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: 180

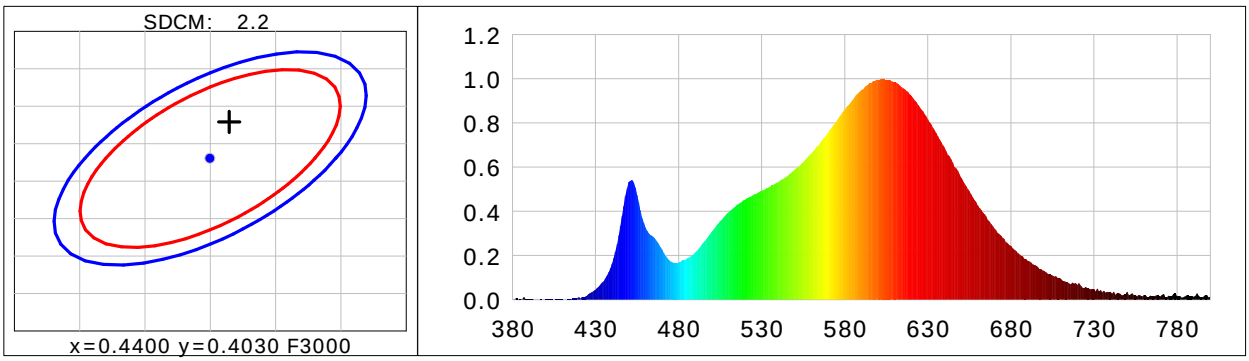
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4415 y=0.4079 u(u')=0.2518 v=0.3490 v'=0.5236
CCT: Tc=2956K (duv=0.00091) Color Ratio: R=0.231 G=0.745 B=0.024
Peak Wavelength: 602.2nm Half Bandwidth: 122.2nm
Dominant Wavelength: 582.7nm Color Purity: 0.550
Central Wave: 593.2nm Gravity Wave: 596.1nm
CRI: Ra= 81.7 TM30: Rf= 84, Rg= 95
GAI: GAI_BB_8=90.0, GAI_BB_15=98.2, GAI_EES=50.5

R1 =80	R2 =90	R3 =96	R4 =80	R5 =81	R6 =89	R7 =81	R8 =56
R9 =1	R10=79	R11=80	R12=69	R13=82	R14=99	R15=72	

Color Quality Scale: Qa= 82.1, Qf= 84.0, Qp= 82.5, Qg= 90.0

Q1 =77	Q2 =95	Q3 =83	Q4 =80	Q5 =83	Q6 =83	Q7 =83	Q8 =86
Q9 =95	Q10=90	Q11=87	Q12=84	Q13=82	Q14=70	Q15=73	



Photometric Parameters

Luminous Flux: 668.92 lm Efficiency: 135.14 lm/W Radiant Power: 1.989 W
Total mains efficacy: 158.92 lm/W Energy Efficiency Class: D (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.60V Current: 0.0290A Power: 4.95W
Power Factor: 0.7300 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 44334 (3762)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 1394.23 ms

Condition: Tx:28.8'C, Ti:27.4'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-05-29 14:22:09
Inspector:

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Lightsource Test Report

Product Infomation

Product Number: 181

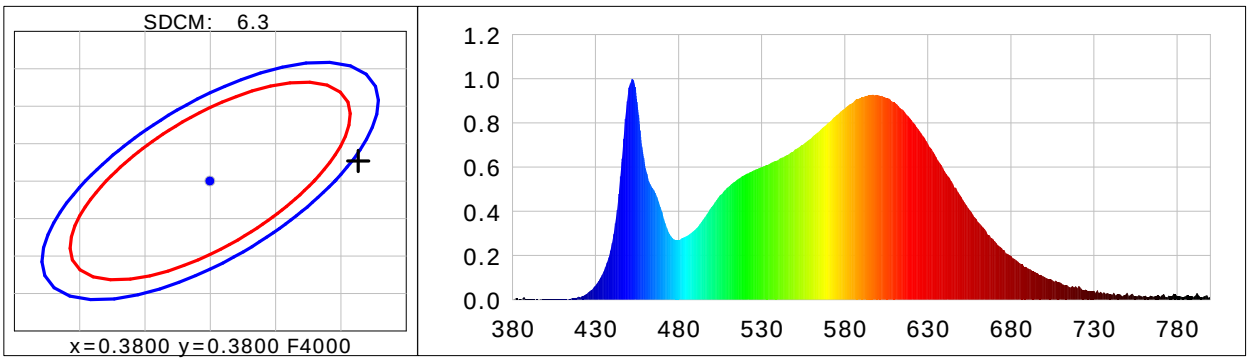
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3913 y=0.3827 u(u')=0.2299 v=0.3372 v'=0.5058
CCT: Tc=3762K (duv=-0.00027) Color Ratio: R=0.194 G=0.770 B=0.036
Peak Wavelength: 452.3nm Half Bandwidth: 20.5nm
Dominant Wavelength: 580.1nm Color Purity: 0.323
Central Wave: 454.5nm Gravity Wave: 453.7nm
CRI: Ra= 83.8 TM30: Rf= 84, Rg= 95
GAI: GAI_BB_8=92.4, GAI_BB_15=99.9, GAI_EES=69.1

R1 =83	R2 =92	R3 =96	R4 =82	R5 =83	R6 =89	R7 =84	R8 =63
R9 =9	R10=80	R11=82	R12=65	R13=85	R14=99	R15=76	

Color Quality Scale: Qa= 83.5, Qf= 83.8, Qp= 82.9, Qg= 92.2

Q1 =81	Q2 =97	Q3 =82	Q4 =78	Q5 =82	Q6 =84	Q7 =86	Q8 =89
Q9 =98	Q10=91	Q11=87	Q12=85	Q13=84	Q14=73	Q15=76	



Photometric Parameters

Luminous Flux: 695.96 lm Efficiency: 142.61 lm/W Radiant Power: 2.092 W
Total mains efficacy: 167.72 lm/W Energy Efficiency Class: C (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.60V Current: 0.0290A Power: 4.88W
Power Factor: 0.7400 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 49711 (3924)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 1394.23 ms

Condition: Tx:28.8'C, Ti:27.3'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-05-29 14:22:40
Inspector:

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Lightsource Test Report

Product Infomation

Product Number: 182

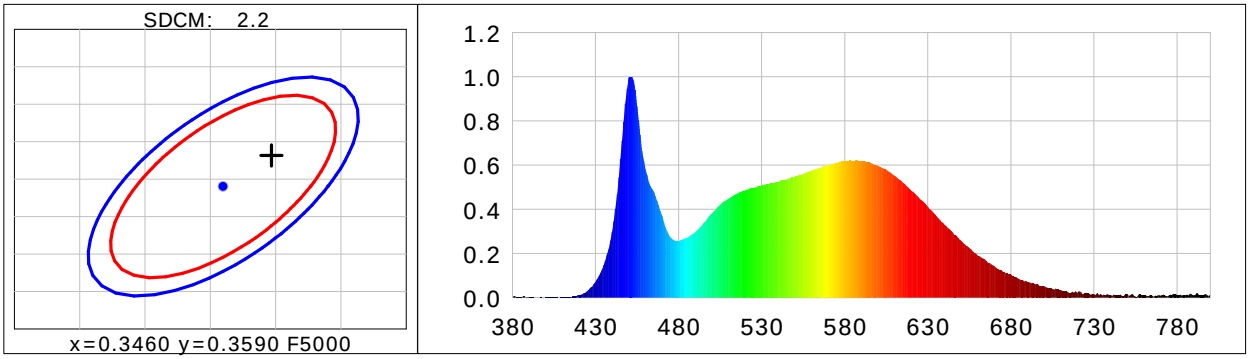
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3497 y=0.3632 u(u')=0.2101 v=0.3272 v'=0.4909
CCT: Tc=4875K (duv=0.00390) Color Ratio: R=0.157 G=0.797 B=0.046
Peak Wavelength: 451.5nm Half Bandwidth: 20.1nm
Dominant Wavelength: 571.0nm Color Purity: 0.139
Central Wave: 453.5nm Gravity Wave: 453.0nm
CRI: Ra= 82.1 TM30: Rf= 82, Rg= 92
GAI: GAI_BB_8=86.3, GAI_BB_15=93.5, GAI_EES=77.7

R1 =80	R2 =89	R3 =95	R4 =80	R5 =80	R6 =85	R7 =85	R8 =63
R9 =-2	R10=74	R11=79	R12=56	R13=82	R14=98	R15=73	

Color Quality Scale: Qa= 81.7, Qf= 82.2, Qp= 80.1, Qg= 89.5

Q1 =79	Q2 =97	Q3 =81	Q4 =75	Q5 =79	Q6 =81	Q7 =84	Q8 =89
Q9 =97	Q10=91	Q11=87	Q12=85	Q13=83	Q14=69	Q15=74	



Photometric Parameters

Luminous Flux: 735.98 lm Efficiency: 148.38 lm/W Radiant Power: 2.219 W
Total mains efficacy: 174.50 lm/W Energy Efficiency Class: C (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.70V Current: 0.0290A Power: 4.96W
Power Factor: 0.7320 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 45968 (3576)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 905.77 ms

Condition: Tx:28.8'C, Ti:27.1'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-05-29 14:23:31
Inspector: