

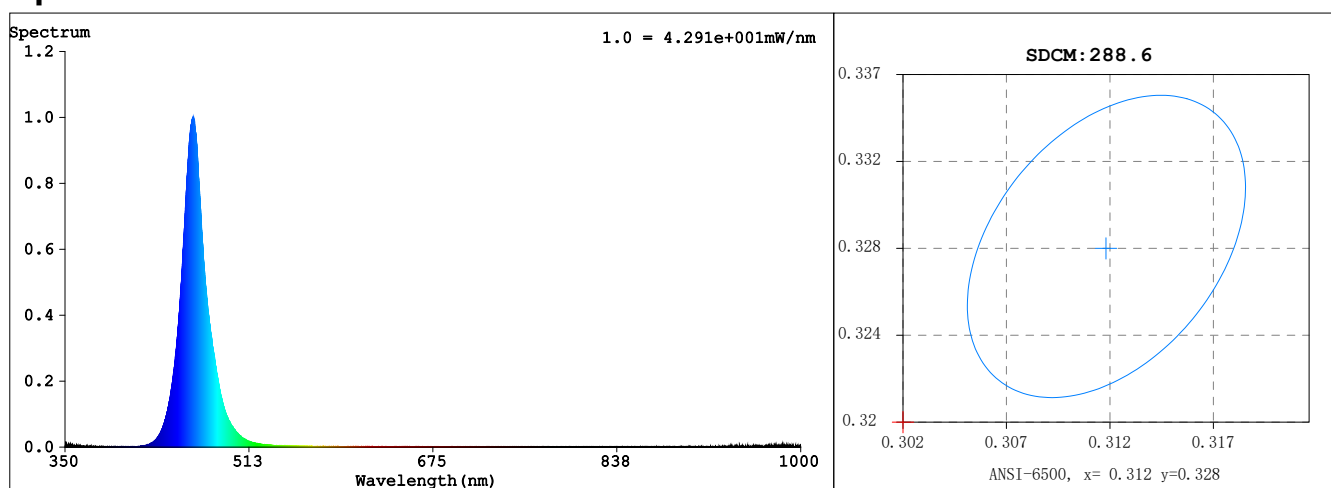
## Spectrum Test Report

Sample : ColorBright™ RGBW LED Strip Light	Date : 2022-09-23 09:12:37
Specification : CB-RGBW (Blue)	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 : 53917 (82%)
Test Mode : Fast Test	T : 90 ms
	Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1373$   $y = 0.0580$  /  $u' = 0.1605$   $v' = 0.1526$  ( $duv = -1.65e-01$ )  $Dx, Dy: -0.1053, -0.1801$

CCT >= 100000K Prcp WL:  $L_d = 467.6nm$  Purity = 96.5%

Peak WL:  $L_p = 463nm$  FWHM: = 21.5nm Ratio: R=0.8% G=17.3% B=81.9%

Render Index:  $R_a = 1.0$  AvgR = 0.9 TM30:  $R_f = 0$   $R_g = -140$

R1 = 0    R2 = 0    R3 = 0    R4 = 0    R5 = 8    R6 = 0    R7 = 0

R8 = 0    R9 = 0    R10 = 0    R11 = 0    R12 = 0    R13 = 0    R14 = 0    R15 = 5

LEVEL:OUT    WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 77.179 lm    Eff. : 17.05 lm/W     $F_e = 1.1684 W$

(EQE): 234.18%

EEL: 0.39313 B

EEC: 17.1 G

### Electrical parameters

V = 24.00 V    I = 0.1886 A    P = 4.526 W    PF = 1.000

Freq = 0.00 Hz