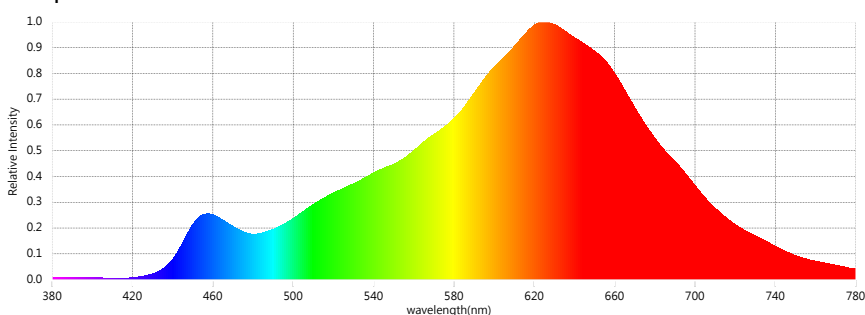


Product information and test conditions

Name	ColorBright™ RGB + Dynamic Tunable White LED Strip Light (2400K)	
Time	2020-11-12 08:09:57(Time-zone GMT+8)	
Manufacturer	Flexfire LEDs, Inc.	
User	FlexfireLEDs (warehouse@flexfireleds.com)	
Temperature(°C)	Humidity(%)	Distance(m)

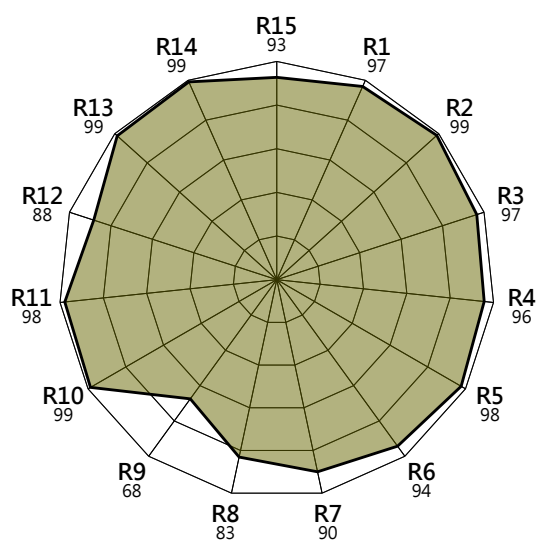
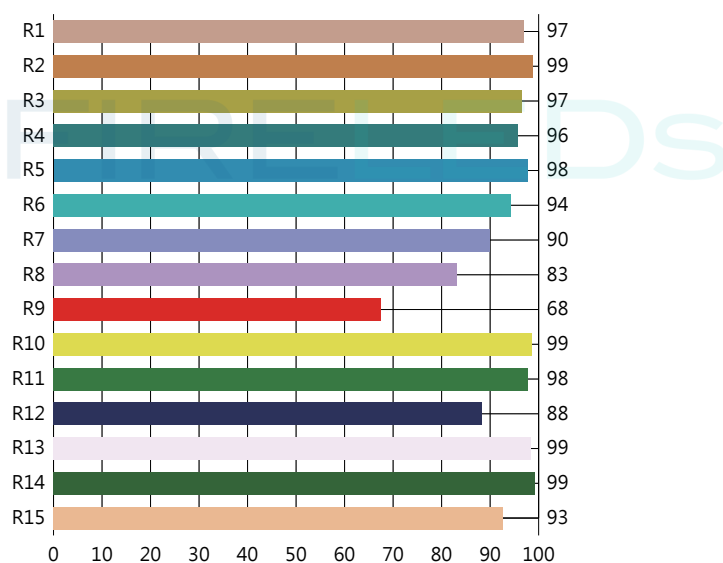
Parameters	
CIE_x	0.4775
CIE_y	0.4056
CIE_u'	0.2763
CIE_v'	0.5281
CCT	2435 K
Duv	-0.0027
CRI (Ra)(R1~R8)	94
CRI (Re) (R1-R15)	93
CQS	94
TLCl(Qa)	92
GAI	45
TM-30-18 Rf	93
TM-30-18 Rg	100
Illuminance	1,218 lux
PPFD (400-700nm)	21.20 $\mu\text{mol}/\text{m}^2\text{s}$
λ_p	625 nm
λ_D	587 nm
Purity (Pe)	70 %
SP Ratio	1.2
Flicker Percentage	2 %

Spectrum



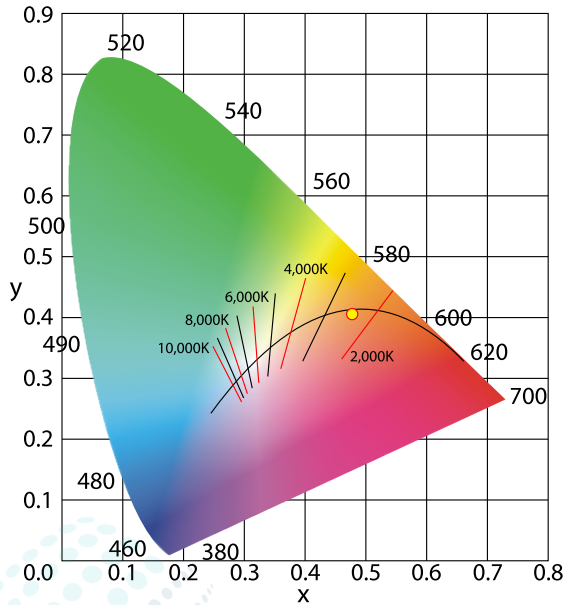
CRI (Re) (R1-R15)

Ra = 94 Re = 93



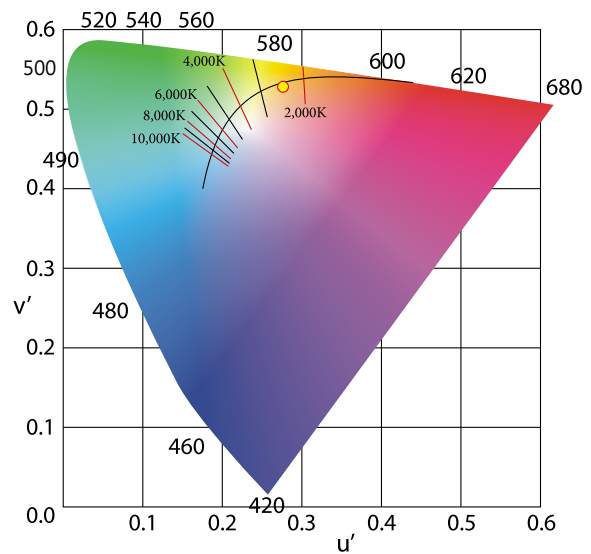
CIE 1931

$x = 0.4775$, $y = 0.4056$ CCT = 2435K

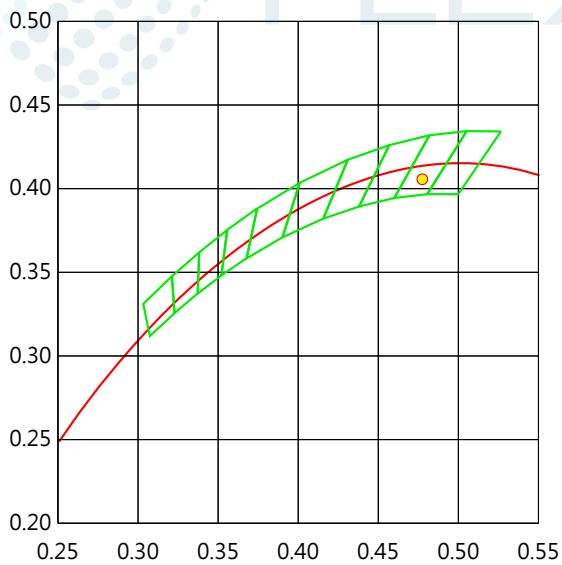


CIE 1976

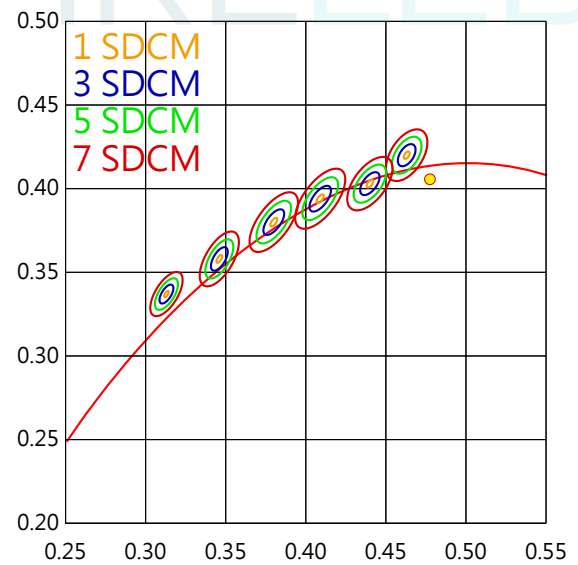
$x = 0.2763$, $y = 0.5281$ CCT = 2435K



C78.377 - 2017

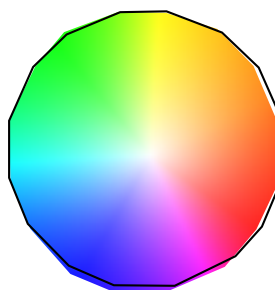
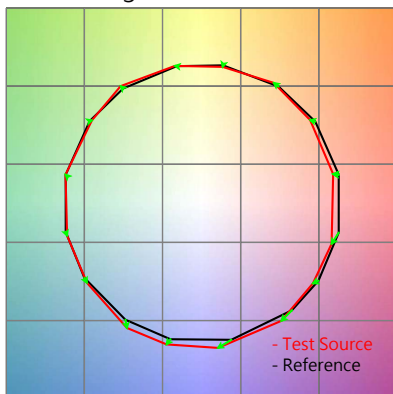


IEC-SDCM



TM-30-18

Rf = 93 Rg = 100



- Reference

