

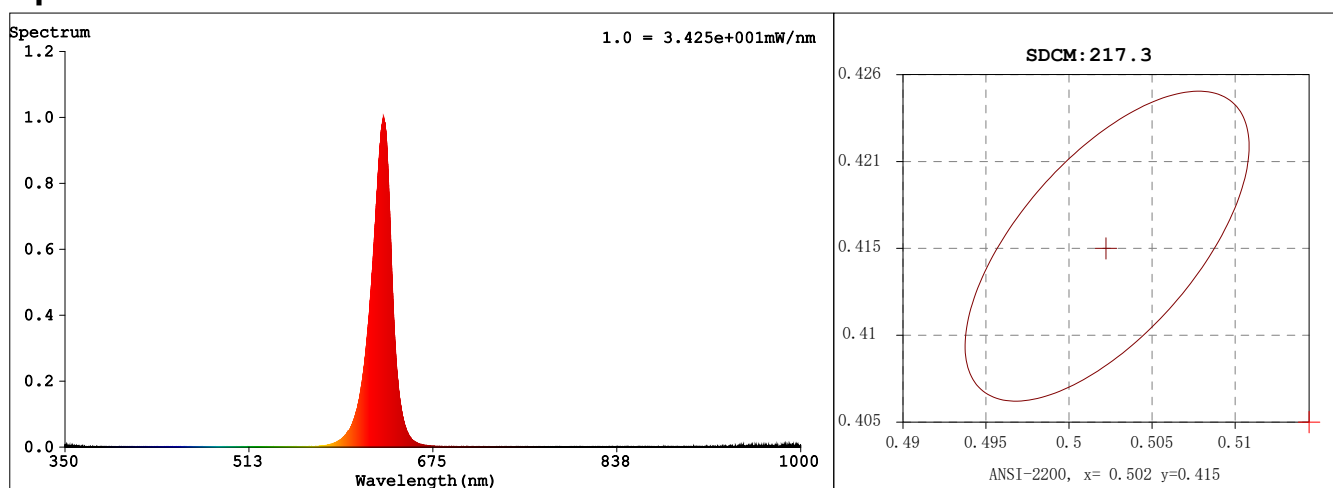
## Spectrum Test Report

Sample : ColorBright™ RGBW LED Strip Light	Date : 2022-09-23 09:11:27
Specification : CB-RGBW (Red)	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 : 53302 (81%)
Test Mode : Fast Test	T : 127 ms
	Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.6939$   $y = 0.3052$  /  $u' = 0.5262$   $v' = 0.5208$  ( $duv = -7.87e-02$ )  $Dx, Dy: 0.0413, -0.0393$

CCT= 1001K Prcp WL:  $L_d = 621.6nm$  Purity=99.8%

Peak WL:  $L_p = 631nm$  FWHM: =18.3nm Ratio:R=95.5% G=4.5% B=0.0%

Render Index:  $R_a = 27.8$  AvgR = 31.1 TM30:Rf=0 Rg=0

R1 =9 R2 =79 R3 =32 R4 =0 R5 =4 R6 =90 R7 =8

R8 =0 R9 =0 R10=72 R11=0 R12=79 R13=31 R14=61 R15=0

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 149.21 lm Eff. : 32.25 lm/W  $F_e = 757.95$  mW

(EQE):199.7%

EEL: 0.25618 B

EEC: 32.2 G

### Electrical parameters

V = 24.00 V I = 0.1928 A P = 4.627 W PF = 1.000

Freq=0.00 Hz