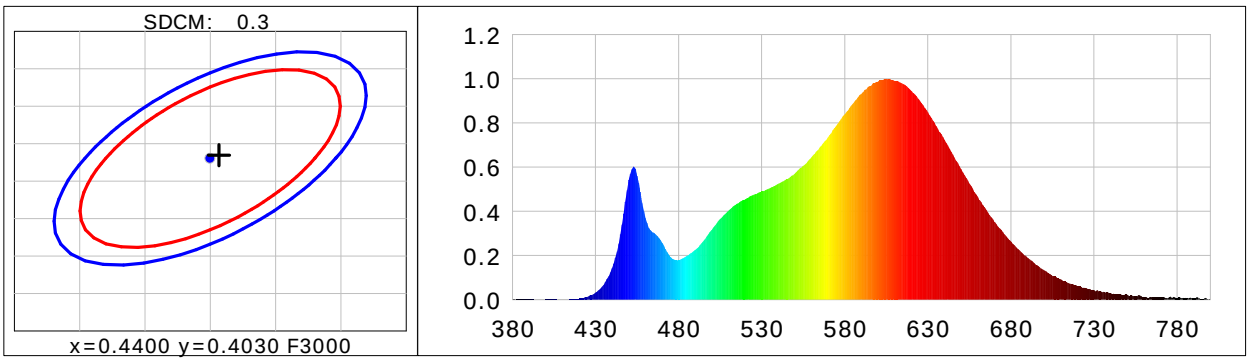
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4407 y=0.4034 u(u')=0.2533 v=0.3478 v'=0.5217
CCT: Tc=2933K (duv=-0.00074) Color Ratio: R=0.237 G=0.737 B=0.026
Peak Wavelength: 604.9nm Half Bandwidth: 124.0nm
Dominant Wavelength: 583.4nm Color Purity: 0.534
Central Wave: 595.3nm Gravity Wave: 598.5nm
CRI: Ra= 84.0 TM30: Rf= 85, Rg= 96
GAI: GAI_BB_8=95.5, GAI_BB_15=103.6, GAI_EES=53.0

R1 =83	R2 =93	R3 =95	R4 =83	R5 =84	R6 =92	R7 =82	R8 =60
R9 =12	R10=84	R11=83	R12=74	R13=86	R14=98	R15=75	

Color Quality Scale: Qa= 83.7, Qf= 85.4, Qp= 85.1, Qg= 91.8

Q1 =79	Q2 =94	Q3 =85	Q4 =81	Q5 =85	Q6 =86	Q7 =85	Q8 =87
Q9 =95	Q10=91	Q11=88	Q12=85	Q13=84	Q14=74	Q15=75	



Photometric Parameters

Luminous Flux: 2216.7 lm Efficiency: 130.01 lm/W Radiant Power: 6.719 W
Total mains efficacy: 152.89 lm/W Energy Efficiency Class: D (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.90V Current: 0.0800A Power: 17.05W
Power Factor: 0.9260 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 46328 (3286)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2Π
CCD Integration Time: 429.26 ms

Condition: Tx:29.1'C, Ti:27.6'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-04-24 09:21:43
Inspector:

佛山市睿锋照明有限公司
https://www.rayvenlight.com/
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

Product Infomation

Product Number: 331

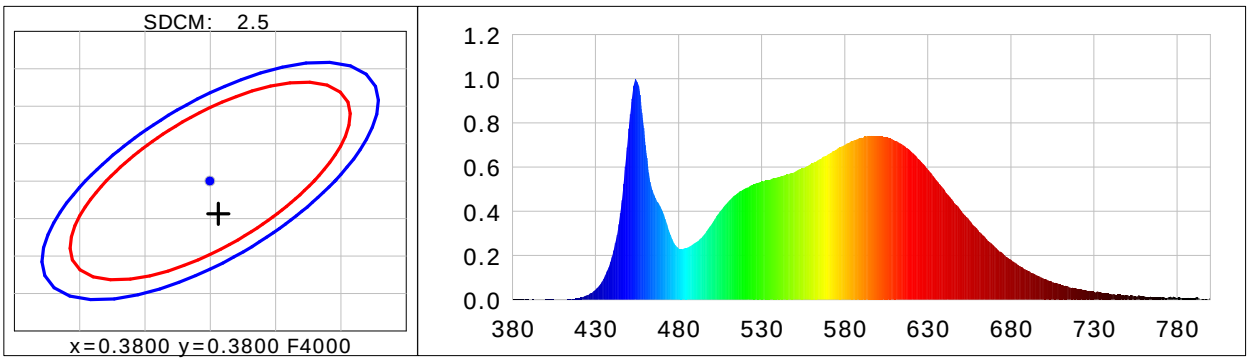
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3806 y=0.3756 u(u')=0.2257 v=0.3341 v'=0.5011
CCT: Tc=3987K (duv=-0.00059) Color Ratio: R=0.189 G=0.772 B=0.039
Peak Wavelength: 454.2nm Half Bandwidth: 17.3nm
Dominant Wavelength: 579.4nm Color Purity: 0.270
Central Wave: 455.3nm Gravity Wave: 454.9nm
CRI: Ra= 85.8 TM30: Rf= 84, Rg= 95
GAI: GAI_BB_8=93.5, GAI_BB_15=101.4, GAI_EES=73.6

R1 =85	R2 =93	R3 =96	R4 =84	R5 =85	R6 =89	R7 =86	R8 =68
R9 =21	R10=82	R11=84	R12=61	R13=88	R14=98	R15=80	

Color Quality Scale: Qa= 84.6, Qf= 84.7, Qp= 84.3, Qg= 93.2

Q1 =83	Q2 =97	Q3 =81	Q4 =77	Q5 =82	Q6 =85	Q7 =88	Q8 =90
Q9 =98	Q10=91	Q11=88	Q12=87	Q13=86	Q14=77	Q15=79	



Photometric Parameters

Luminous Flux: 2369.3 lm Efficiency: 143.42 lm/W Radiant Power: 7.273 W
Total mains efficacy: 168.66 lm/W Energy Efficiency Class: C (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.90V Current: 0.0780A Power: 16.52W
Power Factor: 0.9220 Frequency: 49.98Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 52571 (3307)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 364.87 ms

Condition: Tx:29.1'C, Ti:27.6'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-04-24 09:22:26
Inspector:

佛山市睿锋照明有限公司
https://www.rayvenlight.com/
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

Product Infomation

Product Number: 332

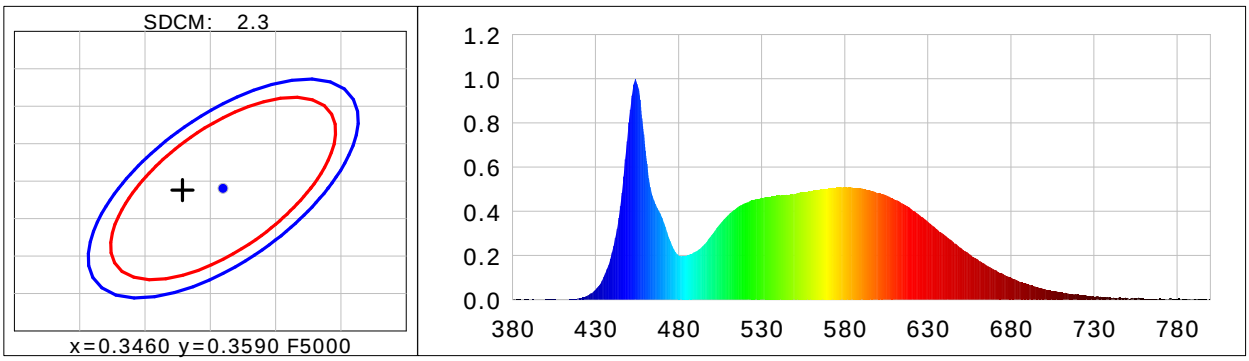
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3429 y=0.3588 u(u')=0.2072 v=0.3252 v'=0.4878
CCT: Tc=5106K (duv=0.00445) Color Ratio: R=0.154 G=0.800 B=0.046
Peak Wavelength: 454.0nm Half Bandwidth: 17.1nm
Dominant Wavelength: 567.2nm Color Purity: 0.106
Central Wave: 454.7nm Gravity Wave: 454.5nm
CRI: Ra= 82.9 TM30: Rf= 83, Rg= 94
GAI: GAI_BB_8=89.9, GAI_BB_15=96.7, GAI_EES=79.9

R1 =81	R2 =89	R3 =93	R4 =81	R5 =81	R6 =84	R7 =87	R8 =67
R9 =7	R10=73	R11=80	R12=55	R13=84	R14=97	R15=76	

Color Quality Scale: Qa= 81.4, Qf= 81.6, Qp= 81.0, Qg= 91.4

Q1 =82	Q2 =98	Q3 =78	Q4 =72	Q5 =78	Q6 =81	Q7 =85	Q8 =89
Q9 =97	Q10=88	Q11=84	Q12=83	Q13=83	Q14=72	Q15=76	



Photometric Parameters

Luminous Flux: 2382.3 lm Efficiency: 141.97 lm/W Radiant Power: 7.272 W
Total mains efficacy: 166.96 lm/W Energy Efficiency Class: C (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.90V Current: 0.0790A Power: 16.78W
Power Factor: 0.9240 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 46265 (3145)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 244.27 ms

Condition: Tx:29.1'C, Ti:27.6'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-04-24 09:22:45
Inspector:

佛山市睿锋照明有限公司
https://www.rayvenlight.com/
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

Product Infomation

Product Number: 333

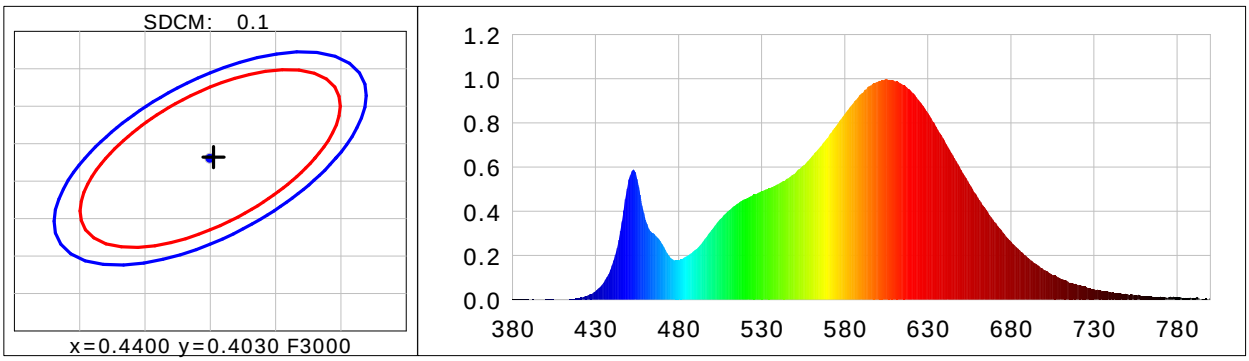
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4403 y=0.4032 u(u')=0.2531 v=0.3477 v'=0.5215
CCT: Tc=2938K (duv=-0.00079) Color Ratio: R=0.236 G=0.738 B=0.026
Peak Wavelength: 604.9nm Half Bandwidth: 124.5nm
Dominant Wavelength: 583.4nm Color Purity: 0.532
Central Wave: 594.9nm Gravity Wave: 598.3nm
CRI: Ra= 83.9 TM30: Rf= 85, Rg= 96
GAI: GAI_BB_8=95.7, GAI_BB_15=103.6, GAI_EES=53.3

R1 =83	R2 =93	R3 =96	R4 =83	R5 =84	R6 =92	R7 =82	R8 =60
R9 =12	R10=84	R11=83	R12=74	R13=85	R14=98	R15=75	

Color Quality Scale: Qa= 83.6, Qf= 85.2, Qp= 85.1, Qg= 91.9

Q1 =79	Q2 =95	Q3 =84	Q4 =81	Q5 =85	Q6 =86	Q7 =85	Q8 =87
Q9 =95	Q10=91	Q11=88	Q12=85	Q13=84	Q14=73	Q15=75	



Photometric Parameters

Luminous Flux: 3002.4 lm Efficiency: 127.17 lm/W Radiant Power: 9.122 W
Total mains efficacy: 149.55 lm/W Energy Efficiency Class: D (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 231.10V Current: 0.1070A Power: 23.61W
Power Factor: 0.9520 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 45542 (3228)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 311.94 ms

Condition: Tx:29.1'C, Ti:27.6'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-04-24 09:23:05
Inspector:

佛山市睿锋照明有限公司
https://www.rayvenlight.com/
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

Product Infomation

Product Number: 334

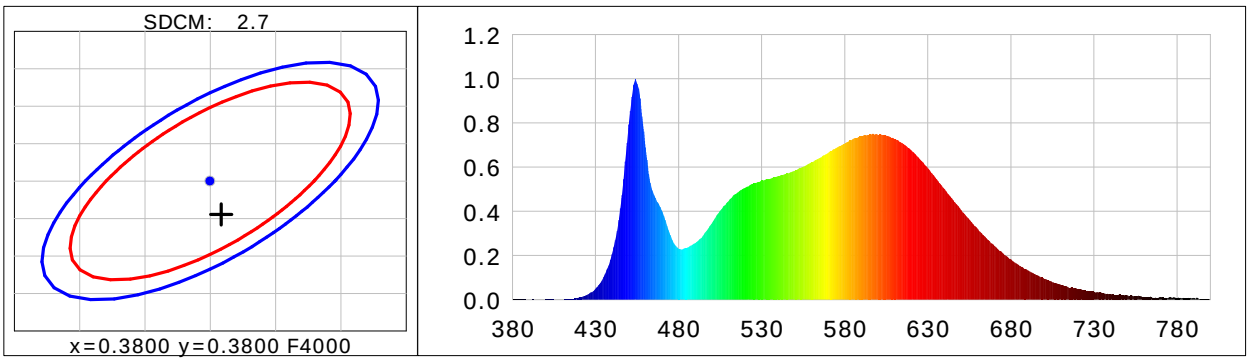
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3808 y=0.3755 u(u')=0.2259 v=0.3341 v'=0.5011
CCT: Tc=3981K (duv=-0.00069) Color Ratio: R=0.189 G=0.772 B=0.038
Peak Wavelength: 454.1nm Half Bandwidth: 17.6nm
Dominant Wavelength: 579.5nm Color Purity: 0.270
Central Wave: 455.1nm Gravity Wave: 454.8nm
CRI: Ra= 85.7 TM30: Rf= 84, Rg= 95
GAI: GAI_BB_8=93.8, GAI_BB_15=101.5, GAI_EES=73.7

R1 =85	R2 =93	R3 =96	R4 =84	R5 =85	R6 =89	R7 =86	R8 =68
R9 =21	R10=81	R11=84	R12=62	R13=87	R14=98	R15=80	

Color Quality Scale: Qa= 84.5, Qf= 84.6, Qp= 84.3, Qg= 93.3

Q1 =83	Q2 =98	Q3 =81	Q4 =77	Q5 =82	Q6 =85	Q7 =88	Q8 =90
Q9 =98	Q10=91	Q11=88	Q12=87	Q13=86	Q14=77	Q15=79	



Photometric Parameters

Luminous Flux: 3228.7 lm Efficiency: 141.42 lm/W Radiant Power: 9.904 W
Total mains efficacy: 166.31 lm/W Energy Efficiency Class: C (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 231.00V Current: 0.1040A Power: 22.83W
Power Factor: 0.9500 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 51475 (3213)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 265.14 ms

Condition: Tx:29.1'C, Ti:27.6'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-04-24 09:23:23
Inspector:

佛山市睿锋照明有限公司
https://www.rayvenlight.com/
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

Product Infomation

Product Number: 335

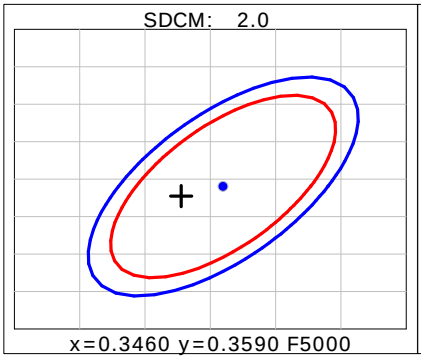
CIE Colorimetric Parameters

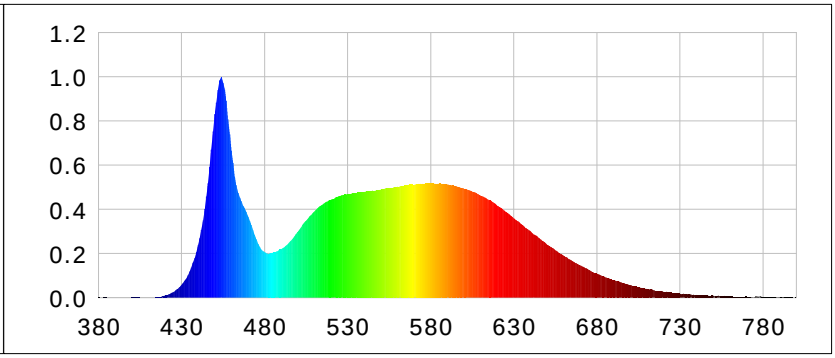
Chromaticity coordinates: x=0.3428 y=0.3577 u(u')=0.2075 v=0.3249 v'=0.4873
CCT: Tc=5108K (duv=0.00397) Color Ratio: R=0.154 G=0.800 B=0.046
Peak Wavelength: 453.9nm Half Bandwidth: 17.6nm
Dominant Wavelength: 567.5nm Color Purity: 0.102
Central Wave: 454.5nm Gravity Wave: 454.3nm
CRI: Ra= 83.2 TM30: Rf= 83, Rg= 94
GAI: GAI_BB_8=90.6, GAI_BB_15=97.3, GAI_EES=80.6

R1 =81	R2 =89	R3 =93	R4 =82	R5 =81	R6 =84	R7 =87	R8 =67
R9 =9	R10=73	R11=81	R12=56	R13=84	R14=96	R15=76	

Color Quality Scale: Qa= 81.6, Qf= 81.7, Qp= 81.3, Qg= 91.9

Q1 =82	Q2 =98	Q3 =77	Q4 =73	Q5 =78	Q6 =81	Q7 =85	Q8 =89
Q9 =97	Q10=88	Q11=84	Q12=83	Q13=83	Q14=72	Q15=76	





Photometric Parameters

Luminous Flux: 3235.5 lm Efficiency: 138.56 lm/W Radiant Power: 9.950 W
Total mains efficacy: 162.95 lm/W Energy Efficiency Class: C (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 231.00V Current: 0.1060A Power: 23.35W
Power Factor: 0.9510 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 45887 (3116)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 181.47 ms

Condition: Tx:29.3'C, Ti:27.6'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-04-24 09:36:33
Inspector: