



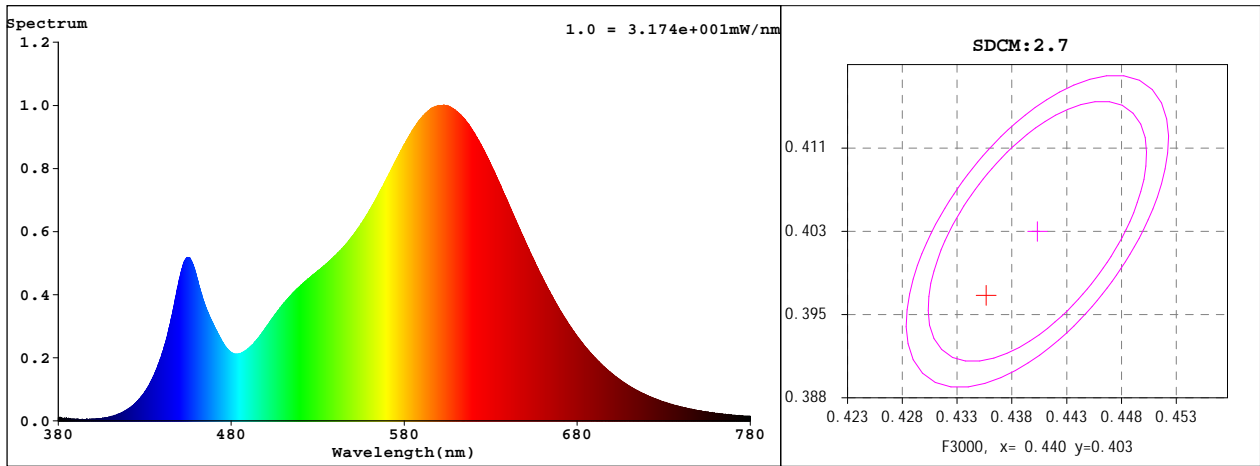
## Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 15L-1	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53319 (81%)
Test Mode	: Fast Test	T	: 207 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4353$   $y = 0.3972$  /  $u' = 0.2525$   $v' = 0.5184$  ( $duv = -2.56e-03$ )

CCT= 2970K Prcp WL: Ld=583.9nm Purity=49.9%

Peak WL: Lp=603nm FWHM: =120.0nm Ratio:R=23.1% G=74.2% B=2.7%

Render Index: Ra = 81.4

EEL: 0.12415 A+

R1 =80 R2 =92 R3 =94 R4 =78 R5 =81 R6 =90 R7 =80

R8 =56 R9 =3 R10=82 R11=76 R12=74 R13=83 R14=97 R15=73

### Photometric & Radiometric Parameters

Flux = 1523.3 lm Eff. : 109.72 lm/W Fe = 4.6704 W

### Electrical parameters

V = 230.21 V I = 0.1080 A P = 13.88 W PF = 0.5585 F=50.00 Hz



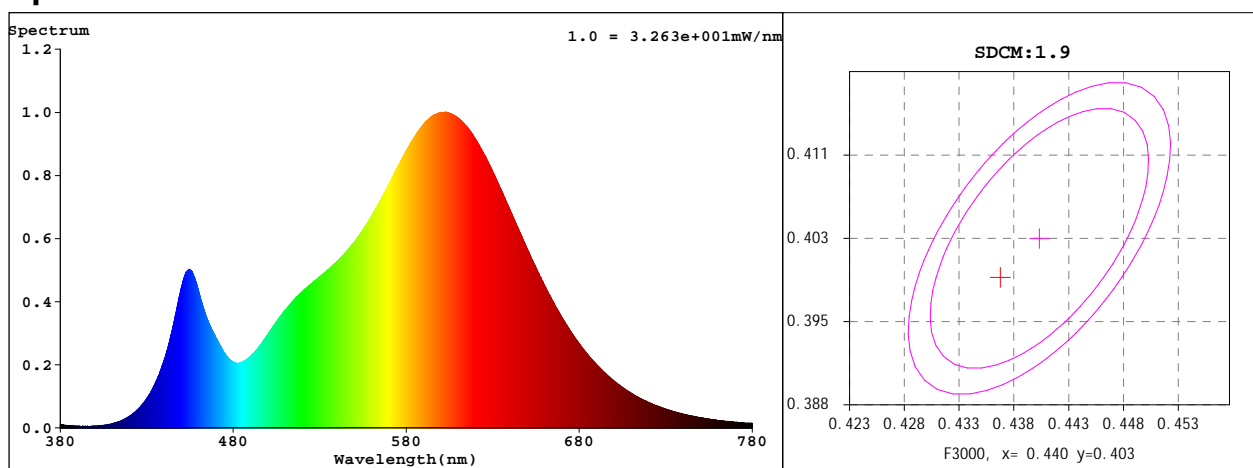
## Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 15L-2	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 54839 (84%)
Test Mode	: Fast Test	T	: 207 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4364$   $y = 0.3994$  /  $u' = 0.2523$   $v' = 0.5195$  ( $duv = -1.79e-03$ )

CCT= 2970K Prcp WL: Ld=583.6nm Purity=50.9%

Peak WL: Lp=603nm FWHM: =120.9nm Ratio:R=23.0% G=74.3% B=2.7%

Render Index: Ra = 81.3

EEL: 0.12145 A+

R1 =80 R2 =91 R3 =95 R4 =78 R5 =80 R6 =90 R7 =81

R8 =56 R9 =2 R10=80 R11=76 R12=73 R13=83 R14=98 R15=72

### Photometric & Radiometric Parameters

Flux = 1571.0 lm Eff. : 112.16 lm/W Fe = 4.7929 W

### Electrical parameters

V = 230.19 V I = 0.1088 A P = 14.01 W PF = 0.5591 F=50.00 Hz



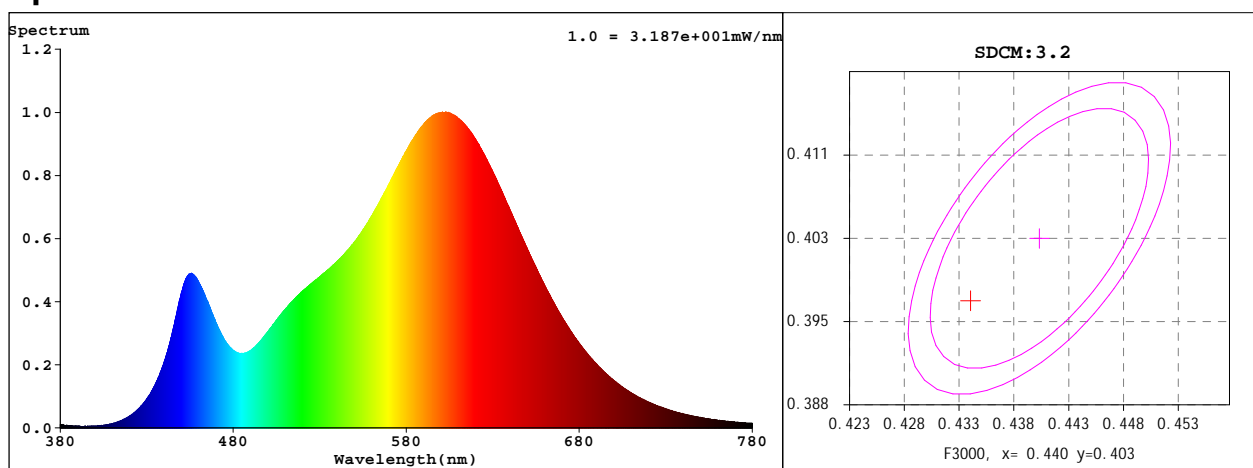
## Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 15L-3	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53496 (82%)
Test Mode	: Fast Test	T	: 207 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4337$   $y = 0.3973$  /  $u' = 0.2514$   $v' = 0.5182$  ( $duv = -2.29e-03$ )

CCT= 2999K Prcp WL: Ld=583.7nm Purity=49.4%

Peak WL: Lp=603nm FWHM: =121.2nm Ratio:R=22.9% G=74.2% B=2.9%

Render Index: Ra = 81.8

EI: 0.12395 A+

R1 =81 R2 =93 R3 =94 R4 =78 R5 =81 R6 =91 R7 =80

R8 =57 R9 =5 R10=83 R11=77 R12=75 R13=84 R14=97 R15=74

### Photometric & Radiometric Parameters

Flux = 1538.4 lm Eff. : 109.90 lm/W Fe = 4.7229 W

### Electrical parameters

V = 230.19 V I = 0.1086 A P = 14.00 W PF = 0.5598 F=50.00 Hz



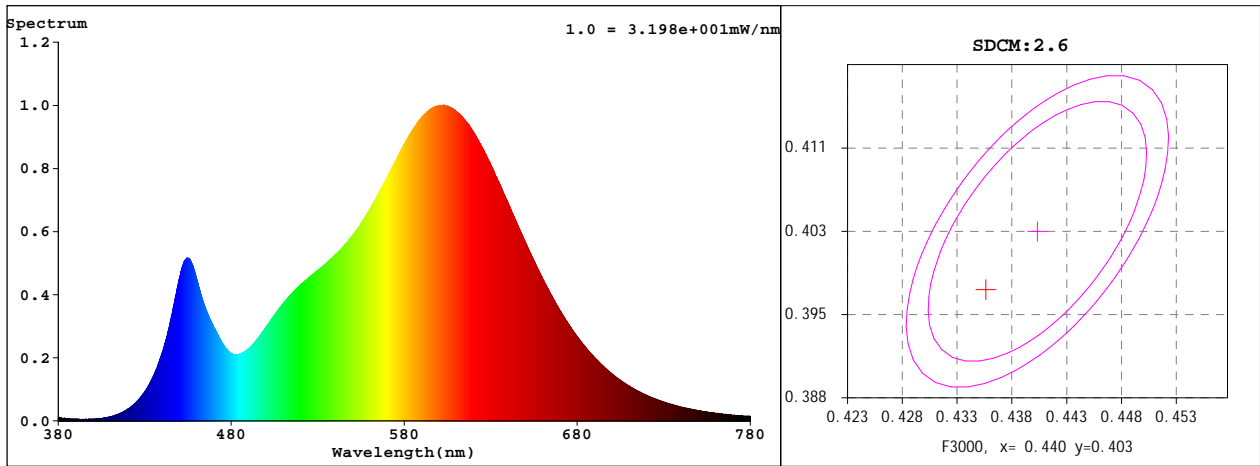
## Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 15L-4	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53705 (82%)
Test Mode	: Fast Test	T	: 207 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4353$   $y = 0.3977$  /  $u' = 0.2523$   $v' = 0.5186$  ( $duv = -2.35e-03$ )

CCT= 2975K Prcp WL: Ld=583.8nm Purity=50.0%

Peak WL: Lp=603nm FWHM: =120.5nm Ratio:R=23.0% G=74.3% B=2.7%

Render Index: Ra = 81.4

EI: 0.12275 A+

R1 =80 R2 =92 R3 =94 R4 =78 R5 =81 R6 =90 R7 =80

R8 =56 R9 =3 R10=81 R11=77 R12=73 R13=83 R14=98 R15=73

### Photometric & Radiometric Parameters

Flux = 1537.1 lm Eff. : 110.98 lm/W Fe = 4.7053 W

### Electrical parameters

V = 230.18 V I = 0.1067 A P = 13.85 W PF = 0.5642 F=50.00 Hz

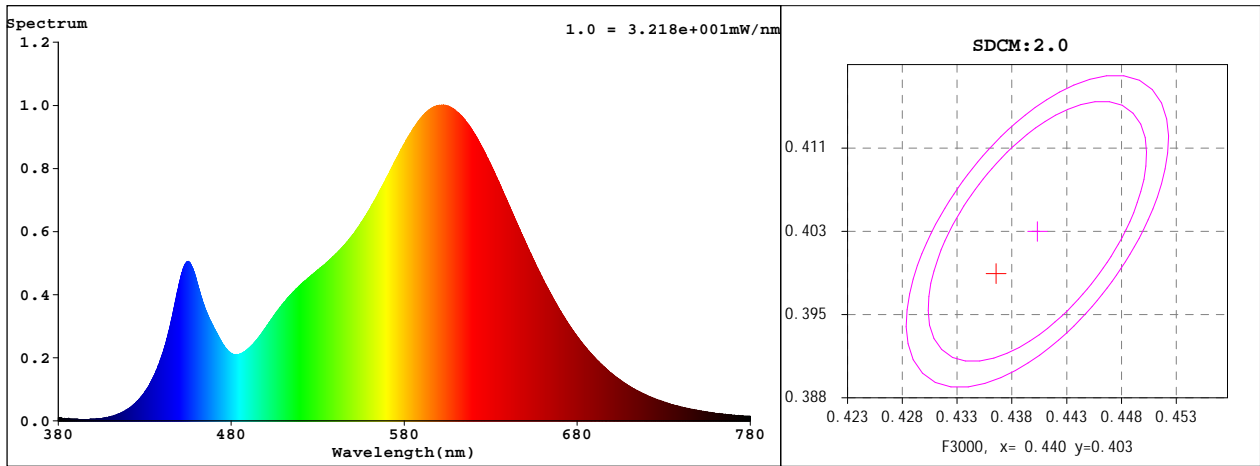
## Spectrum Test Report

Sample :	Date : 2024-07-04
Specification :	Sam. Status :
Sample No. : 15L-5	Standard :
Manufacturer :	Instrument : HaasSuite(EVERFINE)
Remark :	Test by :

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 54040 (82%)
Test Mode : Fast Test	T : 207 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4362$   $y = 0.3991$  /  $u' = 0.2523$   $v' = 0.5193$  ( $duv = -1.89e-03$ )

CCT= 2971K Prcp WL: Ld=583.6nm Purity=50.7%

Peak WL: Lp=603nm FWHM: =120.8nm Ratio:R=23.0% G=74.3% B=2.7%

Render Index: Ra = 81.3

EEL: 0.12116 A+

R1 =80 R2 =92 R3 =94 R4 =78 R5 =80 R6 =90 R7 =80

R8 =56 R9 =2 R10=81 R11=76 R12=73 R13=83 R14=98 R15=73

### Photometric & Radiometric Parameters

Flux = 1548.3 lm Eff. : 112.43 lm/W Fe = 4.7286 W

### Electrical parameters

V = 230.18 V I = 0.1074 A P = 13.77 W PF = 0.5569 F=50.00 Hz