

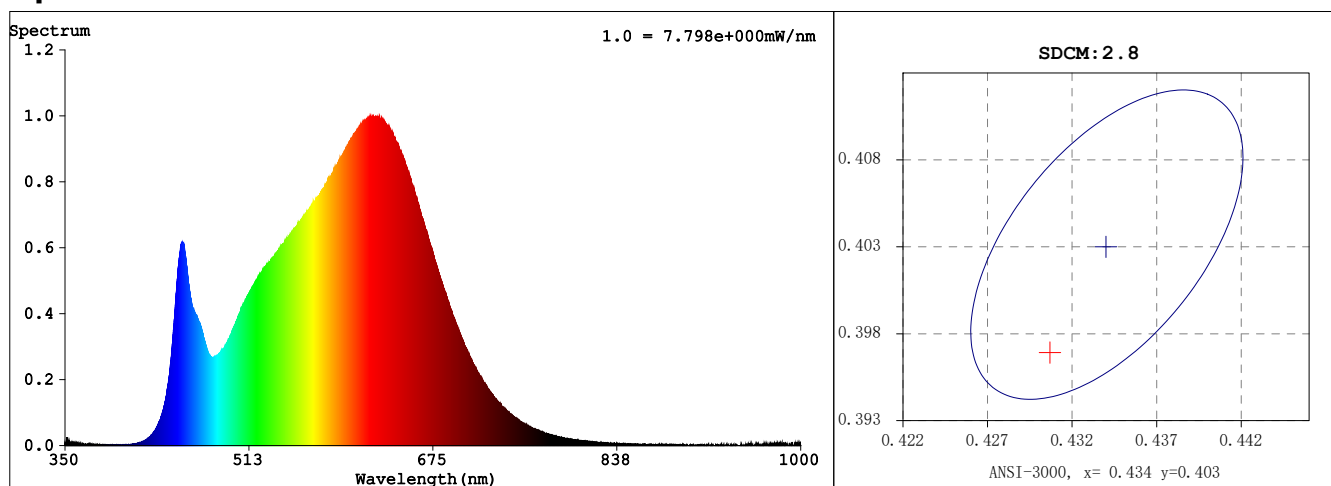
## Spectrum Test Report

Sample : ColorBright™ RGBW LED Strip Light	Date : 2022-09-23 09:12:57
Specification : CB-RGBW (White)	Sam. Status :
Sample No. : 01	Instrument : HAAS-2000(EVERFINE)
Manufacturer : Flexfire LEDs, Inc.	Test by : JZ

### Test Condition

Temperature : 25.3°C	RH : 65.0%
WL Range : 350nm-1000nm	IP : 53281 (81%)
Test Mode : Fast Test	T : 506 ms
	Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4306$   $y = 0.3971$  /  $u' = 0.2495$   $v' = 0.5176$  ( $duv = -1.94e-03$ )  $Dx, Dy: -0.0027, -0.0058$   
 CCT= 3052K Prcp WL:  $L_d = 583.3nm$  Purity=48.4%  
 Peak WL:  $L_p = 620nm$  FWHM: =164.0nm Ratio:R=24.2% G=72.7% B=3.1%  
 Render Index:  $R_a = 93.9$  AvgR = 91.5 TM30:Rf=92 Rg=100  
 R1 =95 R2 =98 R3 =98 R4 =93 R5 =94 R6 =96 R7 =92  
 R8 =85 R9 =67 R10=94 R11=94 R12=80 R13=96 R14=99 R15=92  
 LEVEL:OUT WHITE:ANSI\_3000K

### Photometric & Radiometric Parameters

Flux = 390.64 lm Eff. : 77.18 lm/W  $F_e = 1.3810 W$   
 (EQE):312.95%  
 EEI: 0.13853 A+  
 EEC: 77.2 G

### Electrical parameters

V = 24.00 V I = 0.2109 A P = 5.061 W PF = 1.000  
 Freq=0.00 Hz