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: 373

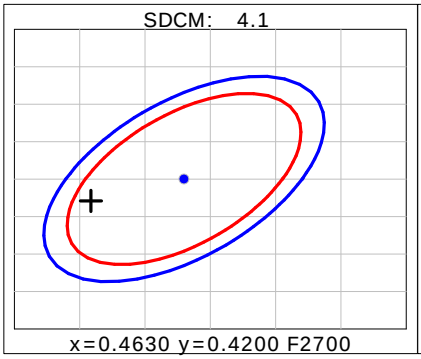
CIE Colorimetric Parameters

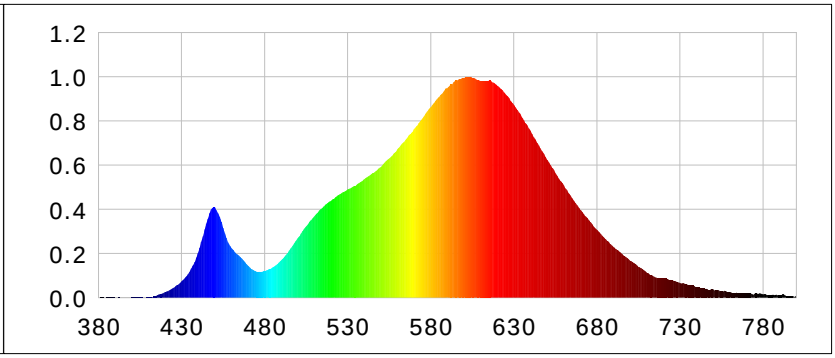
Chromaticity coordinates: x=0.4559 y=0.4171 u(u')=0.2571 v=0.3528 v'=0.5292
CCT: Tc=2807K (duv=0.00275) Color Ratio: R=0.238 G=0.743 B=0.019
Peak Wavelength: 603.8nm Half Bandwidth: 128.2nm
Dominant Wavelength: 582.8nm Color Purity: 0.620
Central Wave: 596.7nm Gravity Wave: 599.1nm
CRI: Ra= 81.4 TM30: Rf= 84, Rg= 96
GAI: GAI_BB_8=85.2, GAI_BB_15=92.1, GAI_EES=44.2

R1 =79	R2 =88	R3 =97	R4 =80	R5 =79	R6 =86	R7 =83	R8 =59
R9 =6	R10=73	R11=79	R12=66	R13=81	R14=98	R15=71	

Color Quality Scale: Qa= 82.0, Qf= 84.3, Qp= 82.3, Qg= 89.6

Q1 =77	Q2 =95	Q3 =83	Q4 =81	Q5 =82	Q6 =82	Q7 =82	Q8 =87
Q9 =96	Q10=89	Q11=87	Q12=84	Q13=83	Q14=71	Q15=73	





Photometric Parameters

Luminous Flux: 2775.0 lm Efficiency: 115.77 lm/W Radiant Power: 8.389 W
Total mains efficacy: 136.15 lm/W Energy Efficiency Class: D (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.70V Current: 0.1090A Power: 23.97W
Power Factor: 0.9490 Frequency: 49.98Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 47882 (3357)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 358.71 ms

Condition: Tx:29.5'C, Ti:26.0'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-04-22 10:07:42
Inspector:

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Lightsource Test Report

Product Infomation

Product Number: 376

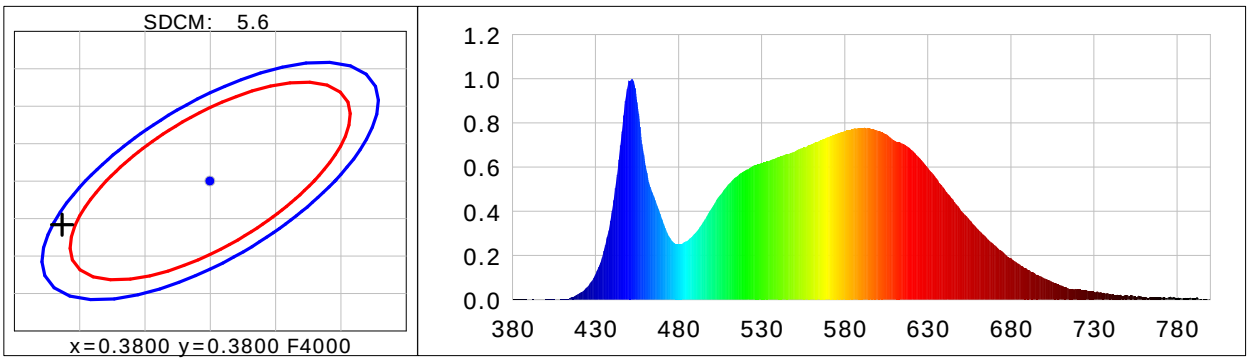
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3687 y=0.3742 u(u')=0.2184 v=0.3325 v'=0.4987
CCT: Tc=4319K (duv=0.00243) Color Ratio: R=0.173 G=0.788 B=0.039
Peak Wavelength: 451.9nm Half Bandwidth: 21.6nm
Dominant Wavelength: 576.3nm Color Purity: 0.229
Central Wave: 452.7nm Gravity Wave: 452.5nm
CRI: Ra= 83.9 TM30: Rf= 84, Rg= 95
GAI: GAI_BB_8=90.1, GAI_BB_15=96.8, GAI_EES=75.3

R1 =82	R2 =89	R3 =94	R4 =83	R5 =82	R6 =85	R7 =88	R8 =68
R9 =14	R10=74	R11=82	R12=59	R13=84	R14=97	R15=76	

Color Quality Scale: Qa= 83.8, Qf= 84.1, Qp= 83.4, Qg= 92.5

Q1 =83	Q2 =98	Q3 =80	Q4 =77	Q5 =82	Q6 =84	Q7 =86	Q8 =90
Q9 =98	Q10=90	Q11=87	Q12=86	Q13=85	Q14=74	Q15=78	



Photometric Parameters

Luminous Flux: 2871.2 lm Efficiency: 118.25 lm/W Radiant Power: 8.740 W
Total mains efficacy: 139.07 lm/W Energy Efficiency Class: D (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.70V Current: 0.1110A Power: 24.28W
Power Factor: 0.9510 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 49361 (3304)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 304.90 ms

Condition: Tx:29.5'C, Ti:26.1'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-04-22 10:08:45
Inspector:

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Lightsource Test Report

Product Infomation

Product Number: 377

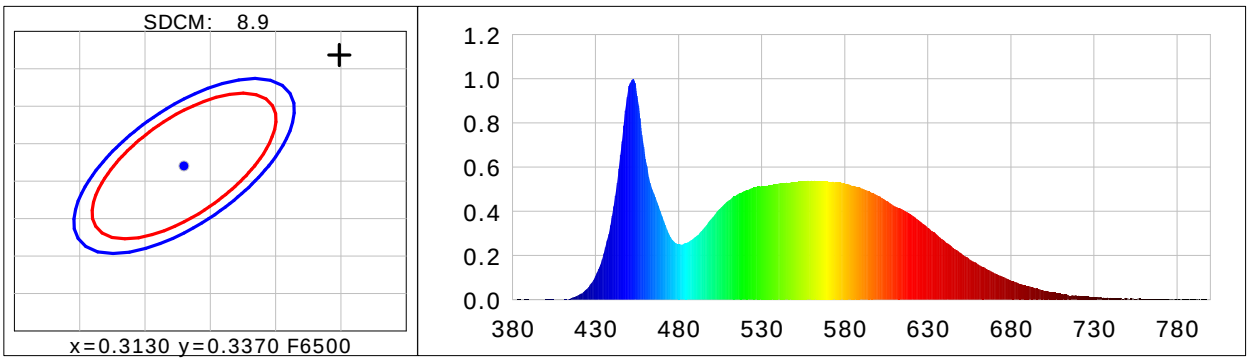
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3249 y=0.3518 u(u')=0.1977 v=0.3212 v'=0.4818
CCT: Tc=5822K (duv=0.00877) Color Ratio: R=0.135 G=0.814 B=0.051
Peak Wavelength: 452.7nm Half Bandwidth: 21.6nm
Dominant Wavelength: 524.3nm Color Purity: 0.037
Central Wave: 453.3nm Gravity Wave: 453.2nm
CRI: Ra= 81.1 TM30: Rf= 82, Rg= 93
GAI: GAI_BB_8=85.9, GAI_BB_15=92.0, GAI_EES=80.8

R1 =78	R2 =86	R3 =93	R4 =80	R5 =79	R6 =82	R7 =87	R8 =65
R9 =-5	R10=68	R11=78	R12=55	R13=80	R14=96	R15=72	

Color Quality Scale: Qa= 81.1, Qf= 81.5, Qp= 80.0, Qg= 89.5

Q1 =81	Q2 =98	Q3 =79	Q4 =74	Q5 =79	Q6 =80	Q7 =83	Q8 =89
Q9 =97	Q10=88	Q11=85	Q12=83	Q13=82	Q14=68	Q15=74	



Photometric Parameters

Luminous Flux: 2863.7 lm Efficiency: 117.41 lm/W Radiant Power: 8.776 W
Total mains efficacy: 138.08 lm/W Energy Efficiency Class: D (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.70V Current: 0.1110A Power: 24.39W
Power Factor: 0.9520 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 45721 (3169)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2π
CCD Integration Time: 209.64 ms

Condition: Tx:29.5'C, Ti:26.0'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-04-22 10:09:07
Inspector: