

Spectrum Test Report

Sample :
Specification : 640-24v-10mm 2700k
Sample No. : 4889
Manufacturer : EVERFINE

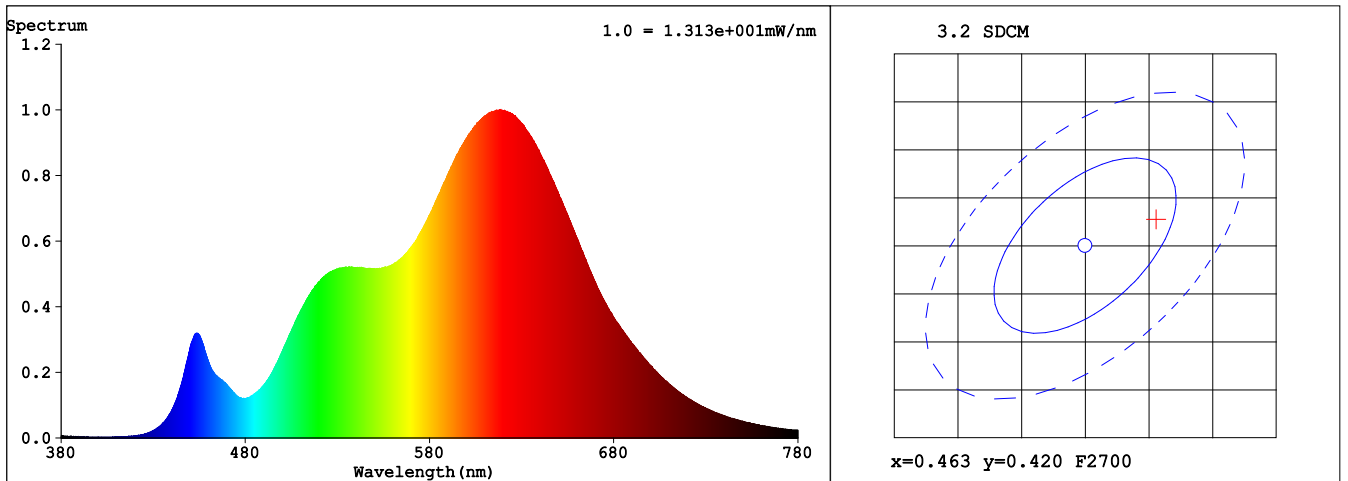
Date : 2025-04-16 10:11:47
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53475 (82%)
T : 164 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4686$ $y = 0.4227$ / $u' = 0.2627$ $v' = 0.5332$ ($duv=3.69e-03$)

CCT= 2674K Prcp WL: Ld=583.2nm Purity=67.6%

Peak WL: Lp=619nm FWHM: =143.4nm Ratio:R=26.9% G=71.2% B=1.9%

Render Index: Ra = 93.4

R1 =94 R2 =96 R3 =98 R4 =97 R5 =94 R6 =98 R7 =92
R8 =78 R9 =48 R10=90 R11=97 R12=82 R13=95 R14=97 R15=86

Photometric & Radiometric Parameters

Flux = 576.93 lm Eff. : 68.76 lm/W Fe = 1.8815 W

Electrical parameters

V = 24.00 V I = 0.3496 A P = 8.390 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 640-24v-10mm 6500k
Sample No. : 4890
Manufacturer : EVERFINE

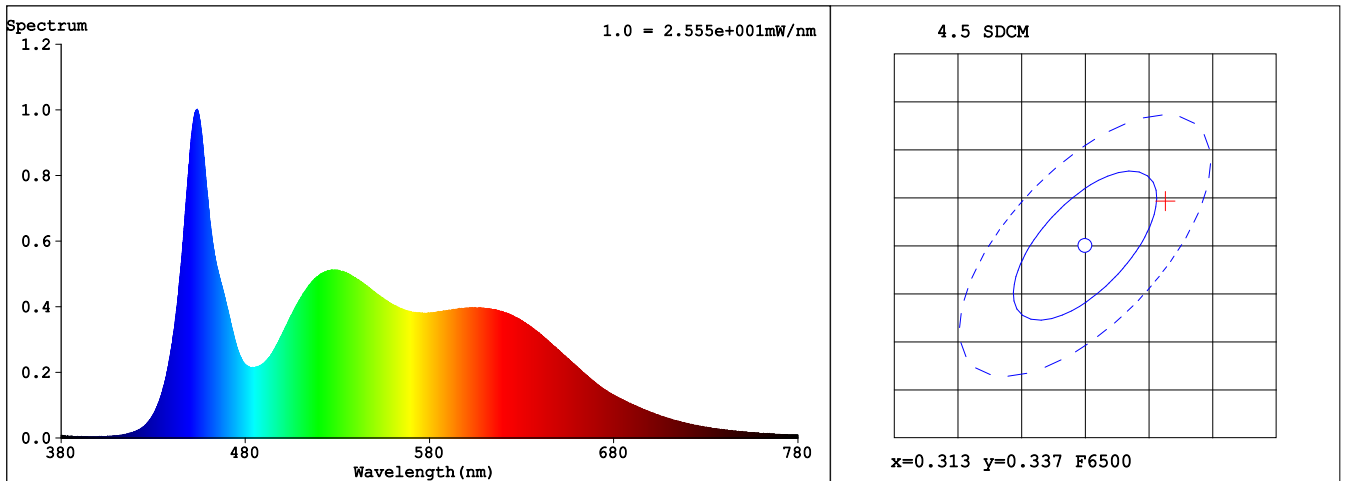
Date : 2025-04-16 10:12:28
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 58288 (89%)
T : 164 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3193$ $y = 0.3416$ / $u' = 0.1977$ $v' = 0.4759$ ($duv=6.36e-03$)

CCT= 6100K Prcp WL: $L_d=499.5nm$ Purity=4.3%

Peak WL: $L_p=454nm$ FWHM: $=20.8nm$ Ratio: R=15.4% G=79.2% B=5.4%

Render Index: $R_a = 92.2$

R1 =94	R2 =93	R3 =91	R4 =94	R5 =92	R6 =90	R7 =97	
R8 =89	R9 =65	R10=82	R11=92	R12=61	R13=94	R14=95	R15=91

Photometric & Radiometric Parameters

Flux = 767.56 lm Eff. : 89.76 lm/W Fe = 2.5707 W

Electrical parameters

V = 24.00 V I = 0.3563 A P = 8.551 W PF = 1.000 F=0.00 Hz

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Spectrum Test Report

Sample :
Specification : 640-24v-10mm -2700k-6500k IP33
Sample No. : 4891
Manufacturer : EVERFINE

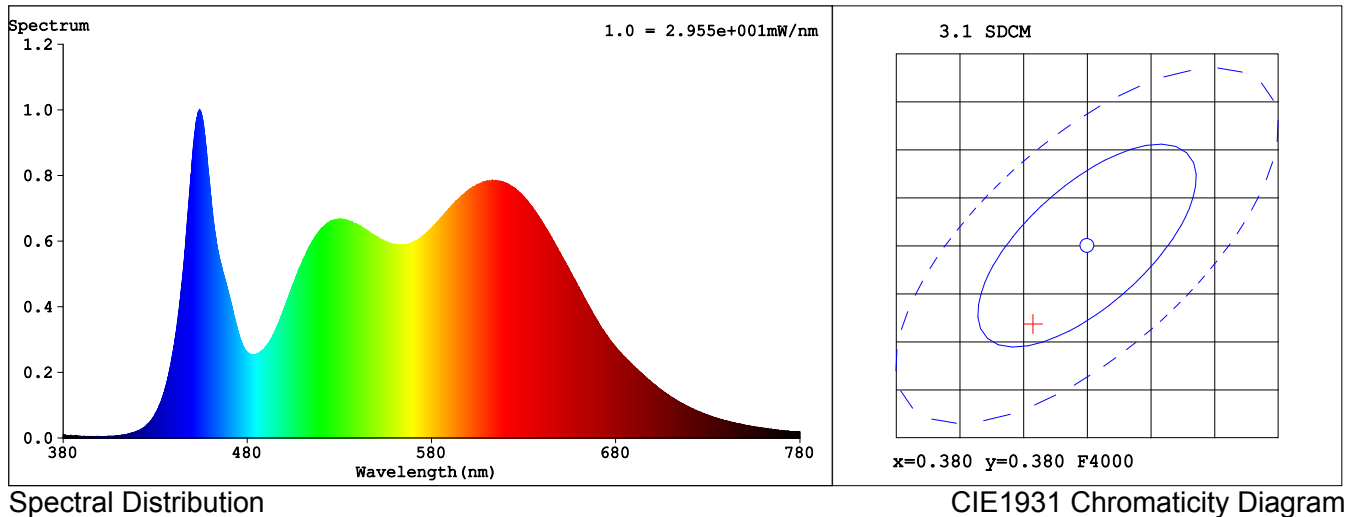
Date : 2025-04-16 10:13:04
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 47439 (72%)
T : 82 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3757$ $y = 0.3719$ / $u' = 0.2240$ $v' = 0.4987$ ($duv = -9.13e-04$)

CCT= 4095K Prcp WL: $L_d = 579.3\text{nm}$ Purity=24.3%

Peak WL: $L_p = 454\text{nm}$ FWHM: $\approx 22.0\text{nm}$ Ratio: R=20.3% G=75.7% B=4.0%

Render Index: $R_a = 95.7$

R1 =98	R2 =98	R3 =95	R4 =98	R5 =97	R6 =95	R7 =96	
R8 =90	R9 =73	R10=92	R11=95	R12=70	R13=99	R14=96	R15=95

Photometric & Radiometric Parameters

Flux = 1350.8 lm Eff. : 77.62 lm/W $F_e = 4.4783\text{ W}$

Electrical parameters

V = 24.00 V I = 0.7252 A P = 17.40 W PF = 1.000 F=0.00 Hz

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