

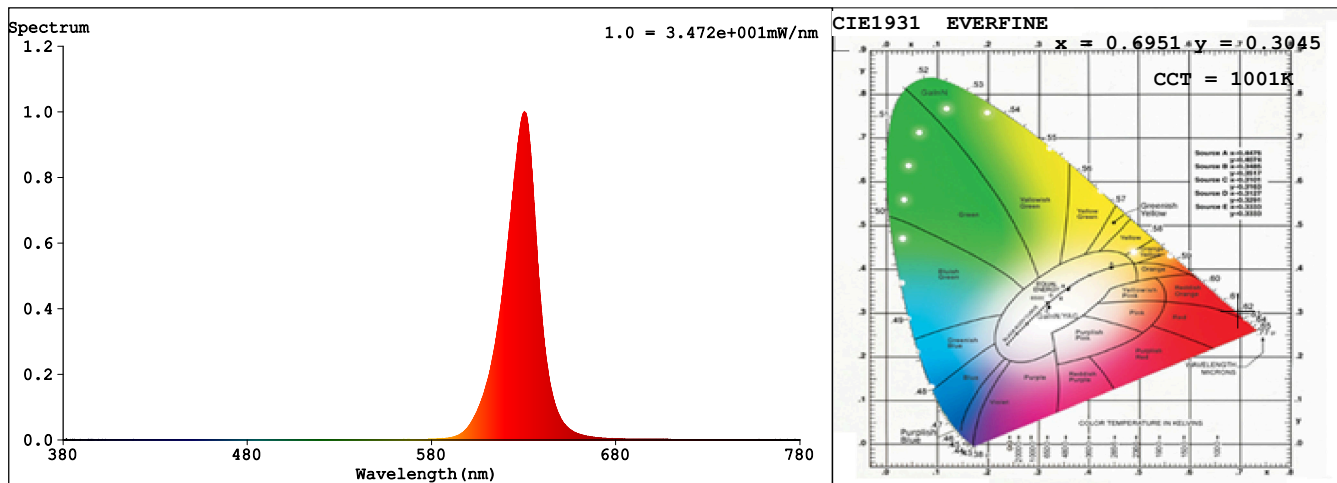
**COB LED Strip RGB+W 6000K Spectrum Test Report**

Sample :	Date :	2024-06-28 16:18:14
Specification : 784-24v-12mm R	Sam. Status :	
Sample No. : 2927	Instrument :	HaasSuite(EVERFINE)
Manufacturer : EVERFINE	Test by :	DAMIN
	Assessor :	damin

**Test Condition**

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 50698 (77%)
Test Mode : Fast Test	T : 62 ms
	Sensitivity : High

**Spectrum**



Spectral Distribution

CIE1931 Chromaticity Diagram

**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.6951$   $y = 0.3045$  /  $u' = 0.5282$   $v' = 0.5206$  ( $duv = -8.07e-02$ )  
 CCT= 1001K Prcp WL:  $L_d = 622.0nm$  Purity=99.9%  
 Peak WL:  $L_p = 630nm$  FWHM: =18.6nm Ratio:R=97.7% G=2.3% B=0.0%

Render Index:  $R_a = 10.2$

R1 =3    R2 =78    R3 =27    R4 =-32    R5 =-3    R6 =89    R7 =0  
 R8 =-79    R9 =-240    R10=71    R11=-19    R12=79    R13=28    R14=57    R15=-41

**Photometric & Radiometric Parameters**

Flux = 154.69 lm    Eff. : 23.31 lm/W    Fe = 766.50 mW

**Electrical parameters**

V = 24.00 V    I = 0.2765 A    P = 6.636 W    PF = 1.000    F=0.00 Hz

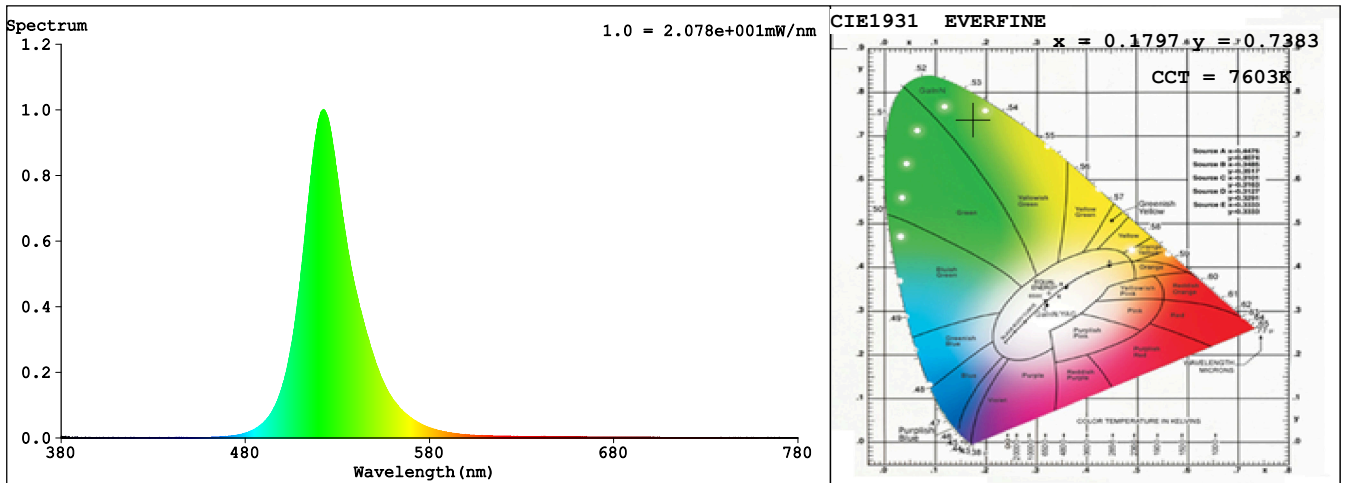
**COB LED Strip RGB+W 6000K Spectrum Test Report**

Sample :	Date :	2024-06-28 16:18:47
Specification : 784-24v-12mm G	Sam. Status :	
Sample No. : 2928	Instrument :	HaasSuite(EVERFINE)
Manufacturer : EVERFINE	Test by :	DAMIN
	Assessor :	damin

**Test Condition**

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52249 (80%)
Test Mode : Fast Test	T : 101 ms
	Sensitivity : High

**Spectrum**



Spectral Distribution

CIE1931 Chromaticity Diagram

**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.1797$   $y = 0.7383$  /  $u' = 0.0625$   $v' = 0.5778$  ( $duv=1.56e-01$ )  
 CCT= 7603K Prcp WL:  $L_d=529.9nm$  Purity=85.6%  
 Peak WL:  $L_p=522nm$  FWHM:  $=27.8nm$  Ratio:R=0.4% G=98.5% B=1.1%

Render Index:  $R_a = -27.9$

R1 = -36 R2 = -13 R3 = -30 R4 = -67 R5 = -10 R6 = -20 R7 = -12  
 R8 = -35 R9 = -355 R10 = -116 R11 = -98 R12 = -39 R13 = -42 R14 = 35 R15 = -34

**Photometric & Radiometric Parameters**

Flux = 365.76 lm Eff. : 120.29 lm/W Fe = 715.04 mW

**Electrical parameters**

V = 24.00 V I = 0.1267 A P = 3.041 W PF = 1.000 F=0.00 Hz

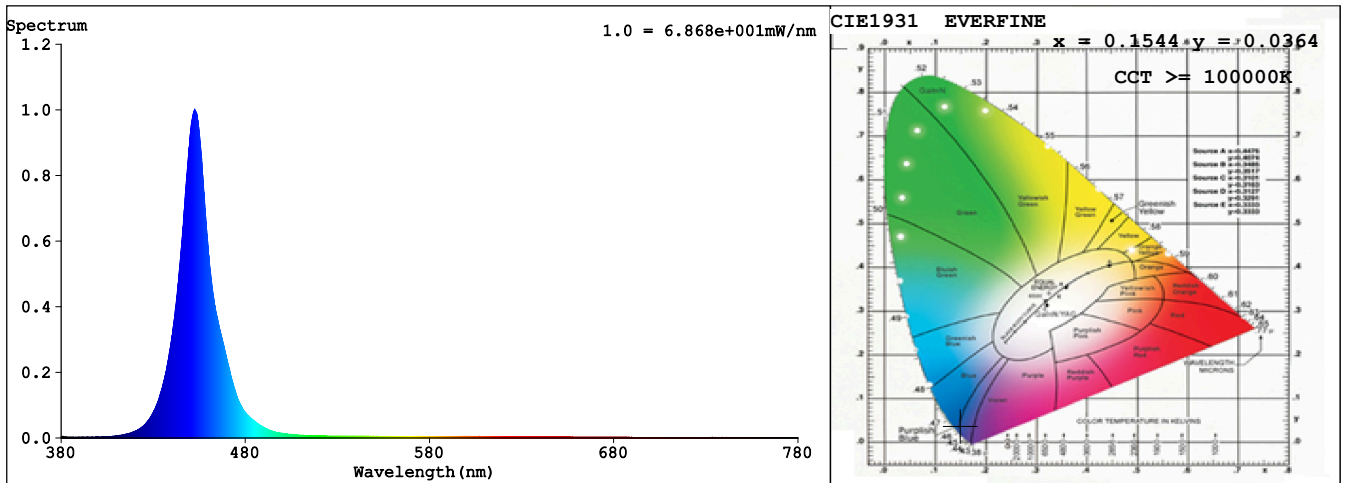
**COB LED Strip RGB+W 6000K Spectrum Test Report**

Sample :	Date :	2024-06-28 16:27:09
Specification : 784-24v-12mm B	Sam. Status :	
Sample No. : 2929	Instrument :	HaasSuite(EVERFINE)
Manufacturer : EVERFINE	Test by :	DAMIN
	Assessor :	damin

**Test Condition**

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 47092 (72%)
Test Mode : Fast Test	T : 50 ms
	Sensitivity : High

**Spectrum**



Spectral Distribution

CIE1931 Chromaticity Diagram

**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.1544, y = 0.0364 / u' = 0.1975, v' = 0.1047$  (duv=-1.97e-01)  
 CCT>=1000000K Prcp WL: Ld=457.3nm Purity=96.5%  
 Peak WL: Lp=453nm FWHM: =17.2nm Ratio:R=3.6% G=23.5% B=72.9%

Render Index: Ra = -43.6

R1 =34 R2 =-33 R3 =-164 R4 =-93 R5 =39 R6 =-33 R7 =-57  
 R8 =-40 R9 =-132 R10=-231 R11=-112 R12=-87 R13=13 R14=-36 R15=40

**Photometric & Radiometric Parameters**

Flux = 76.170 lm Eff. : 18.01 lm/W Fe = 1.6036 W

**Electrical parameters**

V = 24.00 V I = 0.1762 A P = 4.229 W PF = 1.000 F=0.00 Hz

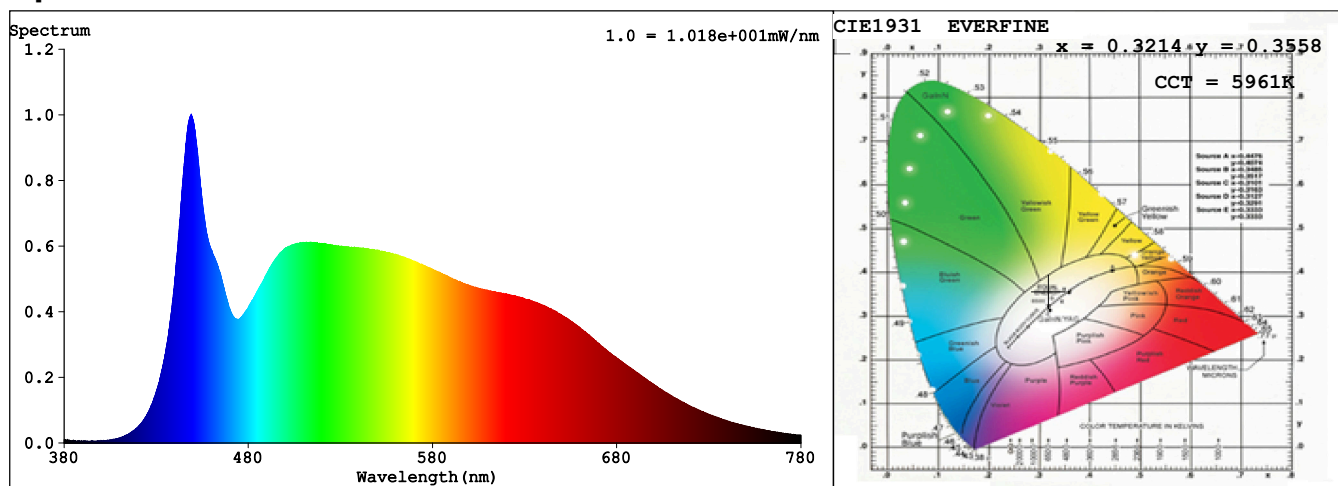
**COB LED Strip RGB+W 6000K Spectrum Test Report**

Sample :	Date :	2024-06-28 16:27:34
Specification : 784-24v-12mm W-6000K	Sam. Status :	
Sample No. : 2930	Instrument :	HaasSuite(EVERFINE)
Manufacturer : EVERFINE	Test by :	DAMIN
	Assessor :	damin

**Test Condition**

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 49866 (76%)
Test Mode : Fast Test	T : 310 ms
	Sensitivity : High

**Spectrum**



Spectral Distribution

CIE1931 Chromaticity Diagram

**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.3214$   $y = 0.3558$  /  $u' = 0.1940$   $v' = 0.4832$  ( $duv=1.23e-02$ )  
 CCT= 5961K Prcp WL:  $L_d=519.2nm$  Purity=4.5%  
 Peak WL:  $L_p=449nm$  FWHM:  $=25.3nm$  Ratio:R=14.4% G=79.3% B=6.3%

Render Index:  $R_a = 91.2$

R1 =88 R2 =92 R3 =98 R4 =90 R5 =89 R6 =91 R7 =96  
 R8 =85 R9 =56 R10=85 R11=90 R12=73 R13=89 R14=99 R15=85

**Photometric & Radiometric Parameters**

Flux = 402.83 lm Eff. : 73.33 lm/W  $F_e = 1.4092 W$

**Electrical parameters**

V = 24.00 V I = 0.2289 A P = 5.493 W PF = 1.000 F=0.00 Hz

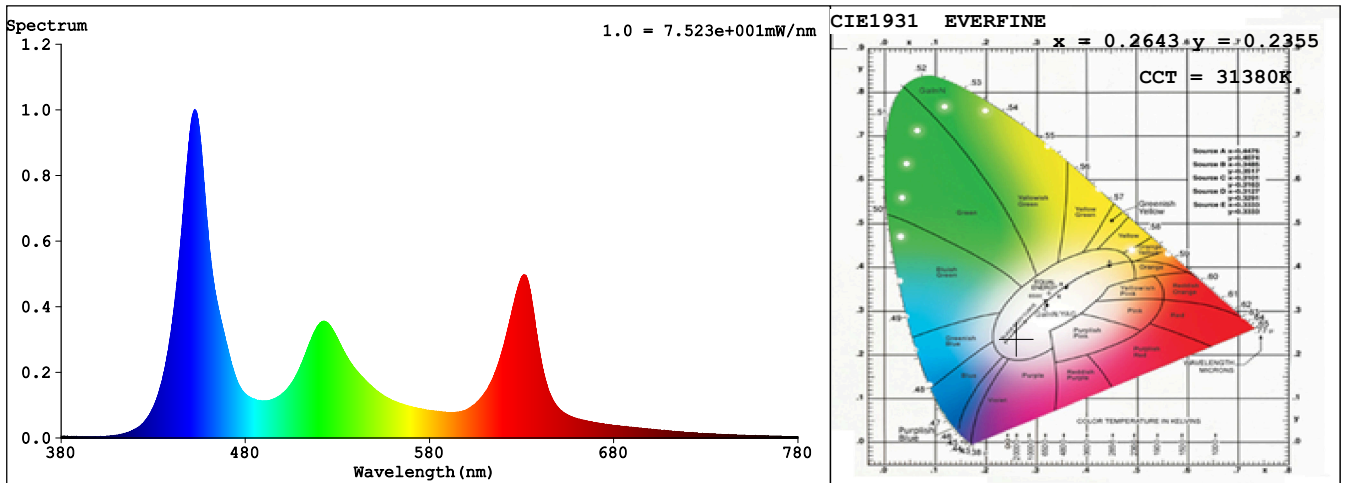
## COB LED Strip RGB+W 6000K Spectrum Test Report

Sample	:	Date	:	2024-06-28 16:28:09
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
		Assessor	:	damin

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50682 (77%)
Test Mode	:	Fast Test	T	:	49 ms
			Sensitivity	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.2643$   $y = 0.2355$  /  $u' = 0.1995$   $v' = 0.4001$  ( $duv = -1.80e-02$ )  
 CCT= 31380K Prcp WL:  $L_d = 467.2nm$  Purity=34.1%  
 Peak WL:  $L_p = 453nm$  FWHM: =18.8nm Ratio:R=20.7% G=70.7% B=8.7%

Render Index:  $R_a = 58.3$

R1 =43 R2 =80 R3 =64 R4 =45 R5 =60 R6 =81 R7 =73  
 R8 =19 R9 =-152 R10=68 R11=31 R12=64 R13=52 R14=76 R15=25

### Photometric & Radiometric Parameters

Flux = 979.20 lm Eff. : 50.46 lm/W  $F_e = 4.4241 W$

### Electrical parameters

V = 24.00 V I = 0.8087 A P = 19.41 W PF = 1.000 F=0.00 Hz