

Spectrum Test Report

Sample :
Specification : 576-24v-10mm R
Sample No. : 1346
Manufacturer : EVERFINE
Instrument number: 1

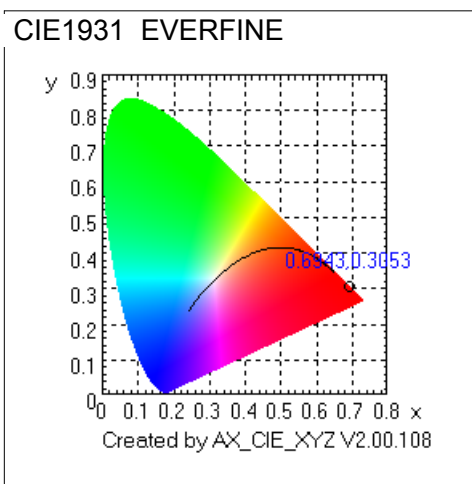
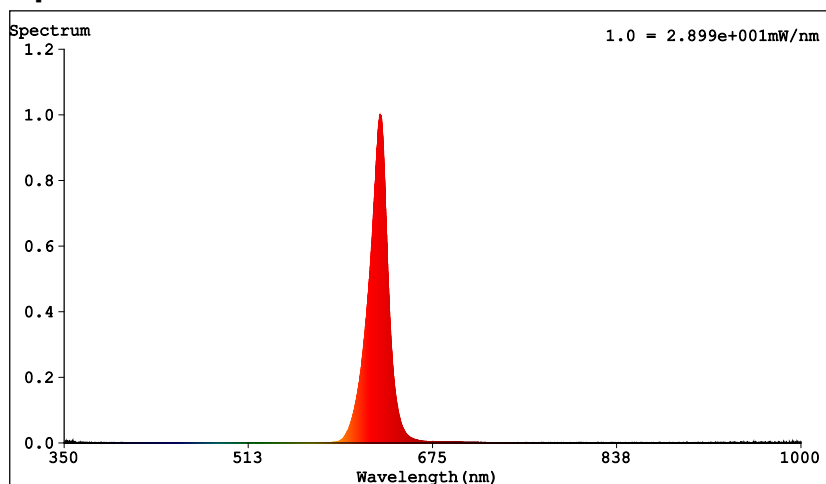
Date : 2025-04-15 16:35:23
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 57465 (88%)
T : 174 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6943$ $y = 0.3053$ / $u' = 0.5266$ $v' = 0.5209$ ($duv = -7.90e-02$)

CCT<=1000K Prcp WL: Ld=621.6nm Purity=99.9%

Peak WL: Lp=629nm FWHM: =16.7nm Ratio:R=98.4% G=1.6% B=0.0%

Render Index: Ra = 23.9

R1 =1 R2 =78 R3 =23 R4 =0 R5 =0 R6 =90 R7 =0
R8 =0 R9 =0 R10=71 R11=0 R12=78 R13=27 R14=55 R15=0

TLCI = 1.5

Photometric & Radiometric Parameters

Flux = 122.41 lm Eff. : 21.95 lm/W Fe = 586.14 mW

(EQE):127.54%

Kred: 0.89905

Electrical parameters

V = 24.00 V I = 0.2324 A P = 5.577 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 576-24v-10mm G
Sample No. : 1347
Manufacturer : EVERFINE
Instrument number: 1

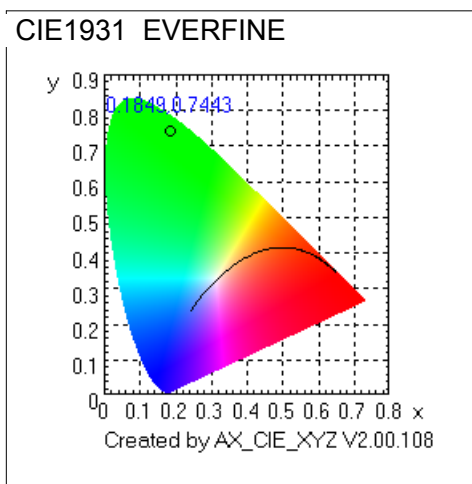
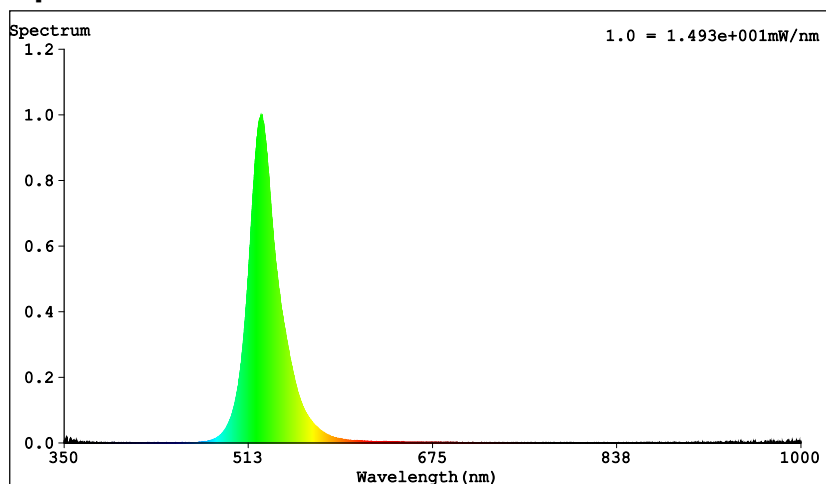
Date : 2025-04-15 16:36:20
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 42512 (65%)
T : 174 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1849$ $y = 0.7443$ / $u' = 0.0640$ $v' = 0.5794$ ($duv=1.56e-01$)

CCT= 7497K Prcp WL: $L_d=531.3nm$ Purity=88.1%

Peak WL: $L_p=525nm$ FWHM: $=26.3nm$ Ratio:R=0.4% G=98.9% B=0.8%

Render Index: $R_a = 0.0$

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=32 R15=0

TLCI = 2.5

Photometric & Radiometric Parameters

Flux = 255.71 lm Eff. : 95.14 lm/W $Fe = 489.28 mW$

(EQE):186.86%

Kred: 0.00197

Electrical parameters

V = 24.00 V I = 0.1120 A P = 2.688 W PF = 1.000

Freq=0.00 Hz

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Spectrum Test Report

Sample :
Specification : 576-24v-10mm B
Sample No. : 1348
Manufacturer : EVERFINE
Instrument number: 1

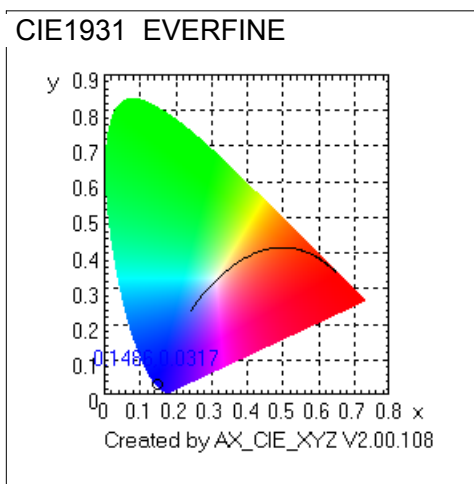
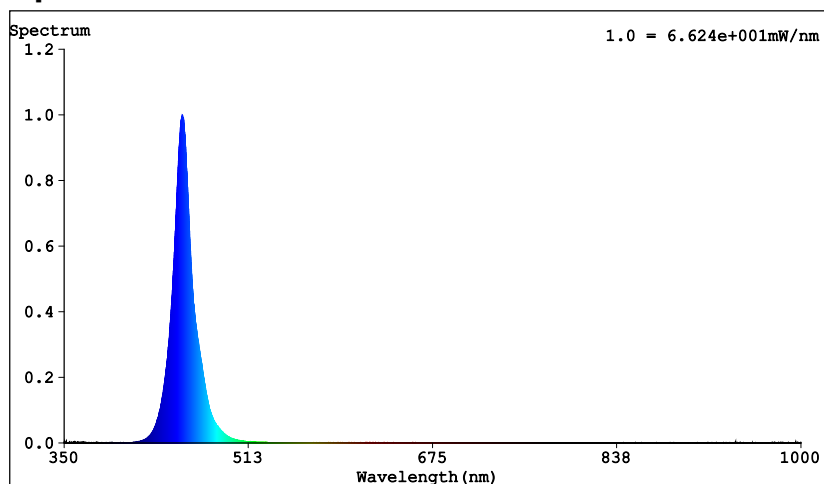
Date : 2025-04-15 16:36:53
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 57357 (88%)
T : 69 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1486$ $y = 0.0317$ / $u' = 0.1928$ $v' = 0.0926$ ($duv = -2.05e-01$)

CCT $\geq 1000000K$ Prcp WL: $L_d = 458.6nm$ Purity = 98.6%

Peak WL: $L_p = 454nm$ FWHM: $= 16.9nm$ Ratio: R=0.5% G=8.0% B=91.5%

Render Index: $R_a = 0.2$

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 2 R6 = 0 R7 = 0
R8 = 0 R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0 R14 = 0 R15 = 0

TLCI = 0.6

Photometric & Radiometric Parameters

Flux = 60.925 lm Eff. : 12.26 lm/W $\Phi_e = 1.4618 W$

(EQE): 259.7%

Kred: 0.00362

Electrical parameters

V = 24.00 V I = 0.2071 A P = 4.970 W PF = 1.000

Freq = 0.00 Hz

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<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 576-24v-10mm RGB-IP33
Sample No. : 1349
Manufacturer : EVERFINE
Instrument number: 1

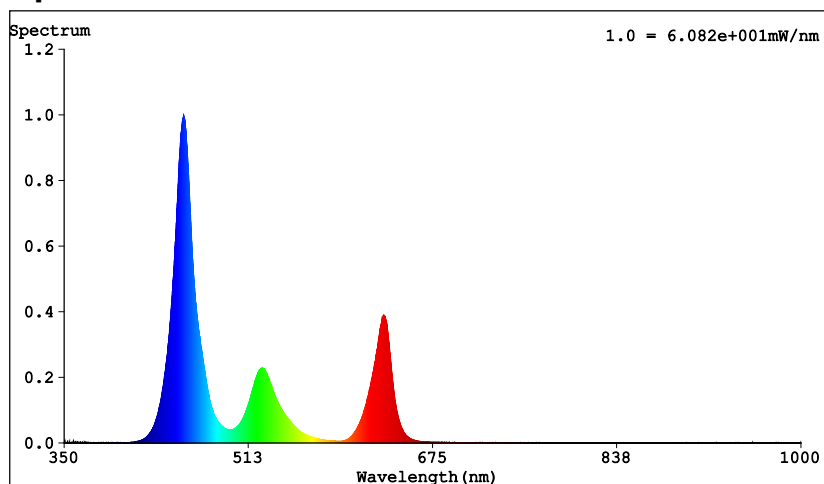
Date : 2025-04-15 16:40:28
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

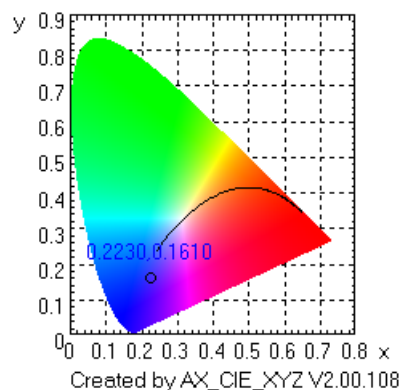
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 53138 (81%)
T : 69 ms
Sensitivity : High

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2230$ $y = 0.1610$ / $u' = 0.1989$ $v' = 0.3230$ ($duv = -5.38e-02$)

CCT $\geq 100000K$ Prcp WL: $L_d = 461.9nm$ Purity = 57.4%

Peak WL: $L_p = 455nm$ FWHM: $= 18.5nm$ Ratio: R=23.7% G=61.8% B=14.5%

Render Index: $R_a = 44.4$

R1 = 15 R2 = 39 R3 = 86 R4 = 58 R5 = 42 R6 = 45 R7 = 72
R8 = 0 R9 = 0 R10 = 0 R11 = 45 R12 = 43 R13 = 13 R14 = 89 R15 = 0

TLCI = 19.5

Photometric & Radiometric Parameters

Flux = 406.14 lm Eff. : 30.33 lm/W $\Phi_e = 2.4080 W$

(EQE): 176.4%

Kred: 0.22110

Electrical parameters

$V = 24.00 V$ $I = 0.5580 A$ $P = 13.39 W$ PF = 1.000

Freq = 0.00 Hz