

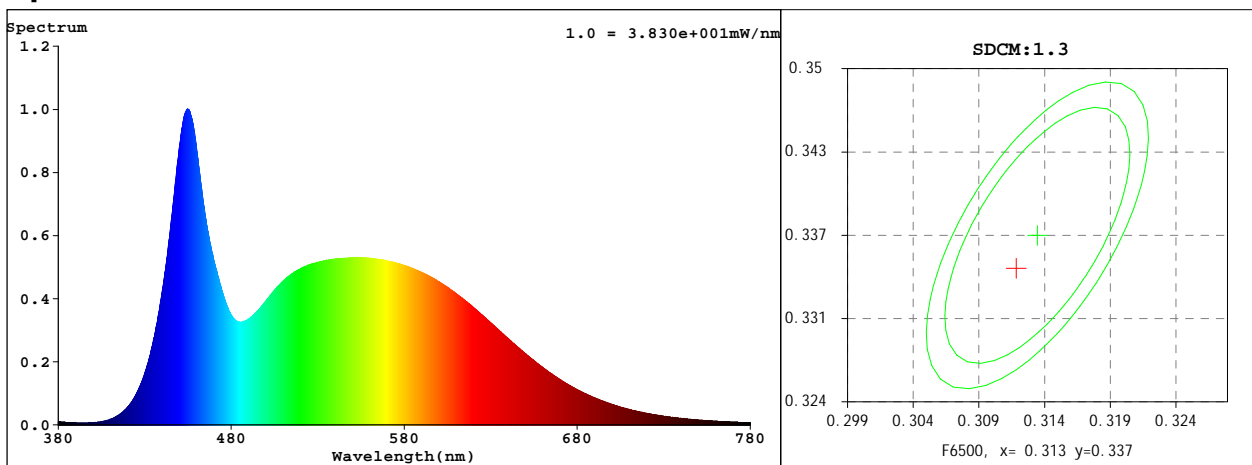
## Spectrum Test Report

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 : 52977 (81%)
Test Mode : Fast Test	T : 341 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3114$   $y = 0.3345$  /  $u' = 0.1949$   $v' = 0.4710$  ( $duv=6.64e-03$ )

CCT= 6530K Prcp WL: Ld=492.4nm Purity=7.3%

Peak WL: Lp=455nm FWHM: =28.8nm Ratio:R=13.3% G=80.5% B=6.2%

Render Index: Ra = 84.8

EEL: 0.11740 A+

R1 =82 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 = 1327.1 lm Eff. : 116.03 lm/W Fe = 4.3563 W

### Electrical parameters

V = 230.21 V I = 0.08841 A P = 11.44 W PF = 0.5620 F=50.00 Hz

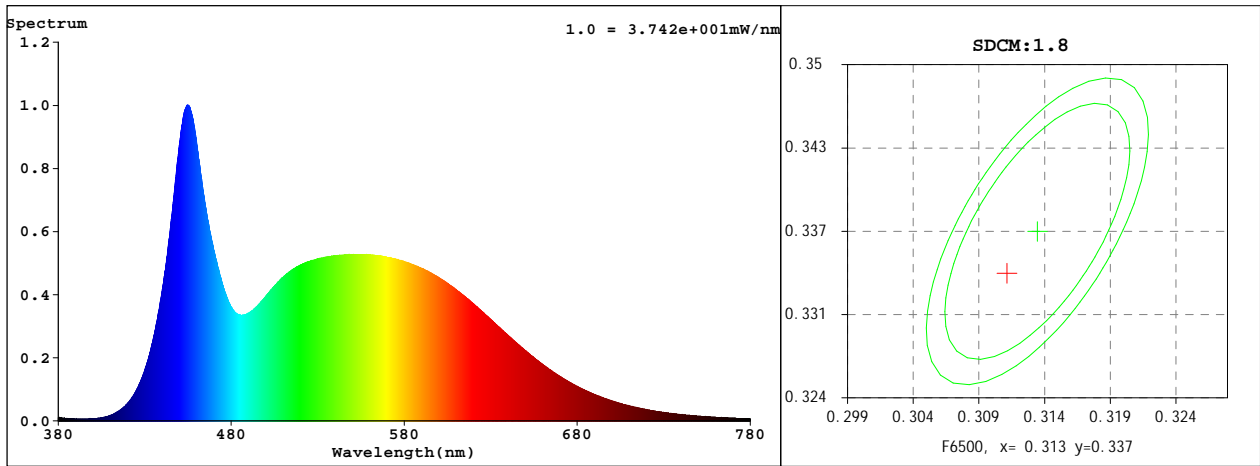
## Spectrum Test Report

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 : 51696 (79%)
Test Mode : Fast Test	T : 341 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3107$   $y = 0.3338$  /  $u' = 0.1947$   $v' = 0.4706$  ( $duv=6.65e-03$ )

CCT= 6574K Prcp WL: Ld=492.0nm Purity=7.6%

Peak WL: Lp=455nm FWHM: =29.3nm Ratio:R=13.3% G=80.4% B=6.3%

Render Index: Ra = 84.9

EEL: 0.11815 A+

R1 =83 R2 =91 R3 =94 R4 =82 R5 =83 R6 =86 R7 =89

R8 =71 R9 =15 R10=77 R11=81 R12=61 R13=85 R14=97 R15=78

### Photometric & Radiometric Parameters

Flux = 1295.1 lm Eff. : 115.23 lm/W Fe = 4.2549 W

### Electrical parameters

V = 230.24 V I = 0.08773 A P = 11.24 W PF = 0.5565 F=50.00 Hz



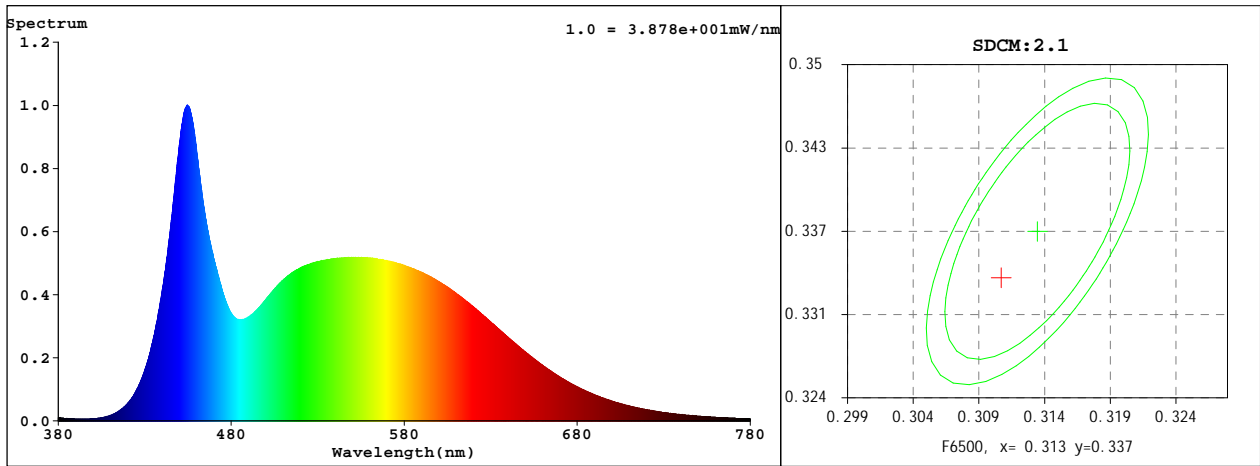
## Spectrum Test Report

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	: 52335 (80%)
Test Mode	: Fast Test	T	: 341 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3103$   $y = 0.3335$  /  $u' = 0.1945$   $v' = 0.4703$  ( $duv=6.69e-03$ )

CCT= 6601K Prcp WL: Ld=491.8nm Purity=7.8%

Peak WL: Lp=455nm FWHM: =28.2nm Ratio:R=13.3% G=80.5% B=6.2%

Render Index: Ra = 84.7

EEL: 0.11765 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 = 1312.5 lm Eff. : 115.79 lm/W Fe = 4.3138 W

### Electrical parameters

V = 230.24 V I = 0.08811 A P = 11.34 W PF = 0.5588 F=50.00 Hz



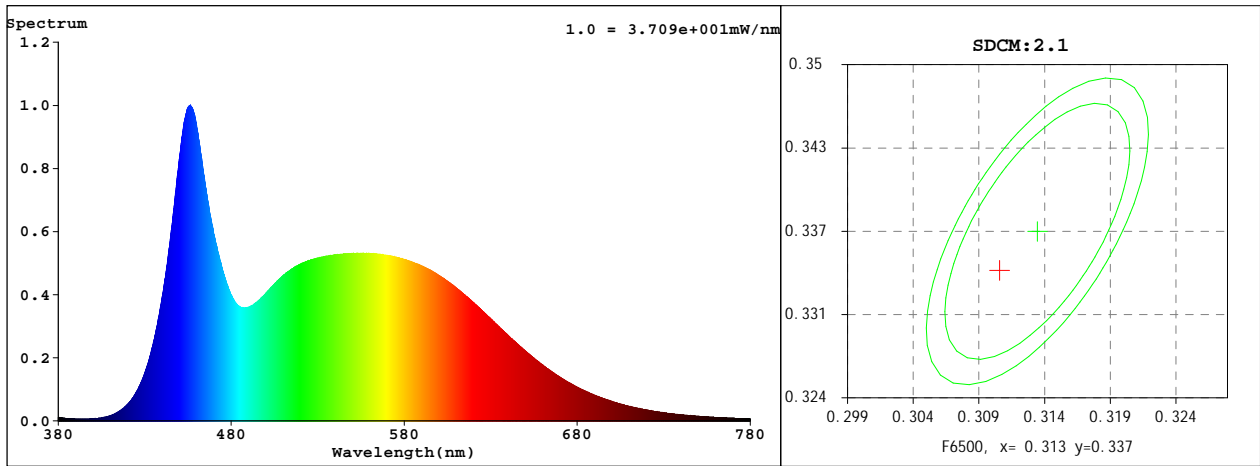
## Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 12D-4	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51861 (79%)
Test Mode	: Fast Test	T	: 341 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3101$   $y = 0.3340$  /  $u' = 0.1942$   $v' = 0.4706$  ( $duv=7.03e-03$ )

CCT= 6604K Prcp WL: Ld=492.1nm Purity=7.8%

Peak WL: Lp=456nm FWHM: =30.9nm Ratio:R=13.3% G=80.2% B=6.5%

Render Index: Ra = 84.9

EEL: 0.11956 A+

R1 =83 R2 =92 R3 =95 R4 =81 R5 =83 R6 =88 R7 =88

R8 =71 R9 =15 R10=80 R11=80 R12=62 R13=86 R14=98 R15=78

### Photometric & Radiometric Parameters

Flux = 1299.2 lm Eff. : 113.93 lm/W Fe = 4.2675 W

### Electrical parameters

V = 230.11 V I = 0.08872 A P = 11.40 W PF = 0.5586 F=50.00 Hz

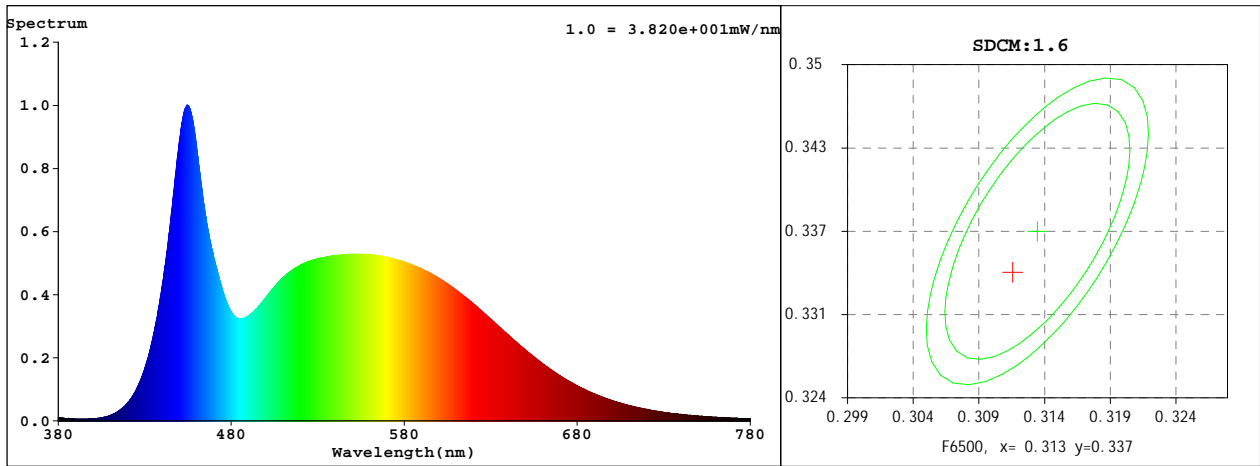
## Spectrum Test Report

Sample :	Date : 2024-07-04
Specification :	Sam. Status :
Sample No. : 12D-5	Standard :
Manufacturer :	Instrument : HaasSuite(EVERFINE)
Remark :	Test by :

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52677 (80%)
Test Mode : Fast Test	T : 341 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3111$   $y = 0.3339$  /  $u' = 0.1949$   $v' = 0.4707$  ( $duv=6.47e-03$ )

CCT= 6550K Prcp WL: Ld=492.0nm Purity=7.5%

Peak WL: Lp=455nm FWHM: =28.8nm Ratio:R=13.3% G=80.5% B=6.2%

Render Index: Ra = 84.8

EEL: 0.11697 A+

R1 =82 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 = 1319.6 lm Eff. : 116.46 lm/W Fe = 4.3361 W

### Electrical parameters

V = 230.13 V I = 0.08809 A P = 11.33 W PF = 0.5589 F=50.00 Hz



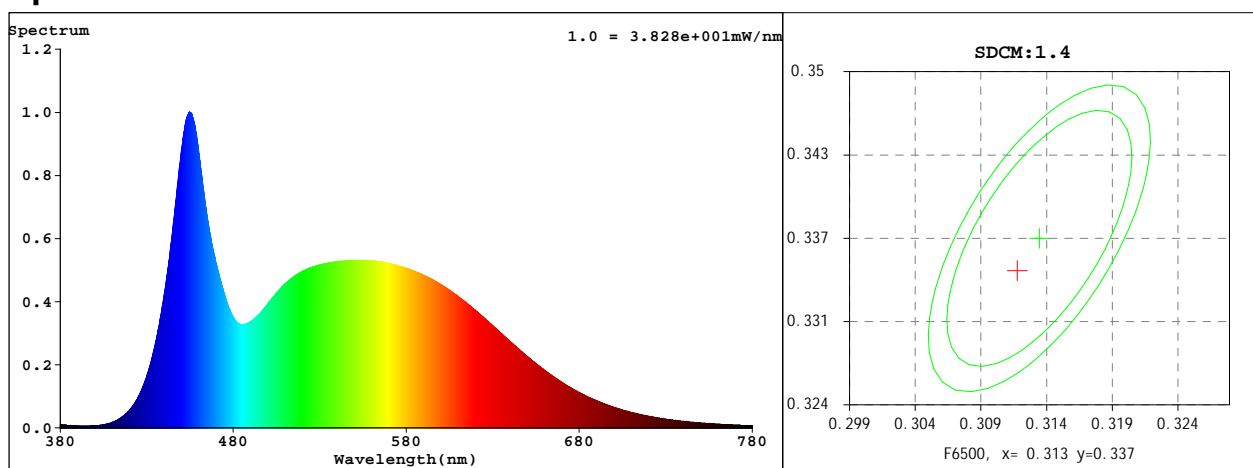
## Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 12D-6	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53042 (81%)
Test Mode	: Fast Test	T	: 341 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3113$   $y = 0.3345$  /  $u' = 0.1948$   $v' = 0.4710$  ( $duv=6.70e-03$ )

CCT= 6533K Prcp WL: Ld=492.4nm Purity=7.4%

Peak WL: Lp=455nm FWHM: =28.9nm Ratio:R=13.3% G=80.5% B=6.2%

Render Index: Ra = 84.7

EEL: 0.11850 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 = 1329.3 lm Eff. : 114.95 lm/W Fe = 4.3641 W

### Electrical parameters

V = 230.11 V I = 0.08967 A P = 11.56 W PF = 0.5604 F=50.00 Hz