

Spectrum Test Report

Sample :
Specification : 840-24v-10mm R
Sample No. : 2861
Manufacturer : EVERFINE

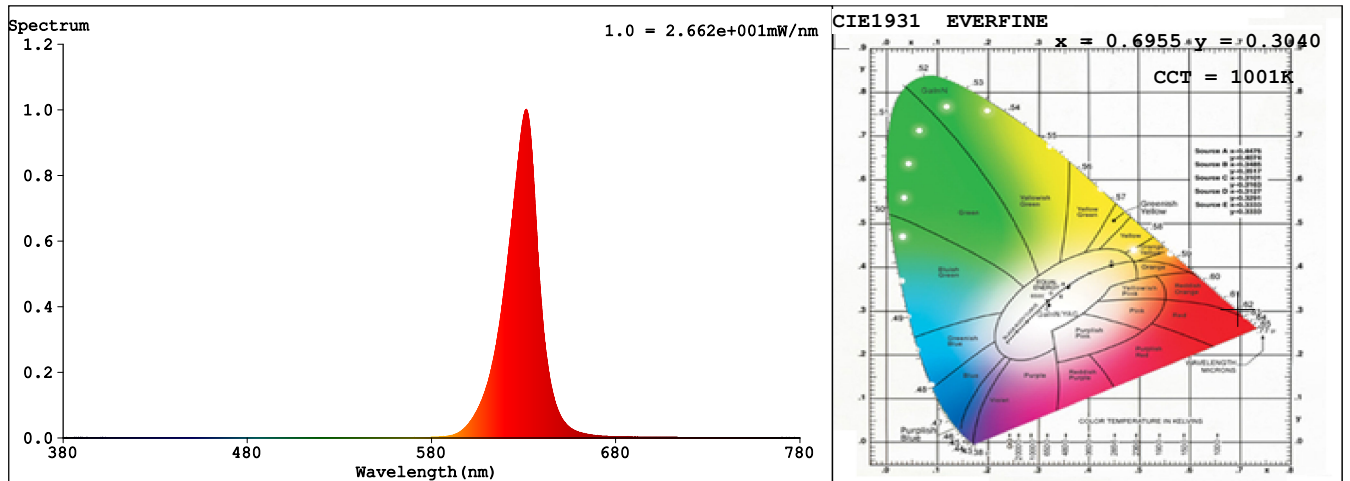
Date : 2025-02-25 08:43:03
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 52573 (80%)
T : 84 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6955$ $y = 0.3040$ / $u' = 0.5292$ $v' = 0.5205$ ($duv = -8.17e-02$)

CCT= 1001K Prcp WL: $L_d = 622.3nm$ Purity=99.9%

Peak WL: $L_p = 632nm$ FWHM: $= 18.0nm$ Ratio: R=97.5% G=2.5% B=0.0%

Render Index: $R_a = 10.7$

R1 =3 R2 =78 R3 =27 R4 =-32 R5 =-3 R6 =89 R7 =1
R8 =-78 R9 =-238 R10=71 R11=-19 R12=79 R13=28 R14=57 R15=-41

Photometric & Radiometric Parameters

Flux = 114.28 lm Eff. : 16.12 lm/W Fe = 574.76 mW

Electrical parameters

V = 24.00 V I = 0.2954 A P = 7.089 W PF = 1.000 F=0.00 Hz

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Spectrum Test Report

Sample :
Specification : 840-24v-10mm G
Sample No. : 2862
Manufacturer : EVERFINE

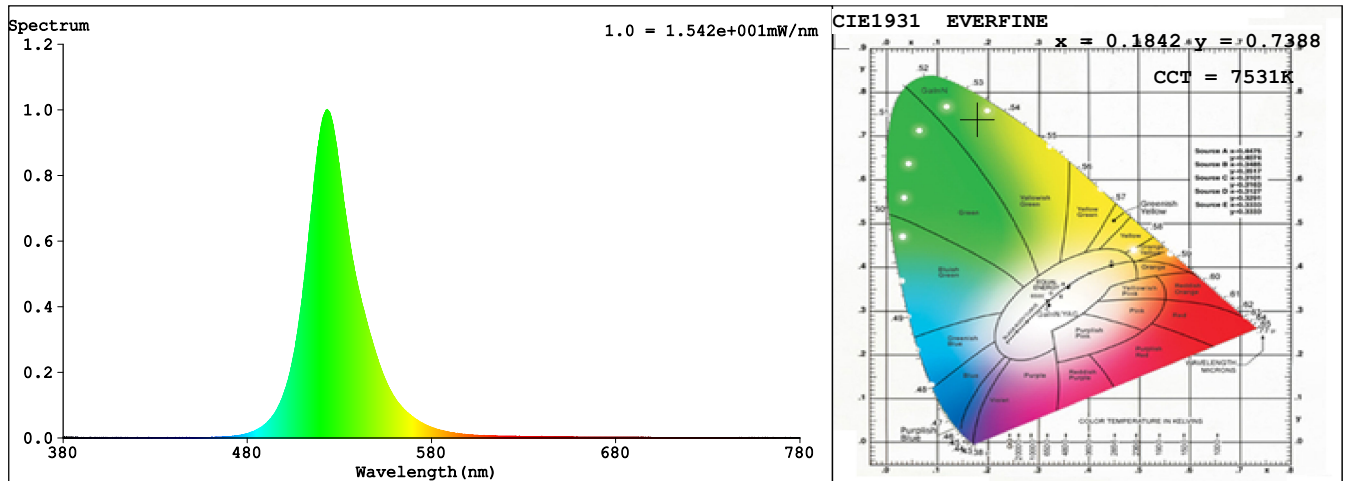
Date : 2025-02-25 08:43:52
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 52756 (81%)
T : 137 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1842$ $y = 0.7388$ / $u' = 0.0641$ $v' = 0.5783$ ($duv=1.55e-01$)

CCT= 7531K Prcp WL: $L_d=530.8nm$ Purity=86.5%

Peak WL: $L_p=524nm$ FWHM: $\approx 27.3nm$ Ratio: R=0.4% G=98.6% B=1.0%

Render Index: $R_a = -28.0$

$R_1 = -36$ $R_2 = -13$ $R_3 = -29$ $R_4 = -67$ $R_5 = -10$ $R_6 = -20$ $R_7 = -12$

$R_8 = -36$ $R_9 = -357$ $R_{10} = -117$ $R_{11} = -99$ $R_{12} = -40$ $R_{13} = -42$ $R_{14} = 35$ $R_{15} = -34$

Photometric & Radiometric Parameters

Flux = 272.11 lm Eff. : 82.58 lm/W Fe = 524.54 mW

Electrical parameters

V = 24.00 V I = 0.1373 A P = 3.295 W PF = 1.000 F=0.00 Hz

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Spectrum Test Report

Sample :
Specification : 840-24v-10mm B
Sample No. : 2863
Manufacturer : EVERFINE

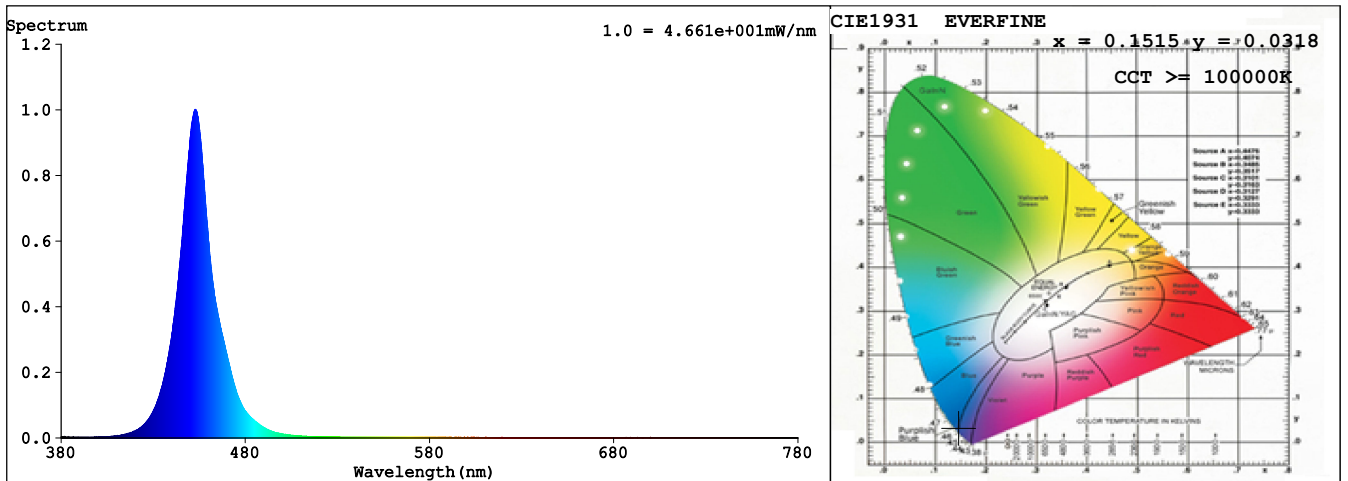
Date : 2025-02-25 08:44:33
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 53378 (81%)
T : 83 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1515$ $y = 0.0318$ / $u' = 0.1969$ $v' = 0.0929$ ($duv = -2.05e-01$)

CCT $\geq$ 1000000K Prcp WL: $L_d = 457.3\text{nm}$ Purity=98.0%

Peak WL: $L_p = 453\text{nm}$ FWHM: $\approx 17.9\text{nm}$ Ratio: R=1.7% G=13.3% B=85.0%

Render Index: $R_a = -53.9$

$R_1 = 4$ $R_2 = -44$ $R_3 = -160$ $R_4 = -96$ $R_5 = 16$ $R_6 = -51$ $R_7 = -58$

$R_8 = -42$ $R_9 = -217$ $R_{10} = -233$ $R_{11} = -120$ $R_{12} = -113$ $R_{13} = -17$ $R_{14} = -37$ $R_{15} = 17$

Photometric & Radiometric Parameters

Flux = 45.922 lm Eff. : 10.98 lm/W Fe = 1.1012 W

Electrical parameters

V = 24.00 V I = 0.1743 A P = 4.183 W PF = 1.000 F=0.00 Hz

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Spectrum Test Report

Sample :
Specification : 840-24v-10mm RGB-IP33
Sample No. : 2864
Manufacturer : EVERFINE

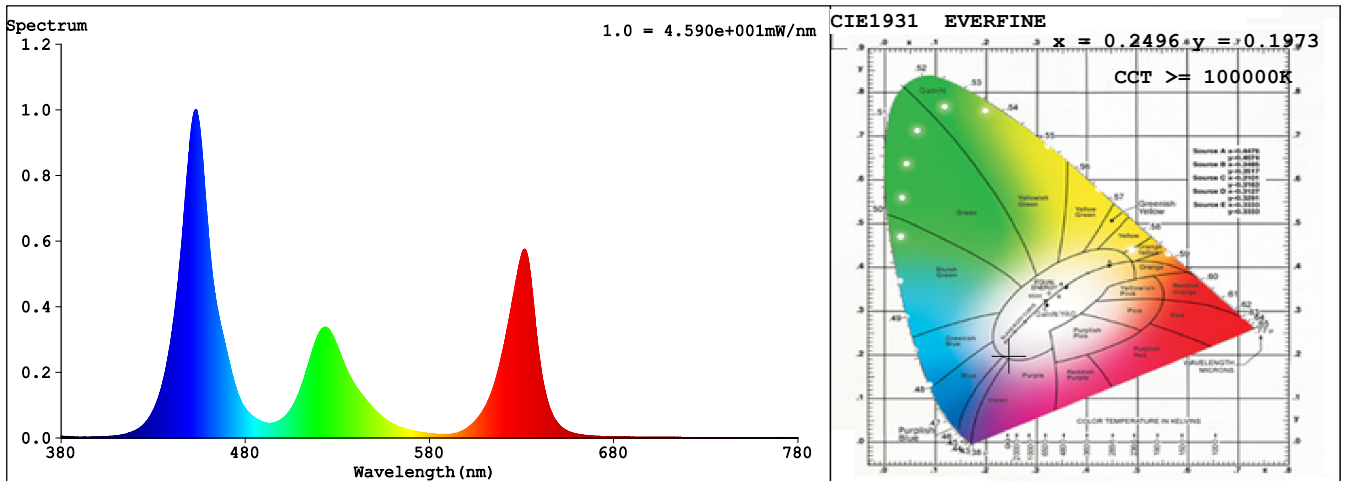
Date : 2025-02-25 08:44:58
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 52682 (80%)
T : 83 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2496$ $y = 0.1973$ / $u' = 0.2051$ $v' = 0.3647$ ($duv = -3.34e-02$)

CCT $\geq 1000000K$ Prcp WL: $L_d = 459.0nm$ Purity = 44.6%

Peak WL: $L_p = 453nm$ FWHM: $= 18.1nm$ Ratio: R=26.0% G=64.3% B=9.7%

Render Index: $R_a = 33.6$

R1 = 5	R2 = 57	R3 = 61	R4 = 16	R5 = 33	R6 = 60	R7 = 62	
R8 = -25	R9 = -292	R10 = 18	R11 = -6	R12 = 62	R13 = 14	R14 = 70	R15 = -23

Photometric & Radiometric Parameters

Flux = 428.87 lm Eff. : 29.55 lm/W Fe = 2.1837 W

Electrical parameters

V = 24.00 V I = 0.6047 A P = 14.51 W PF = 1.000 F = 0.00 Hz

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