



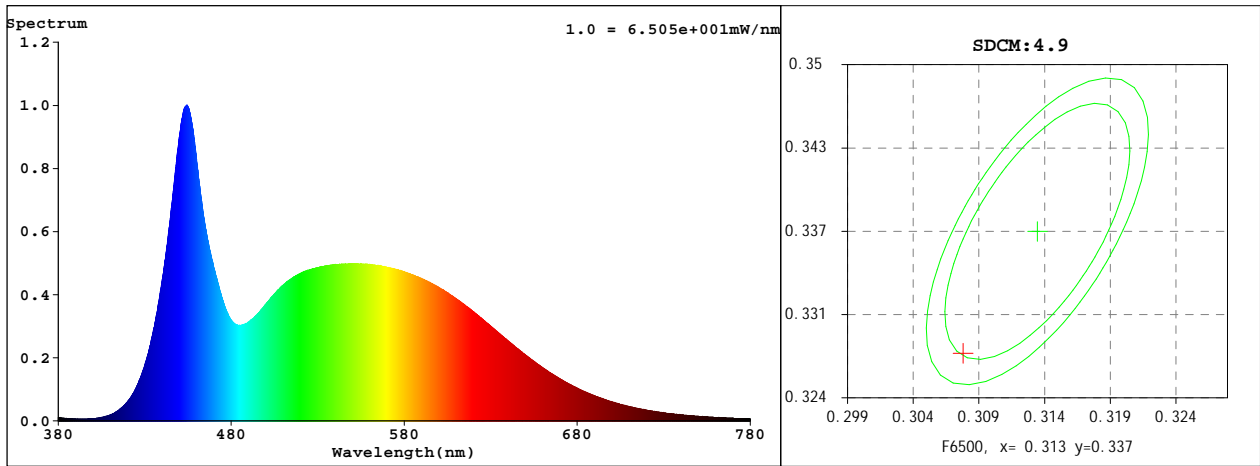
Spectrum Test Report

Sample	:	Date	:	2024-07-04
Specification	:	Sam. Status	:	
Sample No.	:	Standard	:	
Manufacturer	:	Instrument	:	HaasSuite(EVERFINE)
Remark	:	Test by	:	

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52839 (81%)
Test Mode	:	Fast Test	T	:	214 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3074$ $y = 0.3277$ / $u' = 0.1946$ $v' = 0.4668$ ($duv=5.28e-03$)

CCT= 6796K Prcp WL: Ld=488.9nm Purity=9.2%

Peak WL: Lp=455nm FWHM: =27.8nm Ratio:R=13.2% G=80.5% B=6.2%

Render Index: Ra = 85.1

EEL: 0.12679 A+

R1 =83 R2 =90 R3 =93 R4 =83 R5 =83 R6 =85 R7 =90

R8 =73 R9 =18 R10=75 R11=82 R12=61 R13=85 R14=97 R15=79

Photometric & Radiometric Parameters

Flux = 2115.6 lm Eff. : 107.44 lm/W Fe = 7.0316 W

Electrical parameters

V = 230.14 V I = 0.1460 A P = 19.69 W PF = 0.5860 F=50.00 Hz



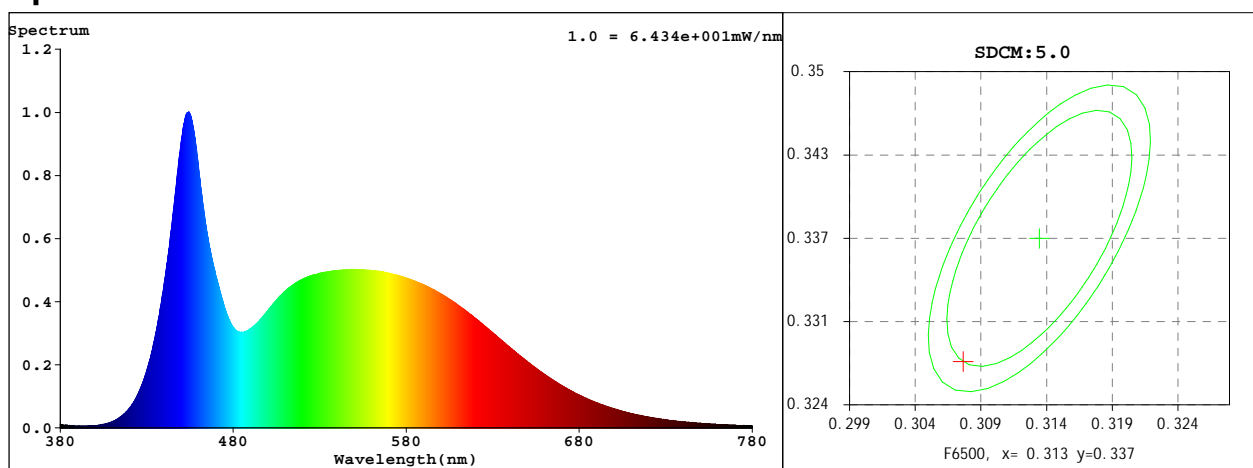
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 20D-2	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52602 (80%)
Test Mode	: Fast Test	T	: 214 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3072$ $y = 0.3276$ / $u' = 0.1945$ $v' = 0.4668$ ($duv=5.30e-03$)

CCT= 6796K Prcp WL: Ld=488.9nm Purity=9.2%

Peak WL: Lp=454nm FWHM: =28.0nm Ratio:R=13.2% G=80.6% B=6.2%

Render Index: Ra = 84.9

EEL: 0.12687 A+

R1 =83 R2 =90 R3 =93 R4 =83 R5 =83 R6 =85 R7 =90

R8 =73 R9 =17 R10=75 R11=82 R12=61 R13=85 R14=96 R15=79

Photometric & Radiometric Parameters

Flux = 2105.0 lm Eff. : 107.37 lm/W Fe = 6.9963 W

Electrical parameters

V = 230.13 V I = 0.1460 A P = 19.61 W PF = 0.5836 F=50.00 Hz

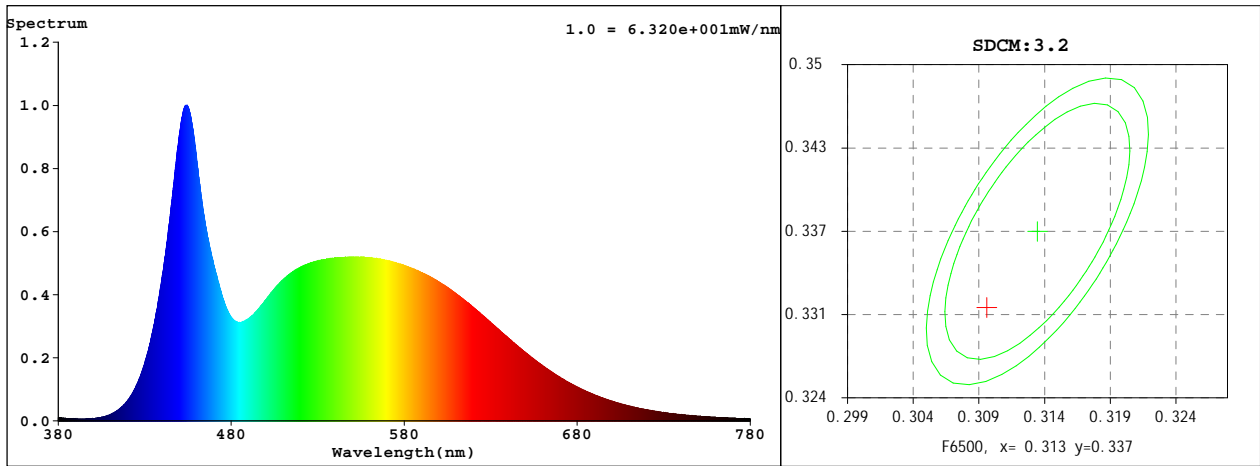
Spectrum Test Report

Sample	:	Date	:	2024-07-04
Specification	:	Sam. Status	:	
Sample No.	:	Standard	:	
Manufacturer	:	Instrument	:	HaasSuite(EVERFINE)
Remark	:	Test by	:	

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	53576 (82%)
Test Mode	:	Fast Test	T	:	214 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3091$ $y = 0.3312$ / $u' = 0.1946$ $v' = 0.4690$ ($duv=6.12e-03$)

CCT= 6661K Prcp WL: Ld=490.6nm Purity=8.3%

Peak WL: Lp=455nm FWHM: =28.4nm Ratio:R=13.2% G=80.7% B=6.1%

Render Index: Ra = 84.6

EEL: 0.12517 A+

R1 =82 R2 =90 R3 =93 R4 =82 R5 =83 R6 =85 R7 =89

R8 =72 R9 =15 R10=75 R11=81 R12=61 R13=85 R14=97 R15=78

Photometric & Radiometric Parameters

Flux = 2139.9 lm Eff. : 108.83 lm/W Fe = 7.0581 W

Electrical parameters

V = 230.14 V I = 0.1467 A P = 19.66 W PF = 0.5826 F=50.00 Hz



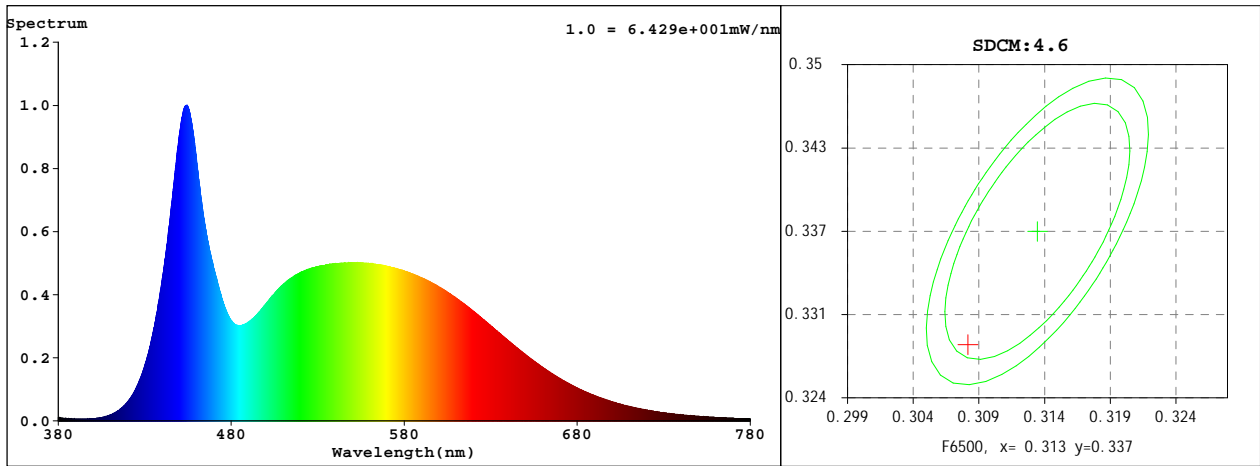
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 20D-4	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52556 (80%)
Test Mode	: Fast Test	T	: 214 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3077$ $y = 0.3284$ / $u' = 0.1946$ $v' = 0.4673$ ($duv=5.42e-03$)

CCT= 6774K Prcp WL: Ld=489.2nm Purity=9.0%

Peak WL: Lp=455nm FWHM: =27.8nm Ratio:R=13.2% G=80.6% B=6.2%

Render Index: Ra = 84.9

EEL: 0.12771 A+

R1 =83 R2 =90 R3 =93 R4 =83 R5 =83 R6 =85 R7 =90

R8 =73 R9 =17 R10=75 R11=82 R12=61 R13=85 R14=96 R15=79

Photometric & Radiometric Parameters

Flux = 2102.5 lm Eff. : 106.66 lm/W Fe = 6.9758 W

Electrical parameters

V = 230.12 V I = 0.1464 A P = 19.71 W PF = 0.5853 F=50.00 Hz