

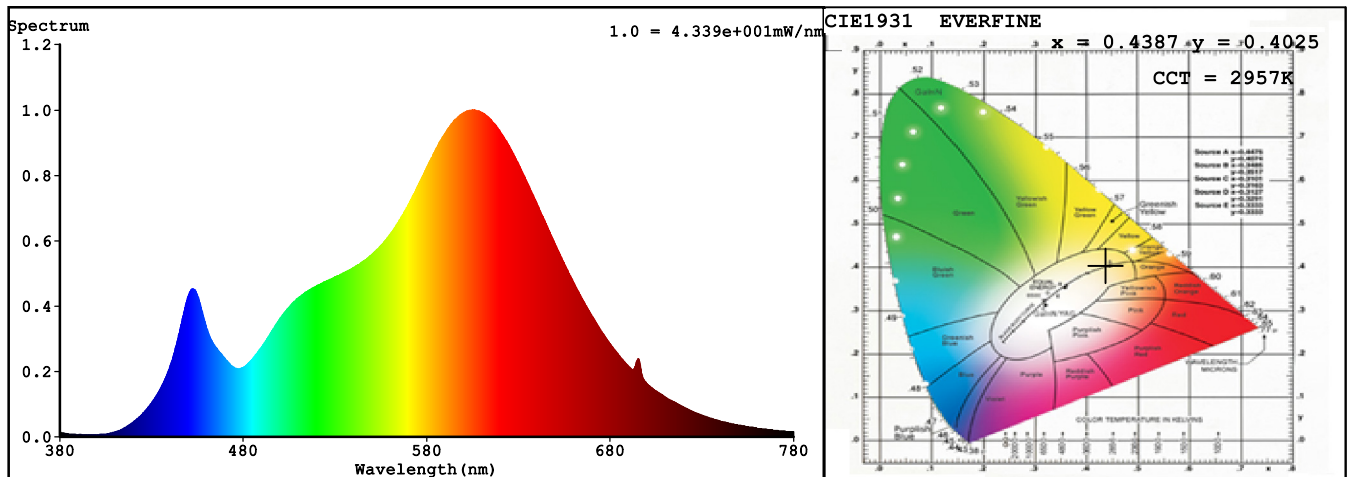
Spectrum Test Report

Sample	:	Date	: 2026-07-01 11:22:04
Specification	:	Standard	: tus
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52884 (81%)
Test Mode	: Fast Test	T	: 98 ms
Sensitivity	: High		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4387$ $y = 0.4025$ / $u' = 0.2524$ $v' = 0.5210$ ($duv = -8.88e-04$)

CCT= 2957K Prcp WL: $L_d = 583.3nm$ Purity=52.5%

Peak WL: $L_p = 606nm$ FWHM: $= 123.3nm$ Ratio: R=23.8% G=73.4% B=2.9%

Render Index: $R_a = 85.6$

R1 =85	R2 =95	R3 =94	R4 =85	R5 =87	R6 =95	R7 =83
R8 =62	R9 =15	R10=88	R11=87	R12=84	R13=88	R14=97
						R15=77

Photometric & Radiometric Parameters

Flux = 2746.2 lm Eff. : 105.91 lm/W Fe = 6.4137 W

Electrical parameters

V = 230.5 V I = 0.1126 A P = 25.93 W PF = 0.9605 F=49.99 Hz

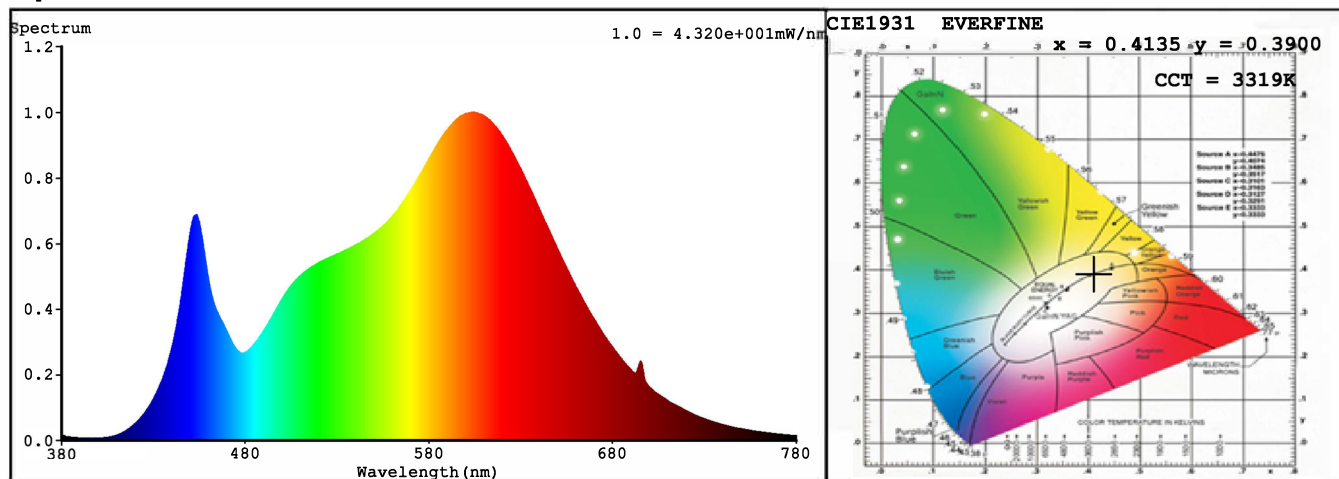
Spectrum Test Report

Sample	:	Date	: 2026-07-01 11:22:36
Specification	:	Standard	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52534 (80%)
Test Mode	: Fast Test	T	: 98 ms
Sensitivity	: High		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4135$ $y = 0.3900$ / $u' = 0.2414$ $v' = 0.5122$ ($duv = -2.01e-03$)

CCT= 3319K Prcp WL: $L_d = 582.4nm$ Purity=41.2%

Peak WL: $L_p = 603nm$ FWHM: $= 147.8nm$ Ratio: R=22.0% G=74.6% B=3.4%

Render Index: $R_a = 87.5$

R1 =88	R2 =95	R3 =95	R4 =87	R5 =88	R6 =94	R7 =85
R8 =67	R9 =24	R10=89	R11=89	R12=80	R13=90	R14=98
						R15=80

Photometric & Radiometric Parameters

Flux = 2789.4 lm Eff. : 108.75 lm/W Fe = 6.9353 W

Electrical parameters

V = 230.9 V I = 0.1110 A P = 25.65 W PF = 0.9616 F=49.99 Hz

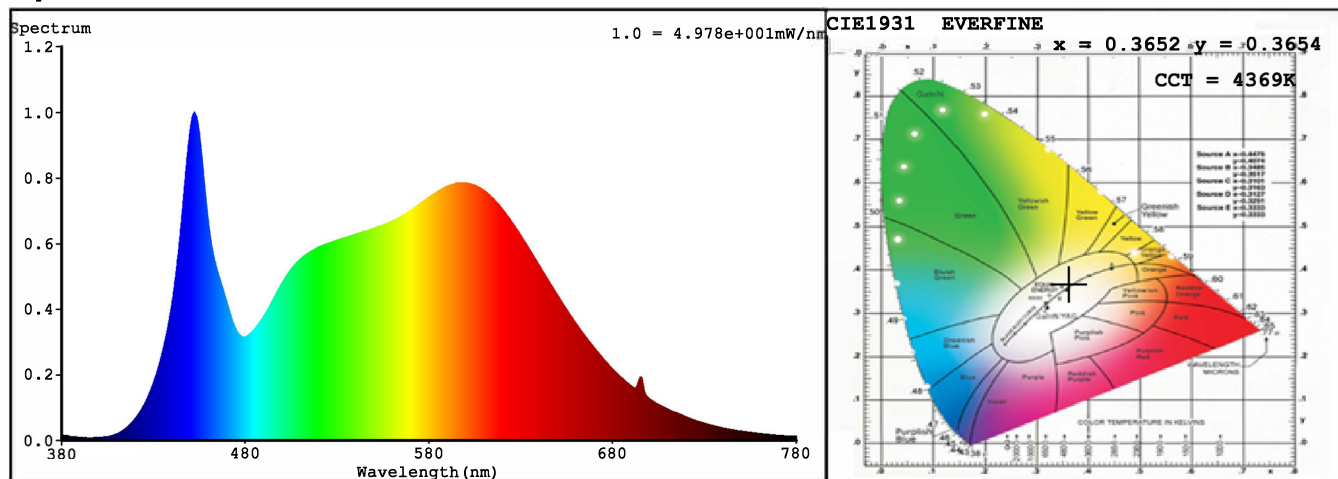
Spectrum Test Report

Sample	:	Date	: 2026-07-01 11:23:06
Specification	:	Standard	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47188 (72%)
Test Mode	: Fast Test	T	: 98 ms
Sensitivity	: High		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3652$ $y = 0.3654$ / $u' = 0.2195$ $v' = 0.4942$ ($duv = -6.26e-04$)

CCT= 4369K Prcp WL: $L_d = 578.0nm$ Purity=19.2%

Peak WL: $L_p = 452nm$ FWHM: $\approx 23.8nm$ Ratio: R=18.2% G=77.4% B=4.5%

Render Index: $R_a = 88.8$

R1 =88	R2 =94	R3 =97	R4 =89	R5 =88	R6 =91	R7 =89
R8 =74	R9 =33	R10=85	R11=89	R12=71	R13=90	R14=99
						R15=83

Photometric & Radiometric Parameters

Flux = 2805.1lm Eff. : 111.40 lm/W $F_e = 7.5537 W$

Electrical parameters

V = 230.9 V I = 0.1096 A P = 25.18 W PF = 0.9578 F=49.99 Hz

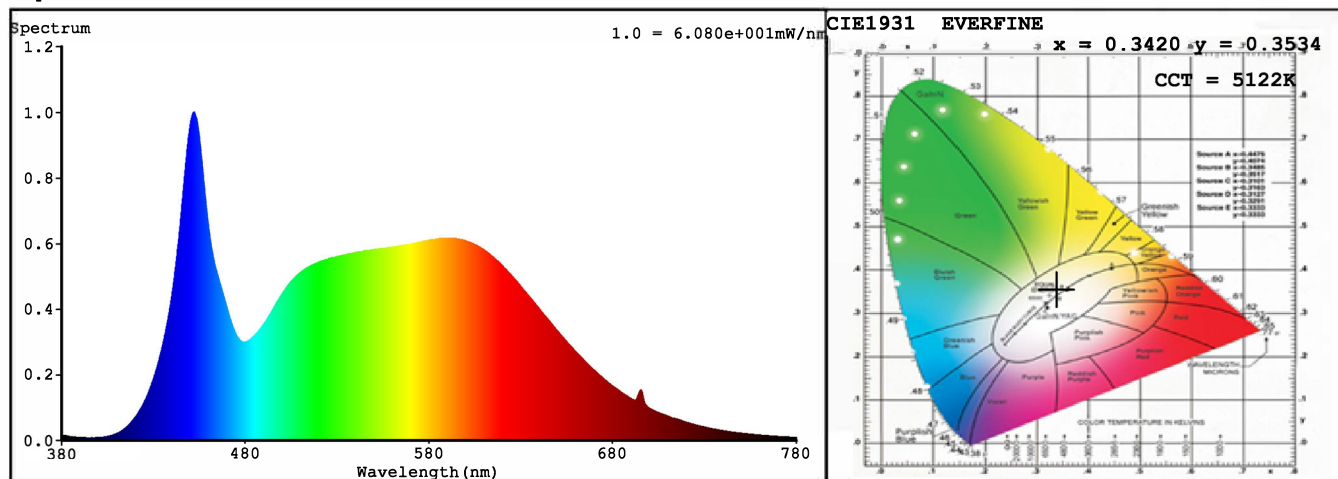
Spectrum Test Report

Sample	:		Date	:	2026-07-01 11:23:40
Specification	:		Standard	:	
Sample No.	:		Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	47184 (72%)
Test Mode	:	Fast Test	T	:	98 ms
Sensitivity	:	High			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3420$ $y = 0.3534$ / $u' = 0.2087$ $v' = 0.4851$ ($duv=2.12e-03$)

CCT= 5122K Prcp WL: $L_d=568.6nm$ Purity=8.7%

Peak WL: $L_p=452nm$ FWHM: $=23.8nm$ Ratio: R=16.1% G=78.8% B=5.0%

Render Index: $R_a = 87.7$

R1 =87	R2 =92	R3 =95	R4 =88	R5 =88	R6 =89	R7 =90	
R8 =74	R9 =28	R10=80	R11=89	R12=71	R13=88	R14=97	R15=82

Photometric & Radiometric Parameters

Flux = 2857.5 lm Eff. : 113.98lm/W Fe = 7.9858 W

Electrical parameters

V = 230.9 V I = 0.1099 A P = 25.07 W PF = 0.9603 F=49.99 Hz

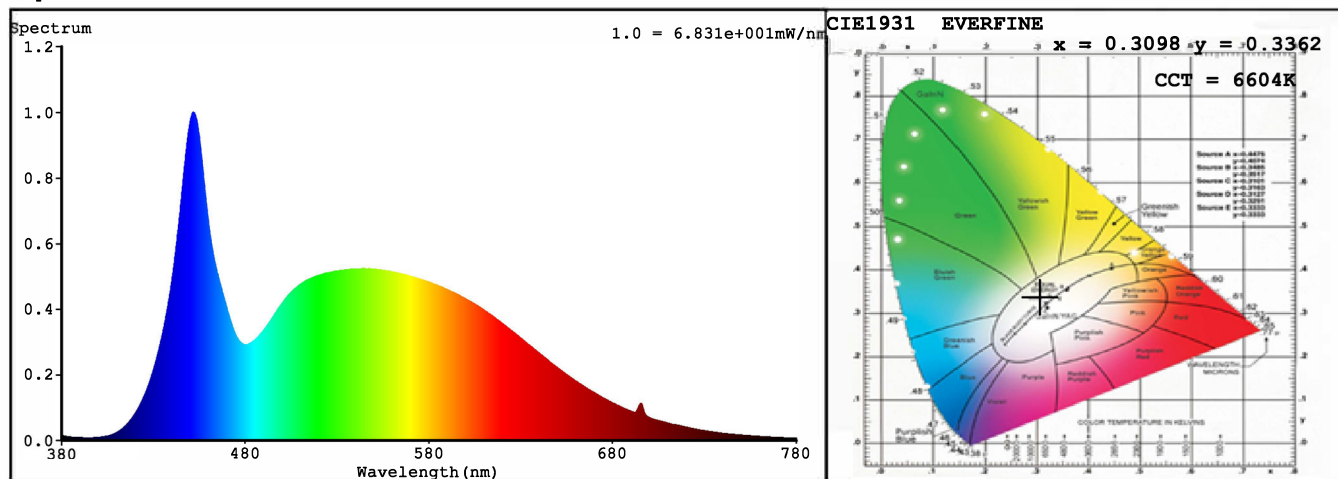
Spectrum Test Report

Sample	:		Date	:	2026-07-01 11:24:17
Specification	:		Standard	:	
Sample No.	:		Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52767 (81%)
Test Mode	:	Fast Test	T	:	116 ms
Sensitivity	:	High			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3098$ $y = 0.3362$ / $u' = 0.1932$ $v' = 0.4717$ ($duv=8.29e-03$)

CCT= 6604K Prcp WL: $L_d=493.3nm$ Purity=7.8%

Peak WL: $L_p=452nm$ FWHM: $\approx 25.0nm$ Ratio: R=13.1% G=81.0% B=5.9%

Render Index: $R_a = 84.3$

R1 =81	R2 =88	R3 =92	R4 =84	R5 =83	R6 =84	R7 =90	
R8 =73	R9 =14	R10=71	R11=83	R12=62	R13=83	R14=96	R15=76

Photometric & Radiometric Parameters

Flux = 2778.3 lm Eff. : 108.4 lm/W Fe = 7.6532 W

Electrical parameters

V = 230.8 V I = 0.1123 A P = 25.63 W PF = 0.9618 F=49.99 Hz