



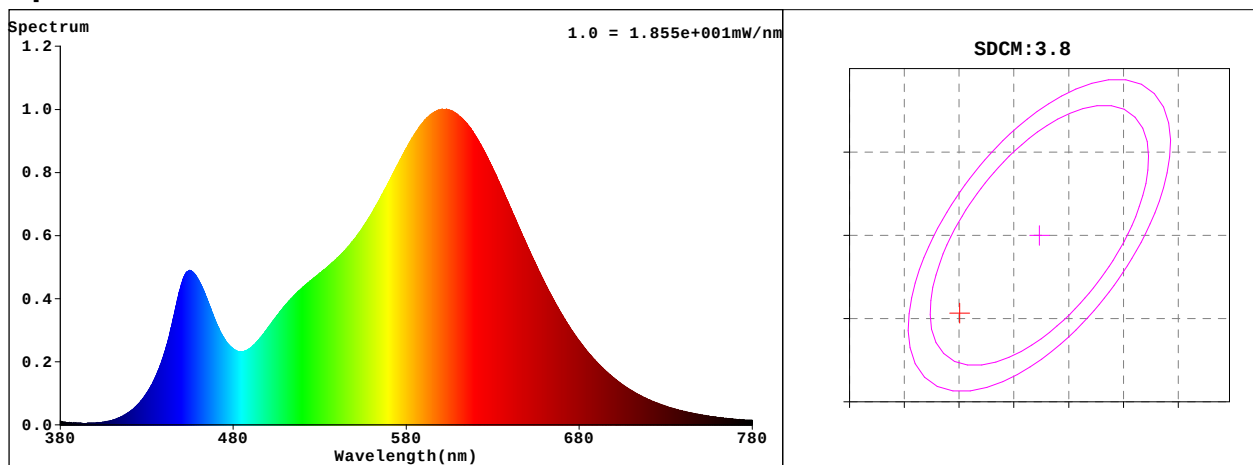
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 9L-1	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53029 (81%)
Test Mode	: Fast Test	T	: 352 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4327$ $y = 0.3959$ / $u' = 0.2514$ $v' = 0.5175$ ($duv = -2.72e-03$)

CCT= 3004K Prcp WL: Ld=583.8nm Purity=48.7%

Peak WL: Lp=603nm FWHM: =121.1nm Ratio:R=22.9% G=74.2% B=2.9%

Render Index: Ra = 81.9

EEL: 0.11643 A+

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

R8 =57 R9 =5 R10=83 R11=77 R12=76 R13=84 R14=97 R15=74

Photometric & Radiometric Parameters

Flux = 895.17 lm Eff. : 109.54 lm/W Fe = 2.7518 W

Electrical parameters

V = 230.22 V I = 0.06417 A P = 8.172 W PF = 0.5532 F=50.00 Hz



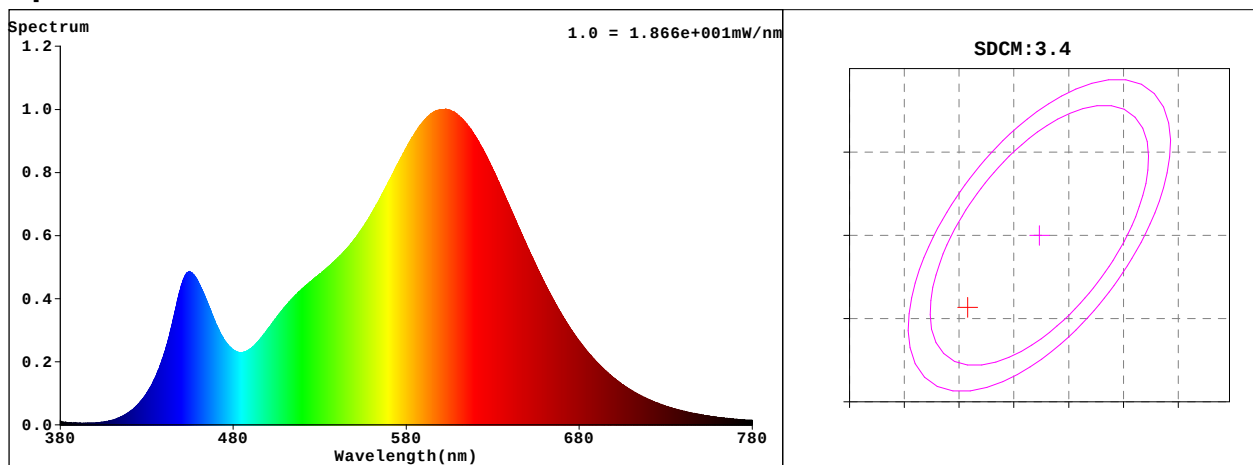
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 9L-2	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53257 (81%)
Test Mode	: Fast Test	T	: 352 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4335$ $y = 0.3964$ / $u' = 0.2516$ $v' = 0.5178$ ($duv = -2.61e-03$)

CCT= 2996K Prcp WL: Ld=583.8nm Purity=49.1%

Peak WL: Lp=603nm FWHM: =120.6nm Ratio:R=22.9% G=74.2% B=2.8%

Render Index: Ra = 81.6

EEL: 0.11884 A+

R1 =81 R2 =92 R3 =94 R4 =78 R5 =81 R6 =91 R7 =80

R8 =56 R9 =4 R10=82 R11=77 R12=75 R13=84 R14=97 R15=73

Photometric & Radiometric Parameters

Flux = 899.14 lm Eff. : 107.41 lm/W Fe = 2.7602 W

Electrical parameters

V = 230.15 V I = 0.06557 A P = 8.371 W PF = 0.5548 F=50.00 Hz



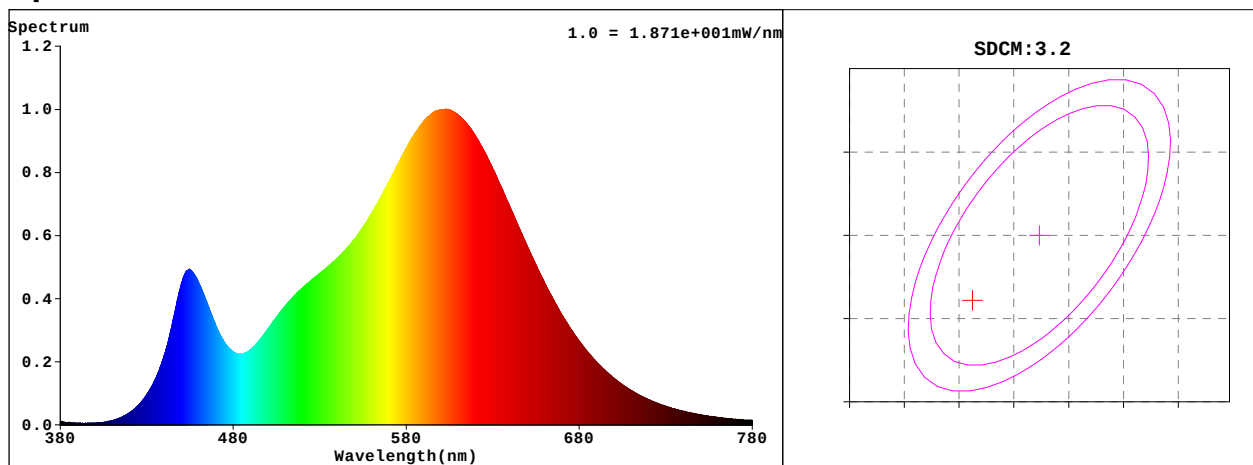
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 9L-3	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53485 (82%)
Test Mode	: Fast Test	T	: 352 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4339$ $y = 0.3971$ / $u' = 0.2516$ $v' = 0.5181$ ($duv = -2.41e-03$)

CCT= 2994K Prcp WL: Ld=583.8nm Purity=49.4%

Peak WL: Lp=603nm FWHM: =121.0nm Ratio:R=23.0% G=74.2% B=2.8%

Render Index: Ra = 81.7

EEL: 0.11696 A+

R1 =81 R2 =92 R3 =94 R4 =78 R5 =81 R6 =91 R7 =80

R8 =56 R9 =4 R10=82 R11=77 R12=75 R13=84 R14=98 R15=73

Photometric & Radiometric Parameters

Flux = 902.09 lm Eff. : 109.20 lm/W Fe = 2.7651 W

Electrical parameters

V = 230.16 V I = 0.06483 A P = 8.261 W PF = 0.5536 F=50.00 Hz



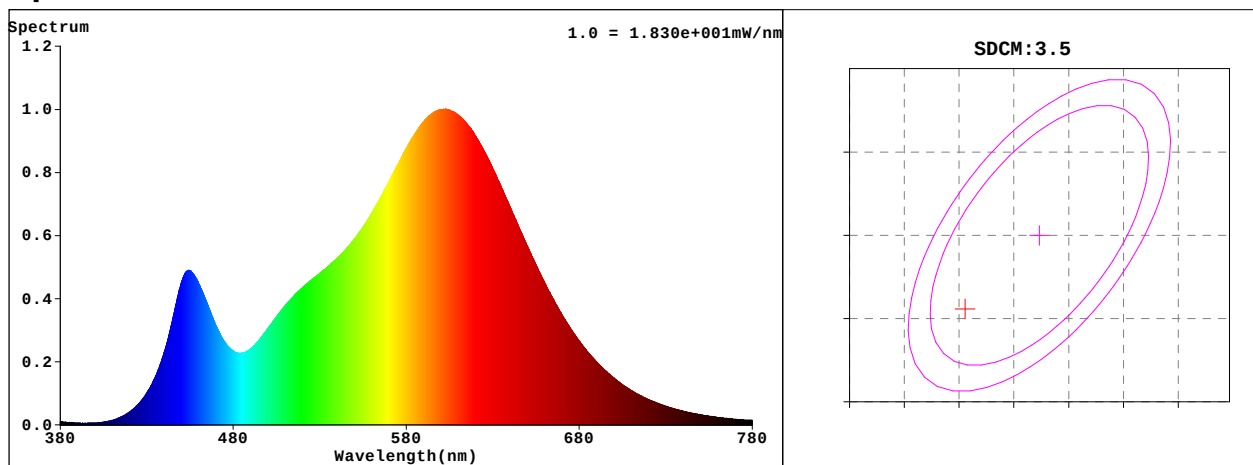
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 9L-4	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52311 (80%)
Test Mode	: Fast Test	T	: 352 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4332$ $y = 0.3963$ / $u' = 0.2516$ $v' = 0.5177$ ($duv = -2.63e-03$)

CCT= 2999K Prcp WL: $L_d = 583.8nm$ Purity=49.0%

Peak WL: $L_p = 603nm$ FWHM: $= 121.1nm$ Ratio: R=23.0% G=74.2% B=2.8%

Render Index: $R_a = 81.8$

EEL: 0.11735 A+

R1 =81 R2 =92 R3 =94 R4 =78 R5 =81 R6 =91 R7 =81

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

Photometric & Radiometric Parameters

Flux = 883.03 lm Eff. : 108.40 lm/W $F_e = 2.7117 W$

Electrical parameters

V = 230.15 V I = 0.06368 A P = 8.146 W PF = 0.5558 F=50.00 Hz