

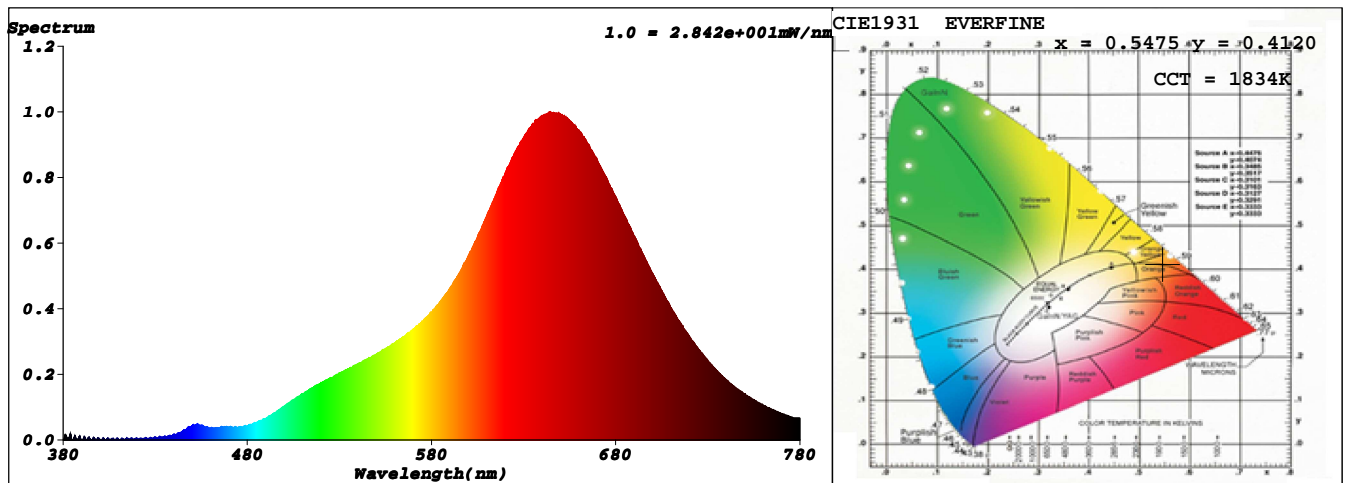
Spectrum Test Report

Sample	: 136051	Date	: 2025-12-11 19:55:28
Specification	:		:
Sample No.	: 1800K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 24548 (37%)
Test Mode	: Fast Test	T	: 20 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5475$ $y = 0.4120$ / $u' = 0.3197$ $v' = 0.5414$ ($duv=8.75e-04$)

CCT= 1834K Prcp WL: $L_d=590.3nm$ Purity=88.0%

Peak WL: $L_p=644nm$ FWHM: =106.7nm Ratio:R=38.4% G=60.6% B=1.1%

Render Index: $R_a = 96.1$

R1 =97 R2 =99 R3 =96 R4 =95 R5 =96 R6 =94 R7 =97
 R8 =95 R9 =89 R10=99 R11=88 R12=90 R13=97 R14=96 R15=98

WHITE:OUT

Photometric & Radiometric Parameters

Flux = 748.37 lm Eff. : 52.59 lm/W $F_e = 3.6961 W$

Electrical parameters

V = 24.00 V I = 0.5930 A P = 14.23 W PF = 1.000

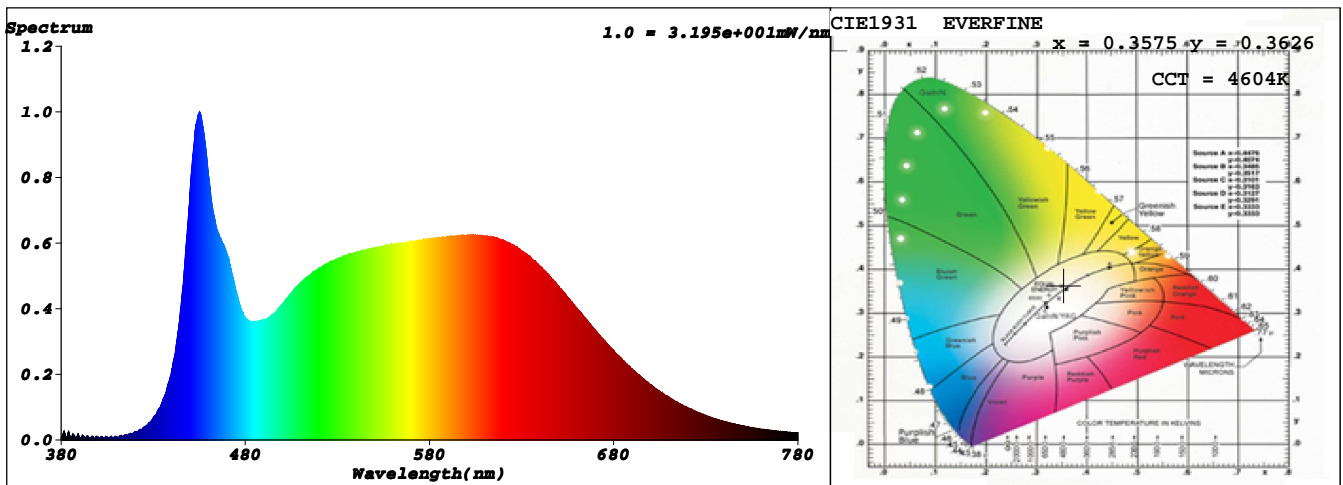
Spectrum Test Report

Sample	: 136051	Date	: 2025-12-11 19:56:10
Specification	:		:
Sample No.	: 4500K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 17548 (27%)
Test Mode	: Fast Test	T	: 20 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3575$ $y = 0.3626$ / $u' = 0.2155$ $v' = 0.4917$ ($duv=6.98e-04$)

CCT= 4604K Prcp WL: $L_d=575.7nm$ Purity=16.1%

Peak WL: $L_p=455nm$ FWHM: =26.6nm Ratio:R=18.0% G=76.7% B=5.2%

Render Index: $R_a = 92.1$

R1 =93 R2 =98 R3 =98 R4 =88 R5 =91 R6 =93 R7 =91
R8 =84 R9 =64 R10=93 R11=89 R12=65 R13=95 R14=99 R15=90

WHITE:ANSI_4500K

Photometric & Radiometric Parameters

Flux = 1321.2 lm Eff. : 92.43 lm/W $F_e = 4.4923 W$

Electrical parameters

V = 24.00 V I = 0.5956 A P = 14.29 W PF = 1.000

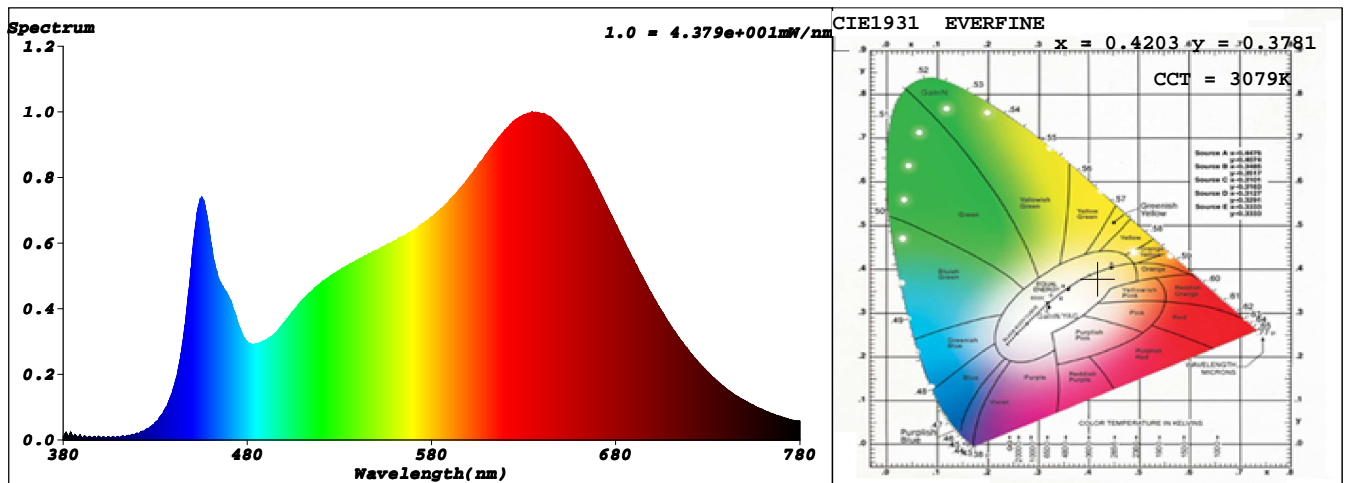
Spectrum Test Report

Sample	: 136051	Date	: 2025-12-11 19:56:27
Specification	:		:
Sample No.	: 1800K+4500K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 38031 (58%)
Test Mode	: Fast Test	T	: 20 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4203$ $y = 0.3781$ / $u' = 0.2510$ $v' = 0.5082$ ($duv = -8.37e-03$)

CCT= 3079K Prcp WL: $L_d = 586.3nm$ Purity=39.6%

Peak WL: $L_p = 635nm$ FWHM: =169.2nm Ratio:R=25.4% G=70.8% B=3.8%

Render Index: $R_a = 95.4$

R1 =94 R2 =94 R3 =97 R4 =98 R5 =94 R6 =91 R7 =96
R8 =98 R9 =93 R10=91 R11=95 R12=80 R13=94 R14=99 R15=94

WHITE:OUT

Photometric & Radiometric Parameters

Flux = 2006.4 lm Eff. : 71.67 lm/W $F_e = 7.9523 W$

Electrical parameters

V = 24.00 V I = 1.166 A P = 27.99 W PF = 1.000