

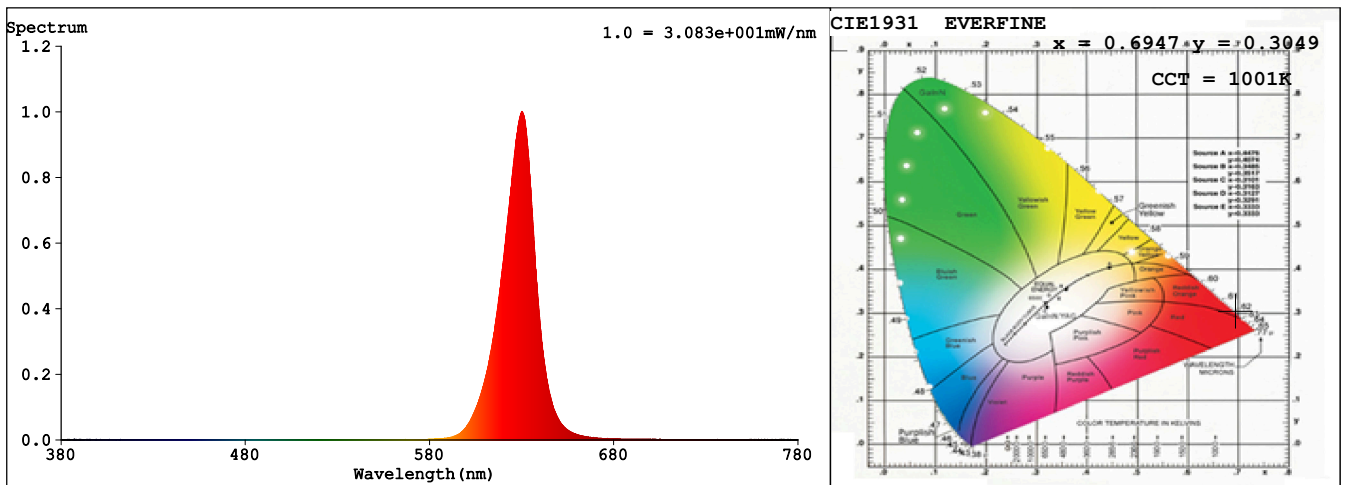
COB LED Strip RGB+W 3000K Spectrum Test Report

Sample :	Date :	2024-06-28 11:38:57
Specification : 784-24v-12mm R	Sam. Status :	
Sample No. : 2856	Instrument :	HaasSuite(EVERFINE)
Manufacturer : EVERFINE	Test by :	DAMIN
	Assessor :	damin

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 45736 (70%)
Test Mode : Fast Test	T : 63 ms
	Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6947$ $y = 0.3049$ / $u' = 0.5274$ $v' = 0.5208$ ($duv = -7.98e-02$)
 CCT= 1001K Prcp WL: $L_d = 621.8nm$ Purity=99.9%
 Peak WL: $L_p = 630nm$ FWHM: =18.9nm Ratio:R=97.7% G=2.3% B=0.0%

Render Index: $R_a = 10.1$

R1 =3 R2 =78 R3 =27 R4 =-33 R5 =-3 R6 =90 R7 =-0
 R8 =-80 R9 =-241 R10=71 R11=-19 R12=79 R13=28 R14=57 R15=-42

Photometric & Radiometric Parameters

Flux = 139.52 lm Eff. : 20.85 lm/W Fe = 683.78 mW

Electrical parameters

V = 24.00 V I = 0.2788 A P = 6.691 W PF = 1.000 F=0.00 Hz

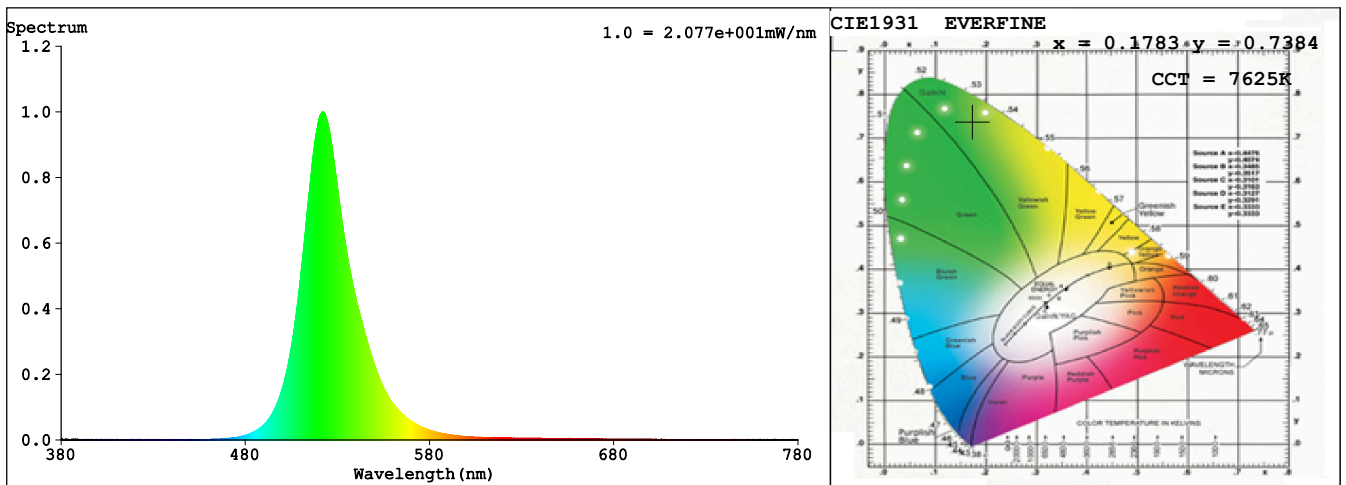
COB LED Strip RGB+W 3000K Spectrum Test Report

Sample :	Date :	2024-06-28 11:38:43
Specification : 784-24v-12mm G	Sam. Status :	
Sample No. : 2857	Instrument :	HaasSuite(EVERFINE)
Manufacturer : EVERFINE	Test by :	DAMIN
	Assessor :	damin

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52697 (80%)
Test Mode : Fast Test	T : 102 ms
	Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1783, y = 0.7384 / u' = 0.0620, v' = 0.5777$ (duv=1.57e-01)
 CCT= 7625K Prcp WL: Ld=529.6nm Purity=85.4%
 Peak WL: Lp=522nm FWHM: =27.4nm Ratio:R=0.5% G=98.4% B=1.1%

Render Index: Ra = -27.9

R1 = -35 R2 = -13 R3 = -31 R4 = -67 R5 = -10 R6 = -20 R7 = -13
 R8 = -35 R9 = -351 R10 = -117 R11 = -98 R12 = -40 R13 = -41 R14 = 35 R15 = -33

Photometric & Radiometric Parameters

Flux = 359.59 lm Eff. : 120.74 lm/W Fe = 707.32 mW

Electrical parameters

V = 24.00 V I = 0.1241 A P = 2.978 W PF = 1.000 F=0.00 Hz

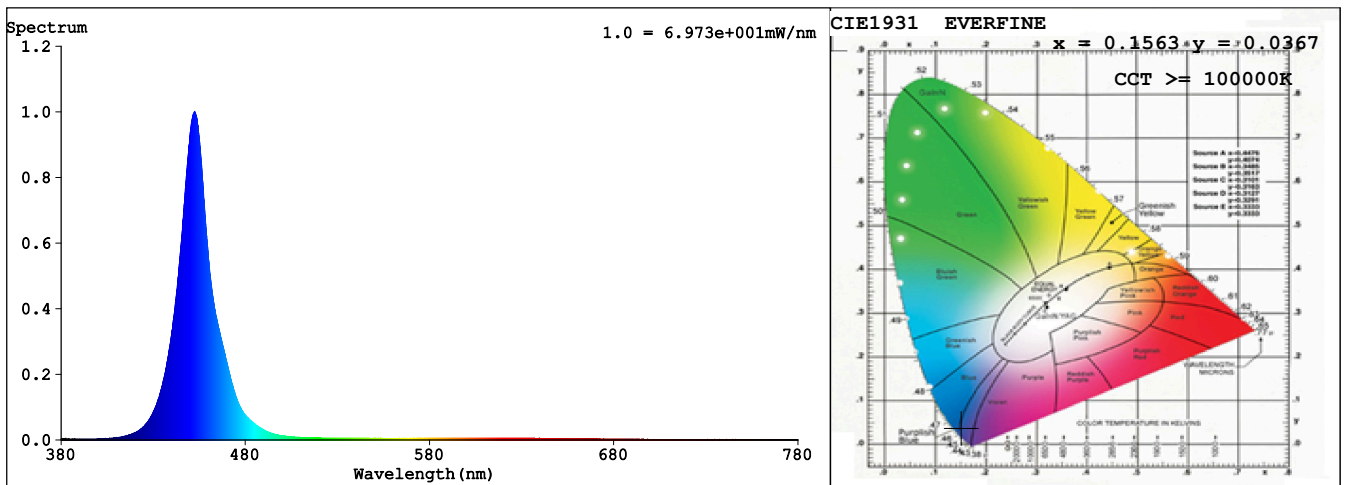
COB LED Strip RGB+W 3000K Spectrum Test Report

Sample :	Date :	2024-06-28 11:39:23
Specification : 784-24v-12mm B	Sam. Status :	
Sample No. : 2858	Instrument :	HaasSuite(EVERFINE)
Manufacturer : EVERFINE	Test by :	DAMIN
	Assessor :	damin

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 48709 (74%)
Test Mode : Fast Test	T : 51 ms
	Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1563, y = 0.0367 / u' = 0.1998, v' = 0.1057$ (duv=-1.96e-01)
 CCT>=100000K Prcp WL: Ld=456.5nm Purity=96.1%
 Peak WL: Lp=453nm FWHM: =17.4nm Ratio:R=5.3% G=24.0% B=70.8%

Render Index: Ra = -41.3

R1 =51 R2 =-39 R3 =-174 R4 =-89 R5 =52 R6 =-34 R7 =-60
 R8 =-36 R9 =-70 R10=-257 R11=-105 R12=-90 R13=18 R14=-39 R15=49

Photometric & Radiometric Parameters

Flux = 79.188 lm Eff. : 18.90 lm/W Fe = 1.6531 W

Electrical parameters

V = 24.00 V I = 0.1746 A P = 4.190 W PF = 1.000 F=0.00 Hz

COB LED Strip RGB+W 3000K Spectrum Test Report

Sample :
Specification : 784-24v-12mm W
Sample No. : 2859
Manufacturer : EVERFINE

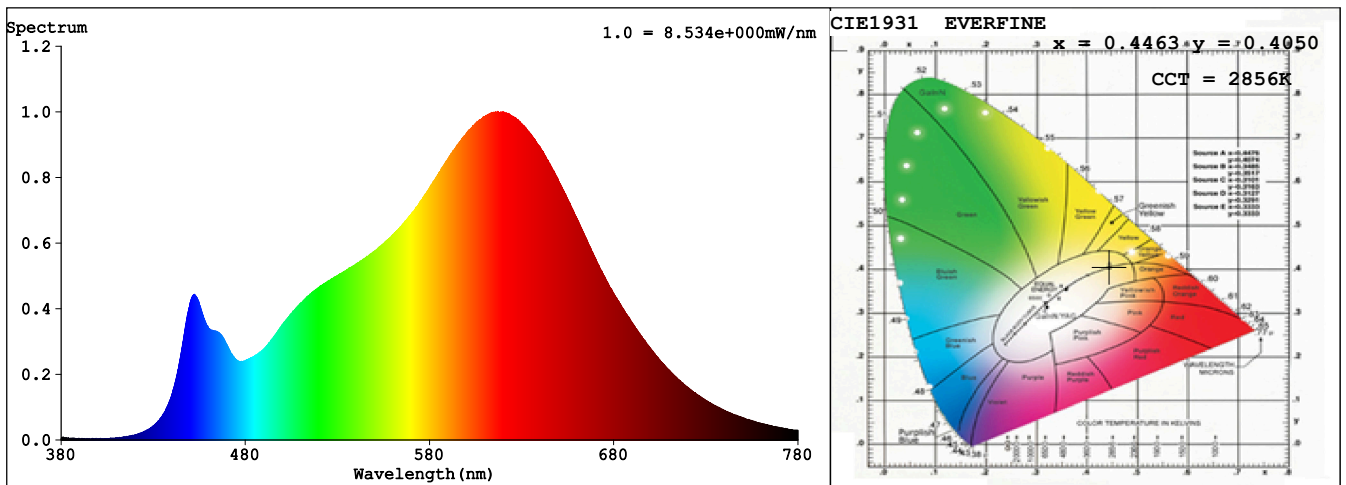
Date : 2024-06-28 11:40:03
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 50853 (78%)
T : 239 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4463$ $y = 0.4050$ / $u' = 0.2562$ $v' = 0.5231$ ($duv = -8.08e-04$)

CCT= 2856K Prcp WL: $L_d = 583.7nm$ Purity=55.5%

Peak WL: $L_p = 617nm$ FWHM: =144.9nm Ratio:R=25.3% G=71.7% B=2.9%

Render Index: $R_a = 92.1$

R1 =93 R2 =98 R3 =97 R4 =92 R5 =93 R6 =97 R7 =89

R8 =78 R9 =52 R10=95 R11=94 R12=85 R13=95 R14=99 R15=88

Photometric & Radiometric Parameters

Flux = 405.01 lm Eff. : 72.62 lm/W $F_e = 1.3801 W$

Electrical parameters

V = 24.00 V I = 0.2324 A P = 5.577 W PF = 1.000 F=0.00 Hz

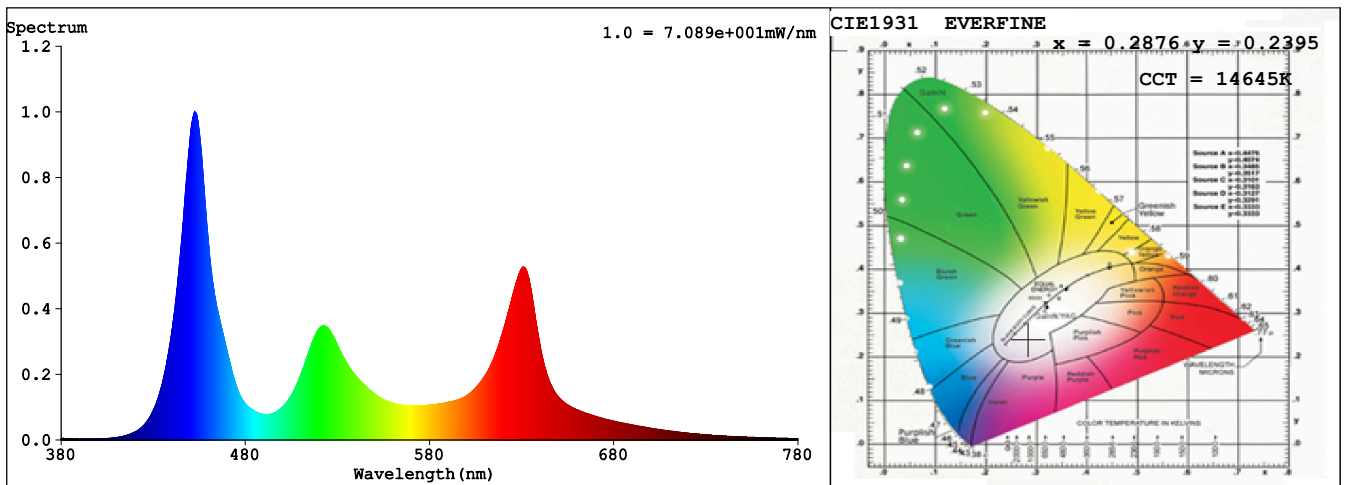
COB LED Strip RGB+W 3000K Spectrum Test Report

Sample :	Date :	2024-06-28 11:41:50
Specification : 784-24v-12mm RGBW	Sam. Status :	
Sample No. : 2860	Instrument :	HaasSuite(EVERFINE)
Manufacturer : EVERFINE	Test by :	DAMIN
	Assessor :	damin

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 57481 (88%)
Test Mode : Fast Test	T : 59 ms
	Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2876, y = 0.2395 / u' = 0.2171, v' = 0.4068$ (duv=-3.33e-02)
 CCT= 14645K Prcp WL: Ld=401.5nm Purity=28.6%
 Peak WL: Lp=453nm FWHM: =18.3nm Ratio:R=24.3% G=68.3% B=7.4%

Render Index: Ra = 47.4

R1 =27	R2 =70	R3 =63	R4 =28	R5 =44	R6 =69	R7 =70	
R8 =7	R9 =-168	R10=50	R11=11	R12=64	R13=36	R14=73	R15=9

Photometric & Radiometric Parameters

Flux = 965.50 lm Eff. : 49.61 lm/W Fe = 4.3568 W

Electrical parameters

V = 24.00 V I = 0.8110 A P = 19.46 W PF = 1.000 F=0.00 Hz