Integrating Sphere Test Reports

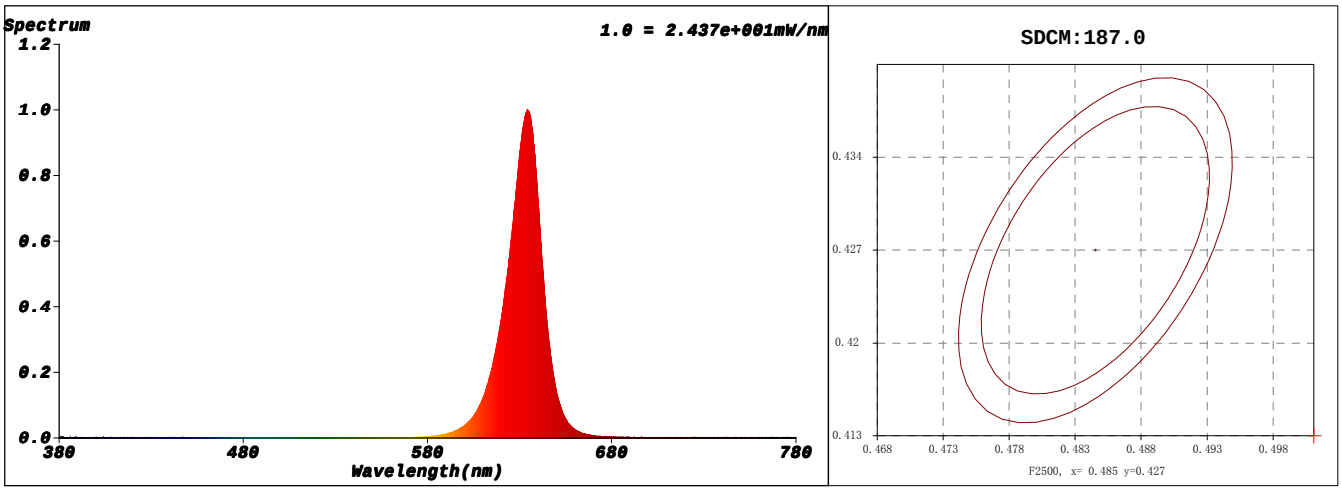
RGB2465K-5050-60-24V-5m-GP

Test Sample: 1000mm

Test Condition

Temprature	: 26.6Deg	RH	: 54%
WL Range	: 380nm-780nm	IP	: 51514 (79%)
Test Mode	: Fast Test	T	: 1907 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.6983 y = 0.3014 / u' = 0.5351 v' = 0.5196 (duv=-8.76e-02)

CCT= 1001K Prcp WL: Ld=623.8nm Purity=99.9%

Peak WL: Lp=634nm FWHM: =19.5nm Ratio:R=96.4% G=3.6% B=0.0%

Render Index: Ra = 27.1

R1 =7	R2 =78	R3 =32	R4 =0	R5 =3	R6 =88	R7 =9	
R8 =0	R9 =0	R10=72	R11=0	R12=80	R13=30	R14=60	R15=0

Photometric & Radiometric Parameters

Flux = 101.23 lm Eff. : 27.64 lm/W Fe = 562.67 mW (EQE):187.43%

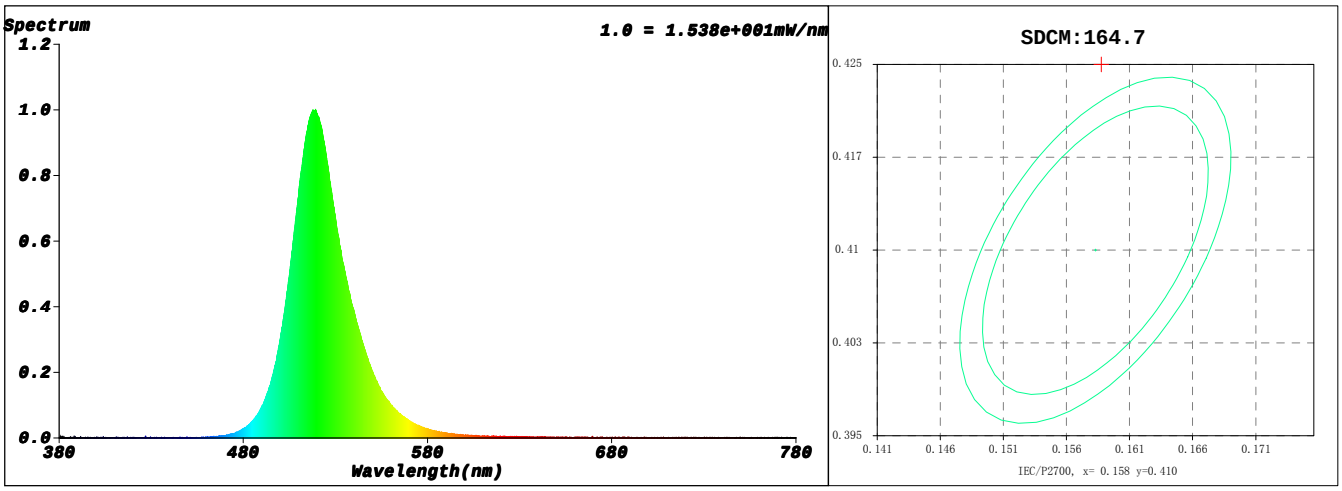
Electrical parameters

V = 24.00 V I = 0.1526 A P = 3.662 W PF = 1.000 F=0.00 Hz

Test Condition

Temprature	: 26.6Deg	RH	: 54%
WL Range	: 380nm-780nm	IP	: 43736 (67%)
Test Mode	: Fast Test	T	: 1907 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.1585 y = 0.7274 / u' = 0.0555 v' = 0.5737 (duv=1.61e-01)

CCT= 8001K Prcp WL: Ld=525.1nm Purity=80.0%

Peak WL: Lp=519nm FWHM: =30.3nm Ratio:R=0.3% G=97.5% B=2.2%

Render Index: Ra = 0.0

R1 =0	R2 =0	R3 =0	R4 =0	R5 =0	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=37	R15=0

Photometric & Radiometric Parameters

Flux = 267.14 lm Eff. : 70.14 lm/W Fe = 562.55 mW (EQE):149.6%

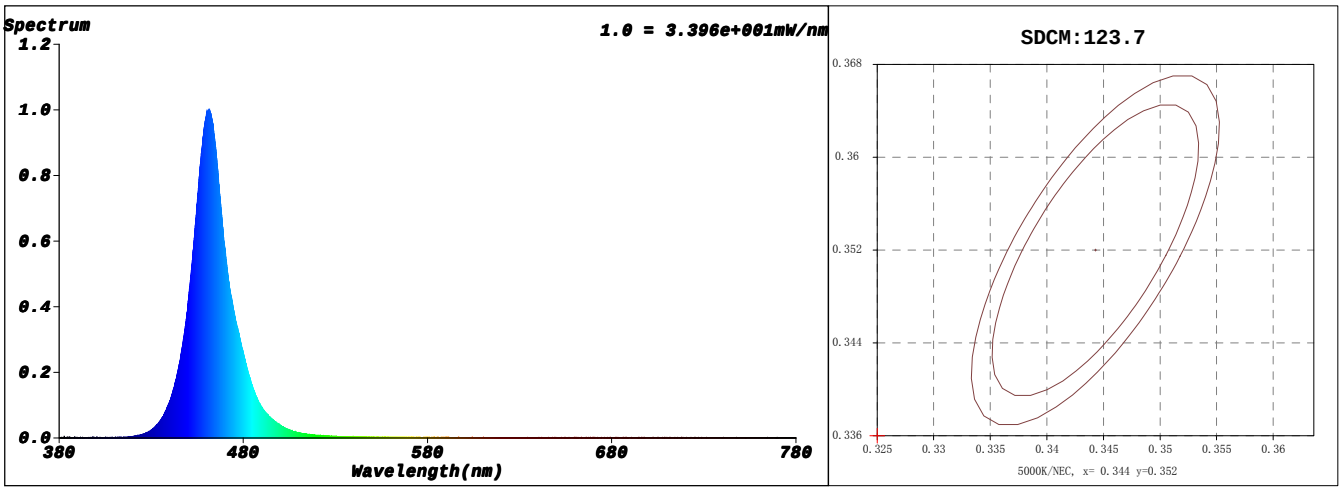
Electrical parameters

V = 24.00 V I = 0.1587 A P = 3.809 W PF = 1.000 F=0.00 Hz

Test Condition

Temprature	: 26.6Deg	RH	: 54%
WL Range	: 380nm-780nm	IP	: 52001 (79%)
Test Mode	: Fast Test	T	: 1356 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.1398 y = 0.0515 / u' = 0.1675 v' = 0.1388 (duv=1.74e-01)

CCT>=100000K Prcp WL: Ld=465.9nm Purity=96.9%

Peak WL: Lp=462nm FWHM: =20.0nm Ratio:R=0.8% G=15.5% B=83.7%

Render Index: Ra = 0.9

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=0	R15=5

Photometric & Radiometric Parameters

Flux = 53.024 lm Eff. : 15.25 lm/W Fe = 865.74 mW (EQE):223.59%

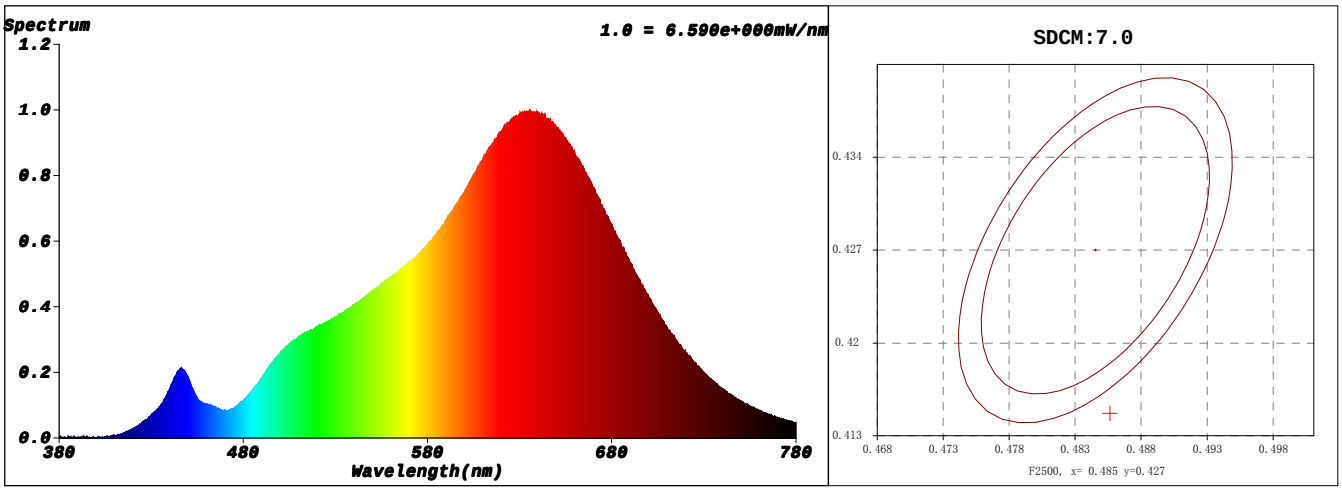
Electrical parameters

V = 24.00 V I = 0.1449 A P = 3.477 W PF = 1.000 F=0.00 Hz

Test Condition

Temprature	: 26.6Deg	RH	: 54%
WL Range	: 380nm-780nm	IP	: 36480 (56%)
Test Mode	: Fast Test	T	: 5000 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4861 y = 0.4146 / u' = 0.2776 v' = 0.5328 (duv=-7.71e-06)

CCT= 2400K Prcp WL: Ld=585.9nm Purity=70.4%

Peak WL: Lp=636nm FWHM: =131.8nm Ratio:R=29.8% G=68.2% B=2.0%

Render Index: Ra = 97.2

R1 =99	R2 =99	R3 =98	R4 =97	R5 =99	R6 =98	R7 =96
R8 =92	R9 =81	R10=98	R11=94	R12=98	R13=99	R14=98	R15=95

Photometric & Radiometric Parameters

Flux = 252.27 lm Eff. : 64.69 lm/W Fe = 1.0057 W (EQE):306%

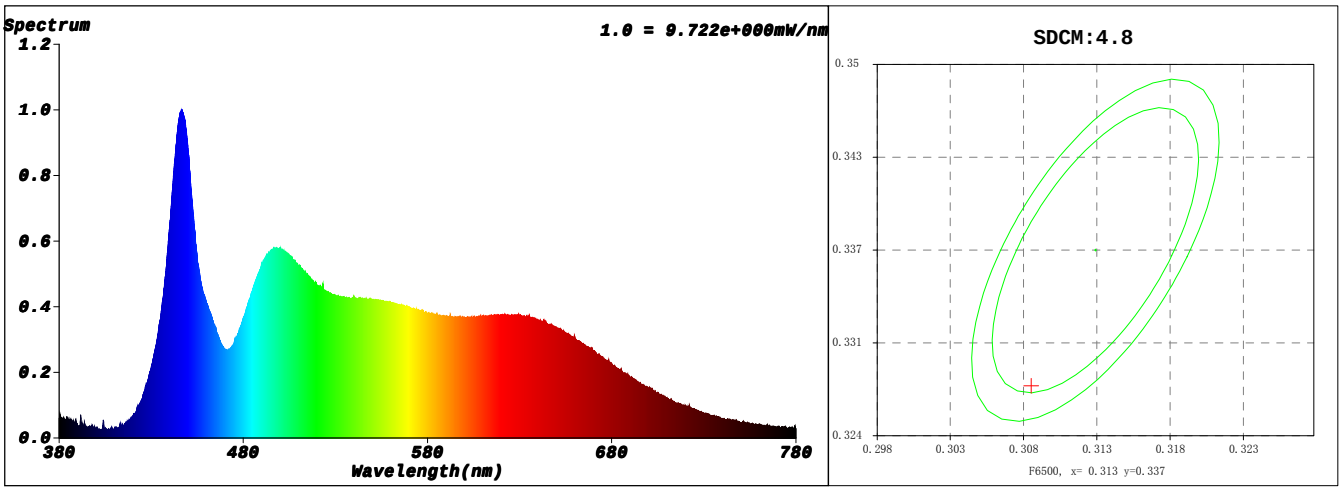
Electrical parameters

V = 24.00 V I = 0.1625 A P = 3.900 W PF = 1.000 F=0.00 Hz

Test Condition

Temprature	: 26.6Deg	RH	: 54%
WL Range	: 380nm-780nm	IP	: 47341 (72%)
Test Mode	: Fast Test	T	: 5000 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3086 y = 0.3277 / u' = 0.1955 v' = 0.4670 (duv=4.63e-03)

CCT= 6742K Prcp WL: Ld=488.8nm Purity=8.8%

Peak WL: Lp=447nm FWHM: =18.6nm Ratio:R=15.4% G=77.0% B=7.6%

Render Index: Ra = 98.4

R1 =99 R2 =99 R3 =99 R4 =95 R5 =98 R6 =99 R7 =99

R8 =99 R9 =98 R10=97 R11=92 R12=92 R13=99 R14=99 R15=99

Photometric & Radiometric Parameters

Flux = 294.52 lm Eff. : 75.61 lm/W Fe = 1.1397 W (EQE):312.22%

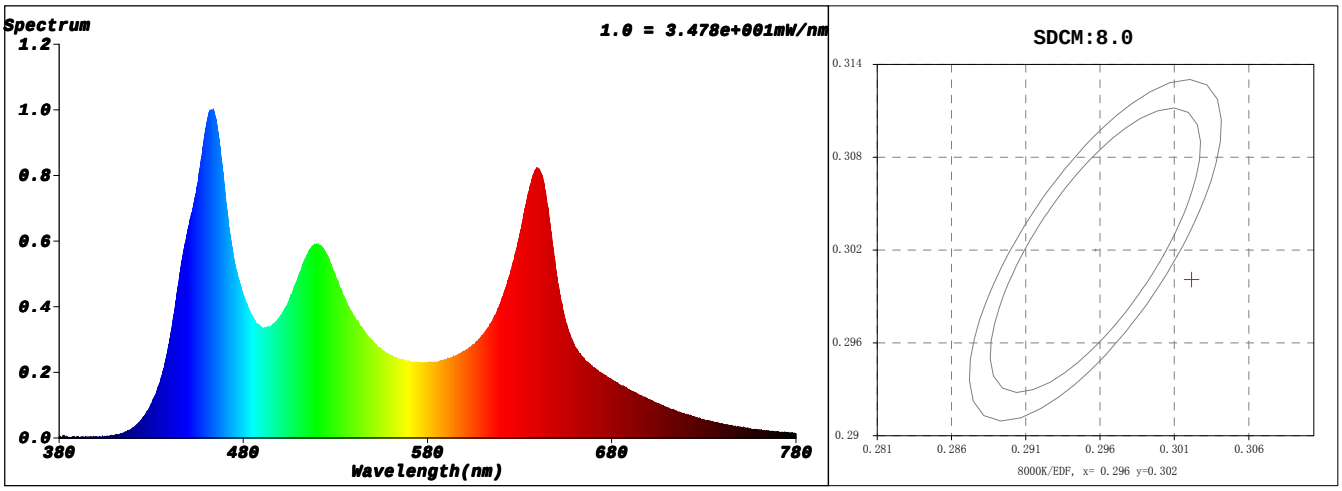
Electrical parameters

V = 24.00 V I = 0.1623 A P = 3.895 W PF = 1.000 F=0.00 Hz

Test Condition

Temprature	: 26.6Deg	RH	: 54%
WL Range	: 380nm-780nm	IP	: 39916 (61%)
Test Mode	: Fast Test	T	: 1000 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3025 y = 0.3000 / u' = 0.2018 v' = 0.4504 (duv=-6.76e-03)

CCT= 7549K Prcp WL: Ld=475.5nm Purity=13.7%

Peak WL: Lp=464nm FWHM: =30.9nm Ratio:R=20.6% G=70.8% B=8.7%

Render Index: Ra = 65.6

R1 =54	R2 =75	R3 =90	R4 =61	R5 =63	R6 =72	R7 =77	
R8 =33	R9 =0	R10=46	R11=52	R12=68	R13=58	R14=91	R15=42

Photometric & Radiometric Parameters

Flux = 917.23 lm Eff. : 47.15 lm/W Fe = 3.9267 W (EQE):216.44%

Electrical parameters

V = 24.00 V I = 0.8106 A P = 19.45 W PF = 1.000 F=0.00 Hz