

Spectrum Test Report

Sample :
Specification : 1080-24V-12MM R
Sample No. : 1269
Manufacturer : EVERFINE

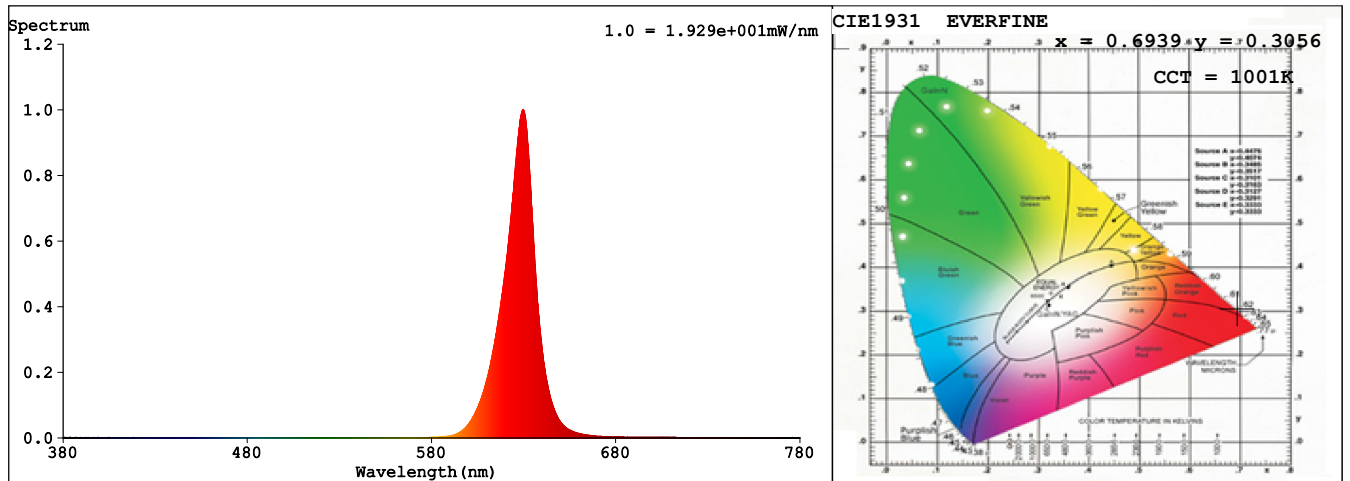
Date : 2025-04-22 17:17:12
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52059 (79%)
T : 123 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6939$ $y = 0.3056$ / $u' = 0.5257$ $v' = 0.5210$ ($duv = -7.82e-02$)

CCT= 1001K Prcp WL: $L_d = 621.4\text{nm}$ Purity=99.9%

Peak WL: $L_p = 630\text{nm}$ FWHM: $= 16.8\text{nm}$ Ratio: R=97.5% G=2.4% B=0.0%

Render Index: $R_a = 9.9$

R1 =3 R2 =78 R3 =26 R4 =-33 R5 =-4 R6 =90 R7 =-0
R8 =-80 R9 =-241 R10=71 R11=-19 R12=79 R13=28 R14=57 R15=-42

Photometric & Radiometric Parameters

Flux = 82.846 lm Eff. : 12.86 lm/W Fe = 398.47 mW

Electrical parameters

V = 24.00 V I = 0.2684 A P = 6.441 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 1080-24V-12MM G
Sample No. : 1270
Manufacturer : EVERFINE

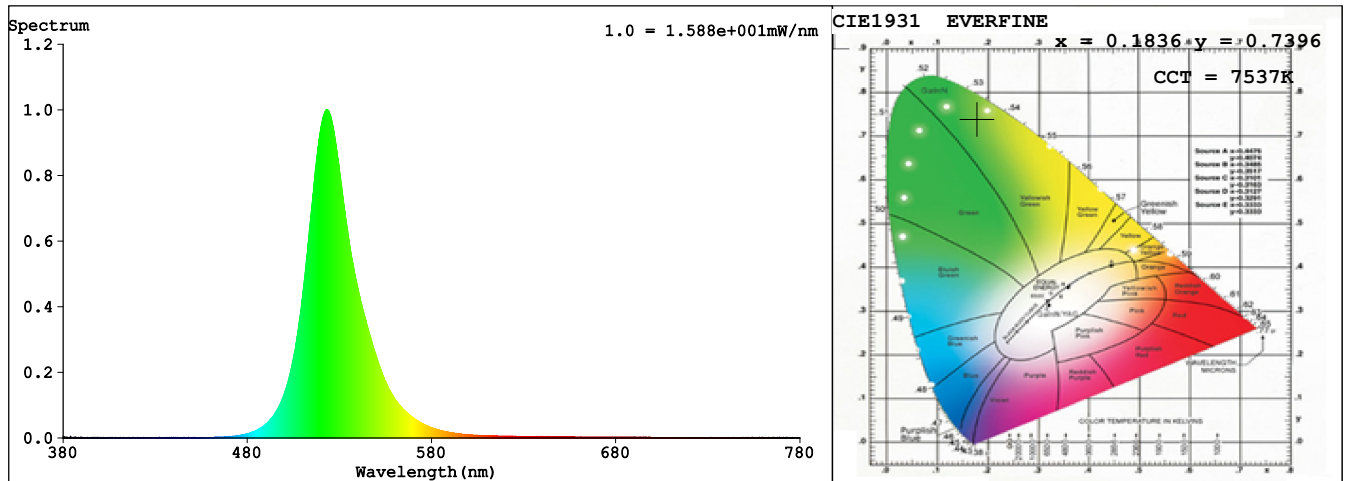
Date : 2025-04-22 17:17:40
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 45167 (69%)
T : 123 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1836$ $y = 0.7396$ / $u' = 0.0638$ $v' = 0.5784$ ($duv=1.55e-01$)

CCT= 7537K Prcp WL: $L_d=530.7nm$ Purity=86.6%

Peak WL: $L_p=523nm$ FWHM: $=27.1nm$ Ratio:R=0.4% G=98.6% B=1.0%

Render Index: $R_a = -28.2$

$R_1 = -36$ $R_2 = -13$ $R_3 = -30$ $R_4 = -67$ $R_5 = -10$ $R_6 = -20$ $R_7 = -13$

$R_8 = -36$ $R_9 = -356$ $R_{10} = -118$ $R_{11} = -99$ $R_{12} = -40$ $R_{13} = -42$ $R_{14} = 35$ $R_{15} = -34$

Photometric & Radiometric Parameters

Flux = 277.73 lm Eff. : 68.76 lm/W Fe = 535.49 mW

Electrical parameters

V = 24.00 V I = 0.1683 A P = 4.039 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 1080-24V-12MM B
Sample No. : 1271
Manufacturer : EVERFINE

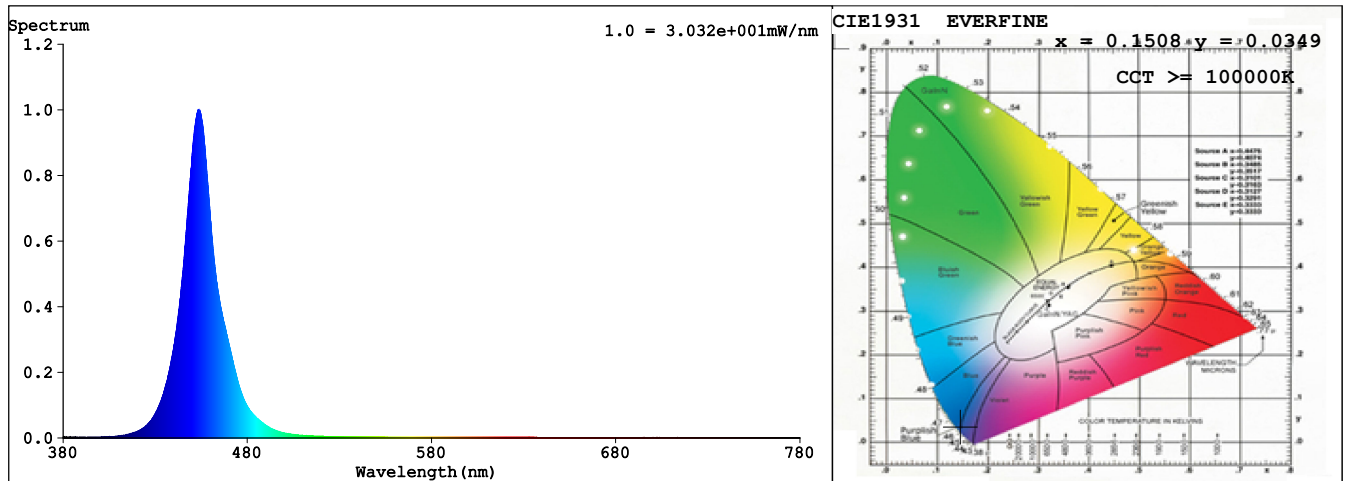
Date : 2025-04-22 17:17:58
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 48400 (74%)
T : 123 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1508$ $y = 0.0349$ / $u' = 0.1934$ $v' = 0.1008$ ($duv = -1.99e-01$)

CCT>=1000000K Prcp WL: $L_d = 458.5\text{nm}$ Purity=97.5%

Peak WL: $L_p = 454\text{nm}$ FWHM: =18.0nm Ratio:R=1.9% G=16.3% B=81.9%

Render Index: $R_a = -50.5$

$R_1 = 8$ $R_2 = -39$ $R_3 = -156$ $R_4 = -94$ $R_5 = 19$ $R_6 = -45$ $R_7 = -56$

$R_8 = -41$ $R_9 = -210$ $R_{10} = -222$ $R_{11} = -119$ $R_{12} = -103$ $R_{13} = -11$ $R_{14} = -35$ $R_{15} = 20$

Photometric & Radiometric Parameters

Flux = 32.987 lm Eff. : 8.51 lm/W Fe = 727.02 mW

Electrical parameters

V = 24.00 V I = 0.1615 A P = 3.876 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 1080-24V-12MM RGB IP33
Sample No. : 1272
Manufacturer : EVERFINE

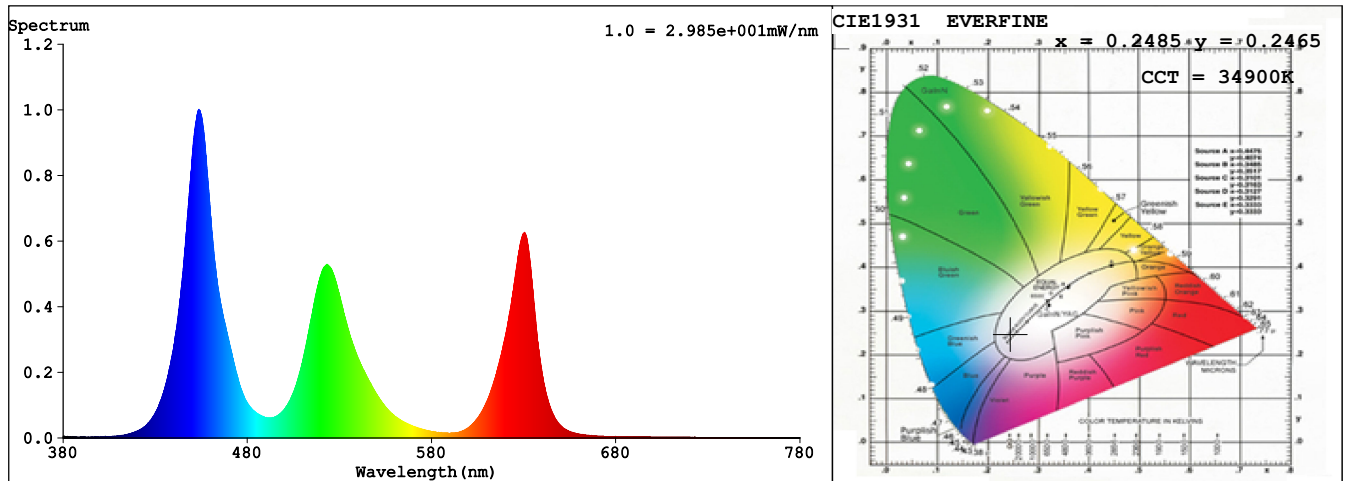
Date : 2025-04-22 17:18:22
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 50250 (77%)
T : 123 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2485$ $y = 0.2465$ / $u' = 0.1820$ $v' = 0.4063$ ($duv = -4.17e-05$)

CCT= 34900K Prcp WL: $L_d = 476.5\text{nm}$ Purity=37.1%

Peak WL: $L_p = 454\text{nm}$ FWHM: =18.2nm Ratio:R=20.4% G=72.0% B=7.7%

Render Index: $R_a = 58.0$

R1 =46	R2 =89	R3 =54	R4 =43	R5 =66	R6 =90	R7 =65	
R8 =11	R9 =-170	R10=86	R11=25	R12=61	R13=56	R14=70	R15=26

Photometric & Radiometric Parameters

Flux = 386.93 lm Eff. : 26.99 lm/W Fe = 1.6389 W

Electrical parameters

V = 24.00 V I = 0.5974 A P = 14.34 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>