

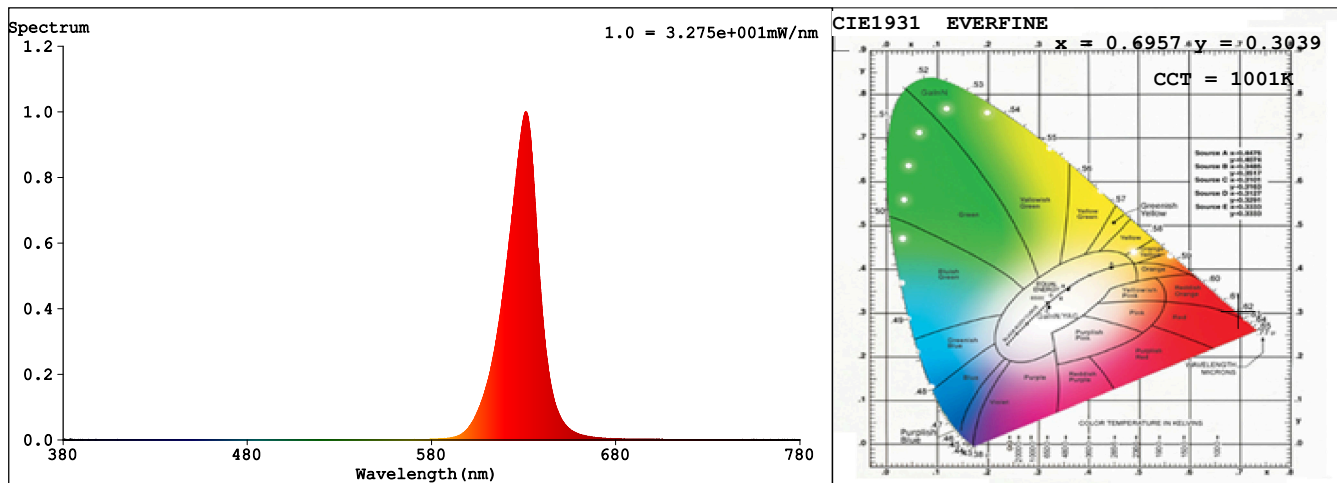
COB LED Strip RGB+W 4000K Spectrum Test Report

Sample	:	Date	: 2024-06-28 16:26:26
Specification	: 784-24v-12mm R	Sam. Status	:
Sample No.	: 2918	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53144 (81%)
Test Mode	: Fast Test	T	: 69 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6957$ $y = 0.3039$ / $u' = 0.5296$ $v' = 0.5204$ ($duv = -8.21e-02$)
 CCT= 1001K Prcp WL: $L_d = 622.4nm$ Purity=99.9%
 Peak WL: $L_p = 631nm$ FWHM: =18.7nm Ratio:R=97.9% G=2.1% B=0.0%

Render Index: $R_a = 10.1$

R1 =3 R2 =78 R3 =27 R4 =-33 R5 =-3 R6 =89 R7 =-0
 R8 =-80 R9 =-241 R10=71 R11=-19 R12=79 R13=28 R14=57 R15=-42

Photometric & Radiometric Parameters

Flux = 143.72 lm Eff. : 21.18 lm/W Fe = 721.72 mW

Electrical parameters

V = 24.00 V I = 0.2827 A P = 6.785 W PF = 1.000 F=0.00 Hz

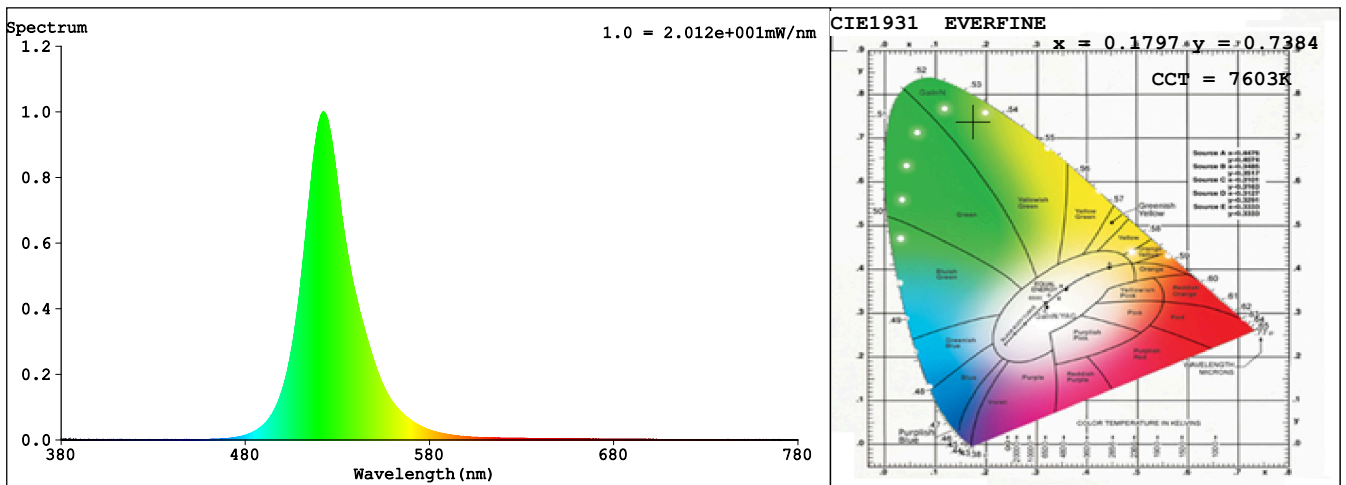
COB LED Strip RGB+W 4000K Spectrum Test Report

Sample :	Date :	2024-06-28 16:26:46
Specification : 784-24v-12mm G	Sam. Status :	
Sample No. : 2919	Instrument :	HaasSuite(EVERFINE)
Manufacturer : EVERFINE	Test by :	DAMIN
	Assessor :	damin

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52581 (80%)
Test Mode : Fast Test	T : 105 ms
	Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1797, y = 0.7384 / u' = 0.0625, v' = 0.5778$ (duv=1.56e-01)
 CCT= 7603K Prcp WL: Ld=529.9nm Purity=85.7%
 Peak WL: Lp=522nm FWHM: =27.3nm Ratio:R=0.4% G=98.5% B=1.1%

Render Index: Ra = -27.8

R1 =-35 R2 =-13 R3 =-30 R4 =-67 R5 =-10 R6 =-20 R7 =-12
 R8 =-35 R9 =-354 R10=-117 R11=-98 R12=-39 R13=-42 R14=35 R15=-33

Photometric & Radiometric Parameters

Flux = 349.95 lm Eff. : 116.56 lm/W Fe = 684.43 mW

Electrical parameters

V = 24.00 V I = 0.1251 A P = 3.002 W PF = 1.000 F=0.00 Hz

COB LED Strip RGB+W 4000K Spectrum Test Report

Sample :
 Specification : 784-24v-12mm B
 Sample No. : 2920
 Manufacturer : EVERFINE

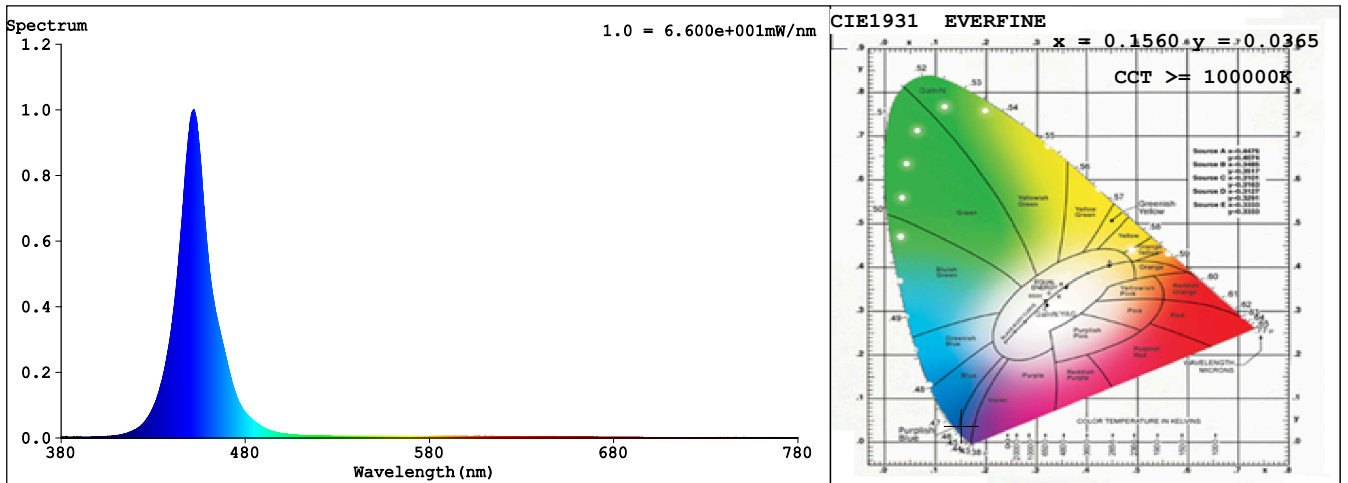
Date : 2024-06-28 16:26:15
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 46726 (71%)
 T : 52 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1560$ $y = 0.0365$ / $u' = 0.1996$ $v' = 0.1052$ ($duv = -1.97e-01$)
 CCT>=1000000K Prcp WL: $L_d = 456.5nm$ Purity=96.2%
 Peak WL: $L_p = 452nm$ FWHM: =17.6nm Ratio:R=4.6% G=24.7% B=70.7%

Render Index: $R_a = -41.7$

R1 =45 R2 =-36 R3 =-170 R4 =-91 R5 =47 R6 =-32 R7 =-59
 R8 =-38 R9 =-95 R10=-245 R11=-107 R12=-88 R13=18 R14=-37 R15=47

Photometric & Radiometric Parameters

Flux = 75.548 lm Eff. : 17.95 lm/W Fe = 1.5868 W

Electrical parameters

V = 24.00 V I = 0.1754 A P = 4.209 W PF = 1.000 F=0.00 Hz

COB LED Strip RGB+W 4000K Spectrum Test Report

Sample :
 Specification : 784-24v-12mm W-4000K
 Sample No. : 2921
 Manufacturer : EVERFINE

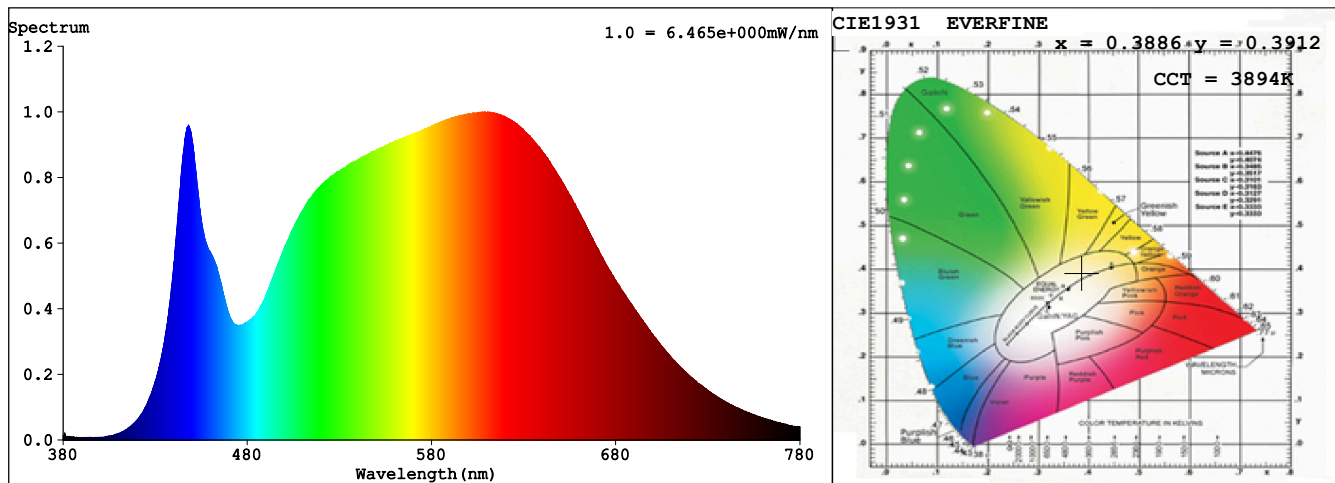
Date : 2024-06-28 16:26:35
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 50077 (76%)
 T : 298 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3886$ $y = 0.3912$ / $u' = 0.2247$ $v' = 0.5090$ ($duv=4.30e-03$)
 CCT= 3894K Prcp WL: $L_d=577.5nm$ Purity=34.0%
 Peak WL: $L_p=609nm$ FWHM: =184.2nm Ratio:R=19.3% G=77.0% B=3.6%

Render Index: Ra = 89.9

R1 =89 R2 =92 R3 =94 R4 =91 R5 =88 R6 =89 R7 =94
 R8 =82 R9 =52 R10=81 R11=90 R12=71 R13=89 R14=97 R15=85

Photometric & Radiometric Parameters

Flux = 405.37 lm Eff. : 75.10 lm/W Fe = 1.3495 W

Electrical parameters

V = 24.00 V I = 0.2249 A P = 5.397 W PF = 1.000 F=0.00 Hz

COB LED Strip RGB+W 4000K Spectrum Test Report

Sample :
Specification : 784-24v-12mm RGBW
Sample No. : 2922
Manufacturer : EVERFINE

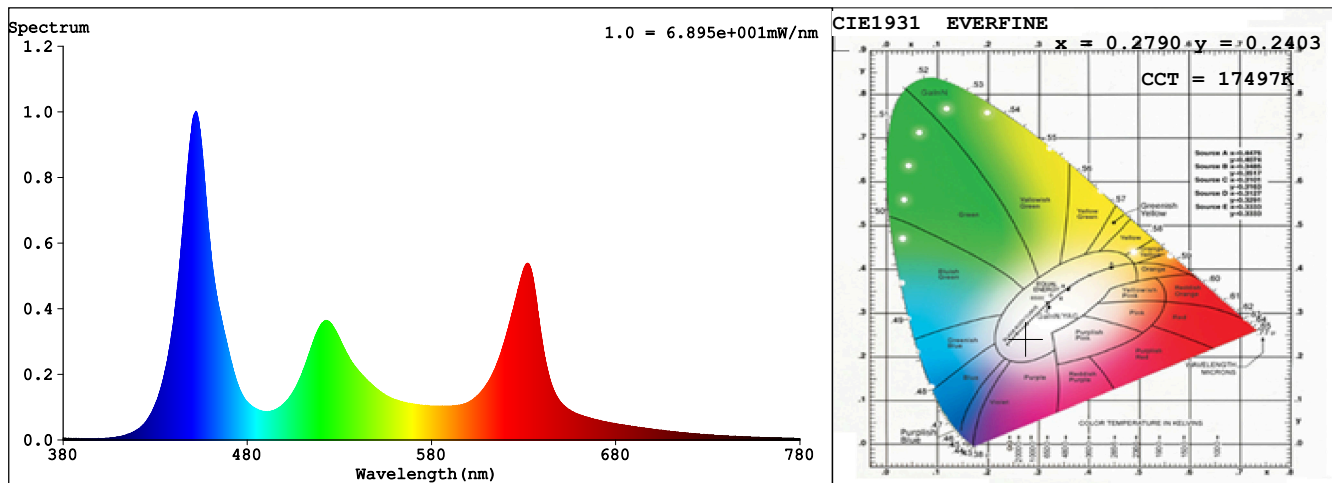
Date : 2024-06-28 16:26:08
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 55508 (85%)
T : 59 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2790$ $y = 0.2403$ / $u' = 0.2096$ $v' = 0.4061$ ($duv = -2.64e-02$)
CCT= 17497K Prcp WL: $L_d = 454.5nm$ Purity=29.9%
Peak WL: $L_p = 452nm$ FWHM: =19.0nm Ratio:R=22.3% G=70.1% B=7.5%

Render Index: $R_a = 53.0$

R1 =37 R2 =77 R3 =60 R4 =36 R5 =53 R6 =77 R7 =71
R8 =13 R9 =-157 R10=65 R11=21 R12=66 R13=46 R14=72 R15=18

Photometric & Radiometric Parameters

Flux = 956.49 lm Eff. : 49.30 lm/W $F_e = 4.2731 W$

Electrical parameters

V = 24.00 V I = 0.8085 A P = 19.40 W PF = 1.000 F=0.00 Hz