



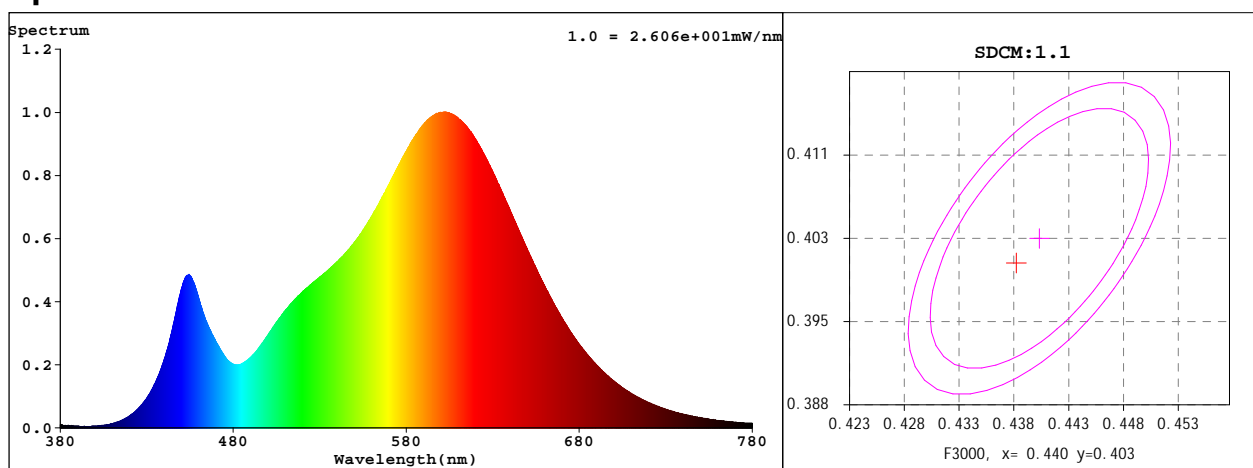
Spectrum Test Report

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	:	53310 (81%)
Test Mode	:	Fast Test	T	:	252 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4379$ $y = 0.4008$ / $u' = 0.2526$ $v' = 0.5202$ ($duv = -1.46e-03$)

CCT= 2957K Prcp WL: Ld=583.5nm Purity=51.7%

Peak WL: Lp=602nm FWHM: =120.7nm Ratio:R=23.0% G=74.4% B=2.6%

Render Index: Ra = 81.1

EEL: 0.12472 A+

R1 =80 R2 =91 R3 =95 R4 =78 R5 =80 R6 =89 R7 =81

R8 =56 R9 =1 R10=80 R11=76 R12=73 R13=82 R14=98 R15=72

Photometric & Radiometric Parameters

Flux = 1252.1 lm Eff. : 108.55 lm/W Fe = 3.8097 W

Electrical parameters

V = 230.15 V I = 0.08967 A P = 11.53 W PF = 0.5589 F=50.00 Hz



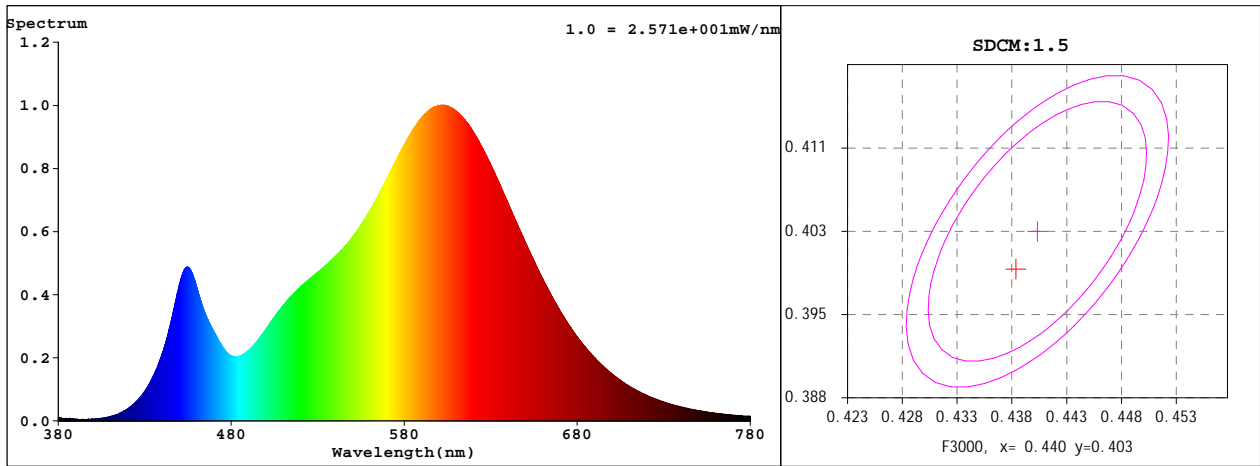
Spectrum Test Report

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	:	52579 (80%)
Test Mode	:	Fast Test	T	:	252 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4381$ $y = 0.3996$ / $u' = 0.2533$ $v' = 0.5198$ ($duv = -1.95e-03$)

CCT= 2944K Prcp WL: Ld=583.8nm Purity=51.4%

Peak WL: Lp=602nm FWHM: =119.4nm Ratio:R=23.2% G=74.2% B=2.6%

Render Index: Ra = 81.0

EEL: 0.12632 A+

R1 =80 R2 =91 R3 =94 R4 =78 R5 =80 R6 =90 R7 =80

R8 =55 R9 =2 R10=81 R11=76 R12=73 R13=83 R14=98 R15=72

Photometric & Radiometric Parameters

Flux = 1229.1 lm Eff. : 106.83 lm/W Fe = 3.7524 W

Electrical parameters

V = 230.24 V I = 0.08973 A P = 11.50 W PF = 0.5569 F=50.00 Hz



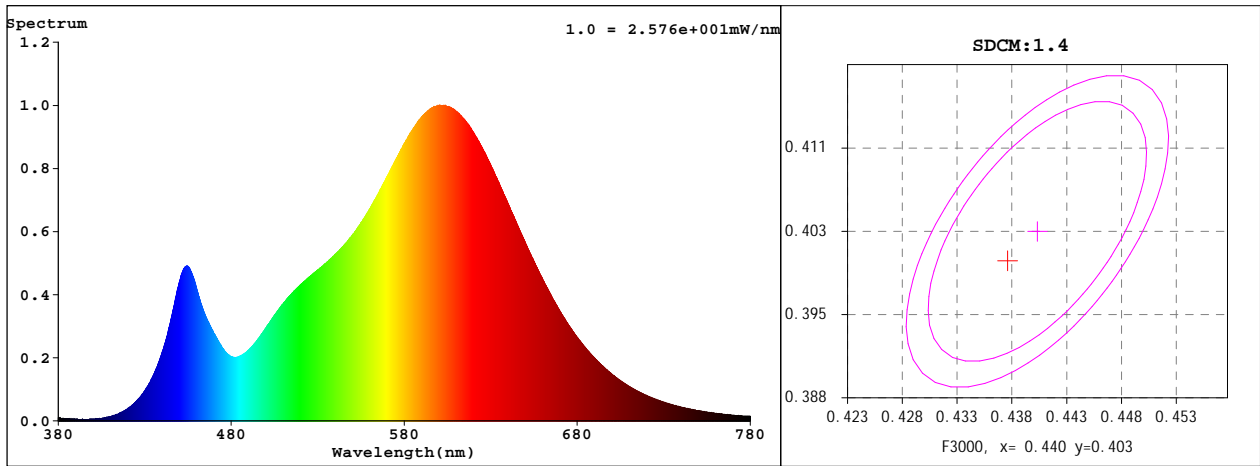
Spectrum Test Report

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

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52652 (80%)
Test Mode	: Fast Test	T	: 252 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4373$ $y = 0.4003$ / $u' = 0.2524$ $v' = 0.5199$ ($duv = -1.55e-03$)

CCT= 2963K Prcp WL: Ld=583.5nm Purity=51.4%

Peak WL: Lp=601nm FWHM: =120.7nm Ratio:R=23.0% G=74.4% B=2.6%

Render Index: Ra = 81.0

EEL: 0.12435 A+

R1 =79 R2 =91 R3 =95 R4 =78 R5 =80 R6 =89 R7 =80

R8 =55 R9 =1 R10=80 R11=76 R12=72 R13=82 R14=98 R15=72

Photometric & Radiometric Parameters

Flux = 1239.0 lm Eff. : 108.67 lm/W Fe = 3.7710 W

Electrical parameters

V = 230.22 V I = 0.08900 A P = 11.40 W PF = 0.5564 F=50.00 Hz



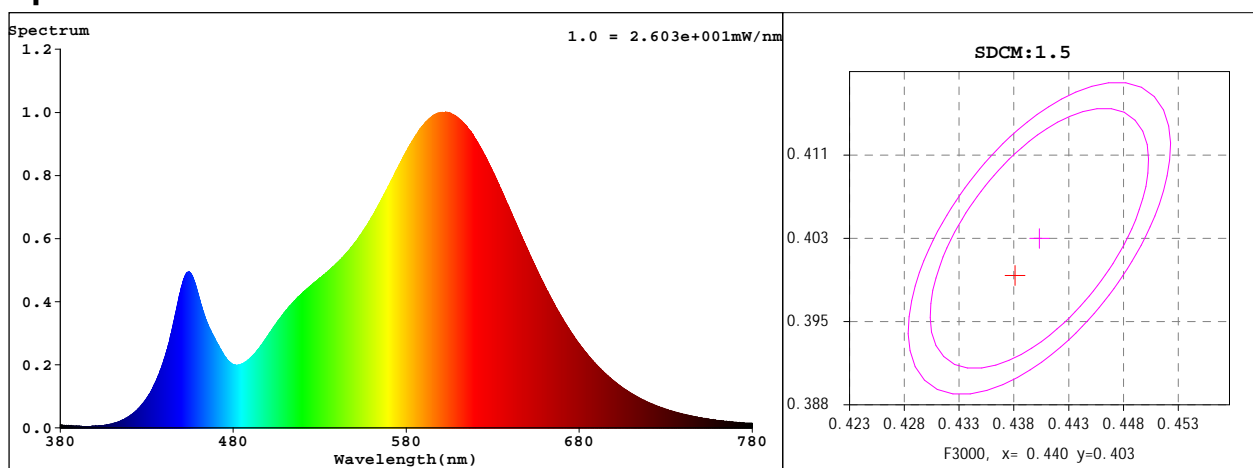
Spectrum Test Report

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

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53265 (81%)
Test Mode	: Fast Test	T	: 252 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4378$ $y = 0.3996$ / $u' = 0.2530$ $v' = 0.5197$ ($duv = -1.89e-03$)

CCT= 2949K Prcp WL: Ld=583.7nm Purity=51.3%

Peak WL: Lp=603nm FWHM: =119.9nm Ratio:R=23.1% G=74.3% B=2.6%

Render Index: Ra = 81.1

EEL: 0.12498 A+

R1 =80 R2 =91 R3 =95 R4 =78 R5 =80 R6 =89 R7 =80

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

Photometric & Radiometric Parameters

Flux = 1246.9 lm Eff. : 108.24 lm/W Fe = 3.8030 W

Electrical parameters

V = 230.13 V I = 0.08960 A P = 11.52 W PF = 0.5587 F=50.00 Hz



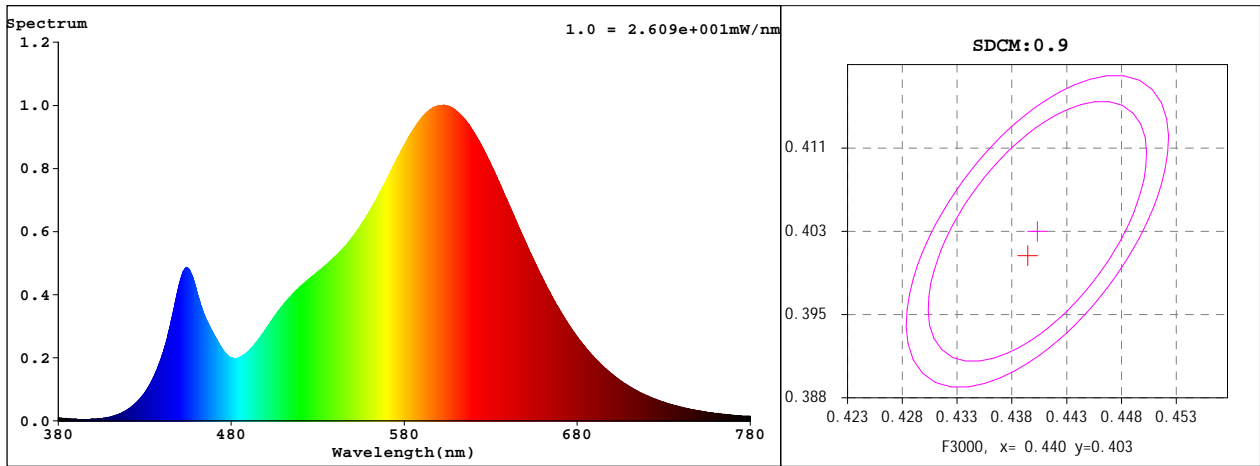
Spectrum Test Report

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	:	53400 (81%)
Test Mode	:	Fast Test	T	:	252 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4391$ $y = 0.4008$ / $u' = 0.2534$ $v' = 0.5204$ ($duv = -1.61e-03$)

CCT= 2937K Prcp WL: Ld=583.7nm Purity=52.1%

Peak WL: Lp=603nm FWHM: =119.5nm Ratio:R=23.2% G=74.2% B=2.6%

Render Index: Ra = 81.1

EEL: 0.12376 A+

R1 =80 R2 =91 R3 =95 R4 =78 R5 =80 R6 =89 R7 =80

R8 =55 R9 =2 R10=80 R11=76 R12=73 R13=82 R14=98 R15=72

Photometric & Radiometric Parameters

Flux = 1246.6 lm Eff. : 109.31 lm/W Fe = 3.7973 W

Electrical parameters

V = 230.22 V I = 0.08884 A P = 11.40 W PF = 0.5576 F=50.00 Hz