



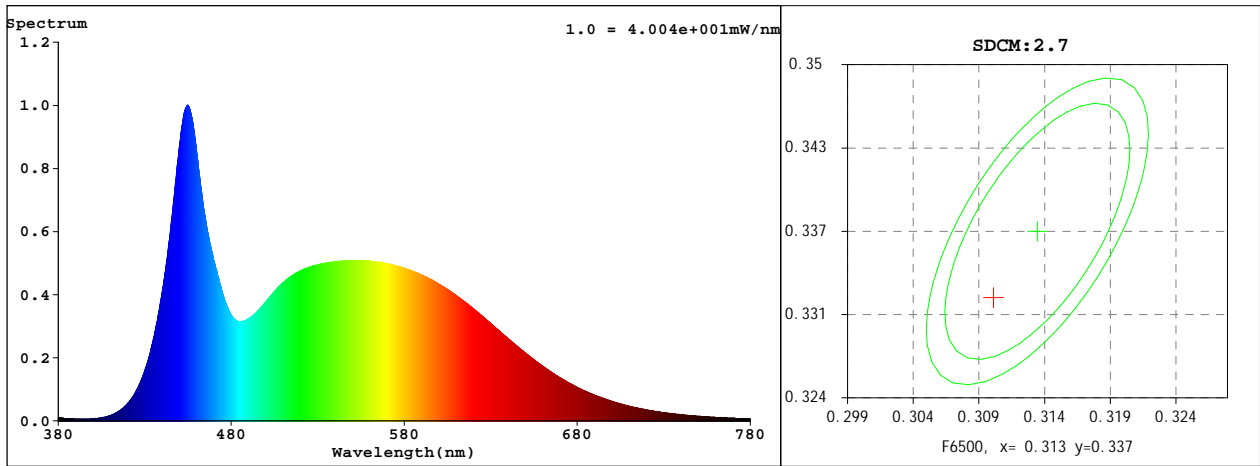
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 12D-1	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48089 (73%)
Test Mode	: Fast Test	T	: 309 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3097$ $y = 0.3320$ / $u' = 0.1946$ $v' = 0.4695$ ($duv=6.23e-03$)

CCT= 6649K Prcp WL: Ld=491.0nm Purity=8.1%

Peak WL: Lp=455nm FWHM: =27.8nm Ratio:R=13.3% G=80.5% B=6.2%

Render Index: Ra = 84.9

EEL: 0.11774 A+

R1 =83 R2 =90 R3 =94 R4 =82 R5 =83 R6 =86 R7 =89

R8 =72 R9 =17 R10=76 R11=81 R12=61 R13=85 R14=97 R15=78

Photometric & Radiometric Parameters

Flux = 1331.1 lm Eff. : 115.69 lm/W Fe = 4.3900 W

Electrical parameters

V = 230.12 V I = 0.08834 A P = 11.51 W PF = 0.5660 F=50.00 Hz



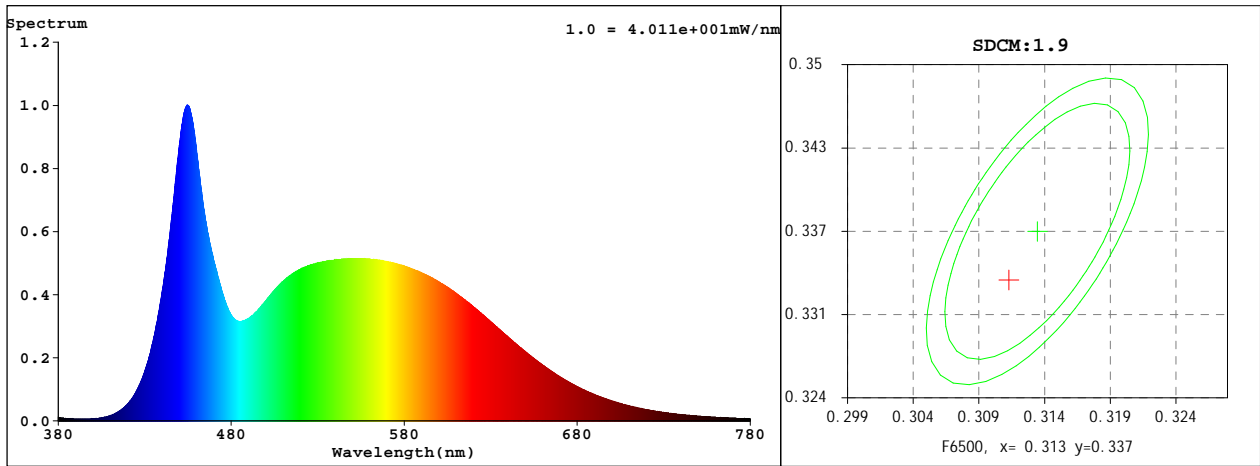
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 12D-2	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48828 (75%)
Test Mode	: Fast Test	T	: 309 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3108$ $y = 0.3333$ / $u' = 0.1949$ $v' = 0.4703$ ($duv=6.32e-03$)

CCT= 6570K Prcp WL: $L_d=491.7nm$ Purity=7.6%

Peak WL: $L_p=455nm$ FWHM: $=27.8nm$ Ratio:R=13.3% G=80.5% B=6.2%

Render Index: $R_a = 84.9$

EEL: 0.11790 A+

R1 =83 R2 =90 R3 =94 R4 =82 R5 =83 R6 =86 R7 =89

R8 =72 R9 =16 R10=76 R11=81 R12=61 R13=85 R14=97 R15=78

Photometric & Radiometric Parameters

Flux = 1350.0 lm Eff. : 115.54 lm/W $Fe = 4.4403 W$

Electrical parameters

$V = 230.18 V$ $I = 0.09057 A$ $P = 11.68 W$ PF = 0.5605 F=50.00 Hz



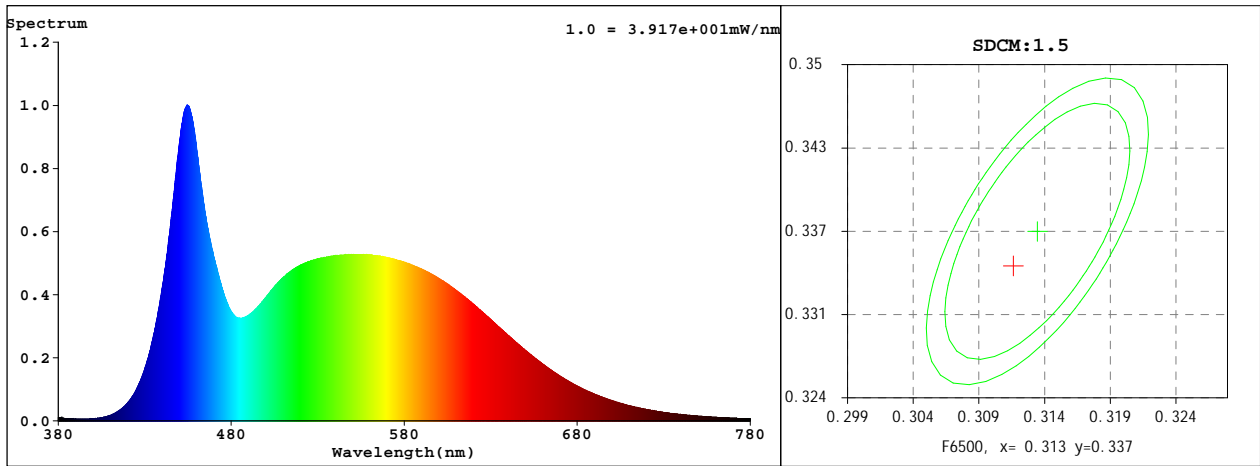
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 12D-3	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48899 (75%)
Test Mode	: Fast Test	T	: 309 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3112$ $y = 0.3344$ / $u' = 0.1948$ $v' = 0.4709$ ($duv=6.68e-03$)

CCT= 6543K Prcp WL: Ld=492.3nm Purity=7.4%

Peak WL: Lp=455nm FWHM: =28.7nm Ratio:R=13.3% G=80.5% B=6.2%

Render Index: Ra = 84.7

EEL: 0.11824 A+

R1 =82 R2 =90 R3 =94 R4 =82 R5 =83 R6 =86 R7 =89

R8 =72 R9 =15 R10=76 R11=81 R12=61 R13=85 R14=97 R15=78

Photometric & Radiometric Parameters

Flux = 1351.7 lm Eff. : 115.21 lm/W Fe = 4.4367 W

Electrical parameters

V = 230.17 V I = 0.09024 A P = 11.73 W PF = 0.5648 F=50.00 Hz