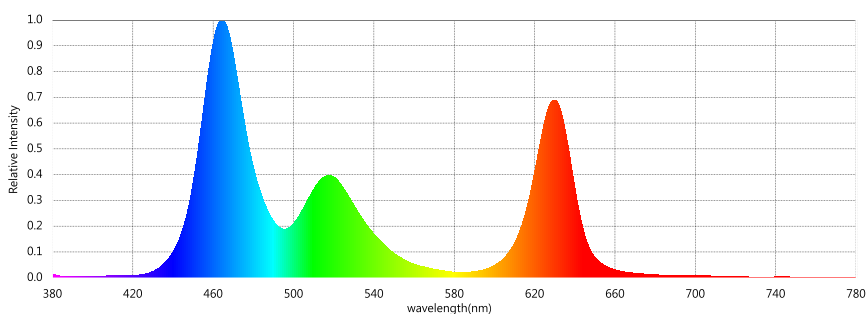


Product information and test conditions

Name	ColorBright™ RGB 300 Color Changing LED Strip Light
Time	2022-02-24 19:32:29(Time-zone GMT+8)
Manufacturer	Flexfire LEDs, Inc.
User	FlexfireLEDs (warehouse@flexfireleds.com)

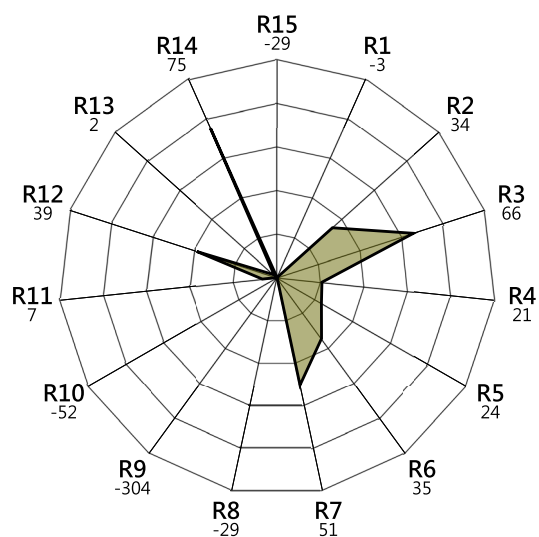
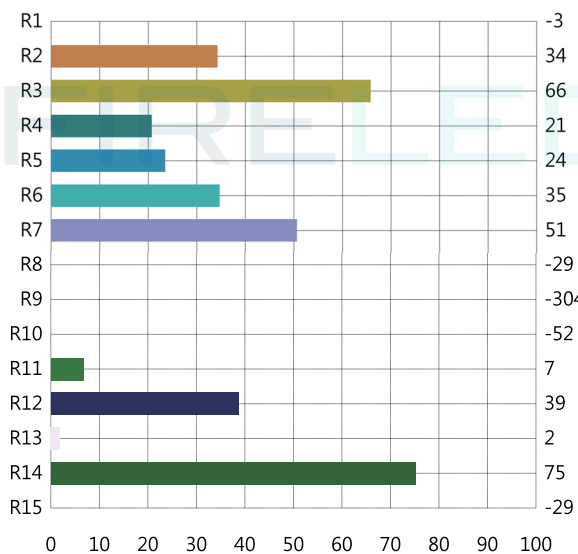
Temperature(°C) Humidity(%) Distance(m)

Spectrum



CRI (Re) (R1-R15)

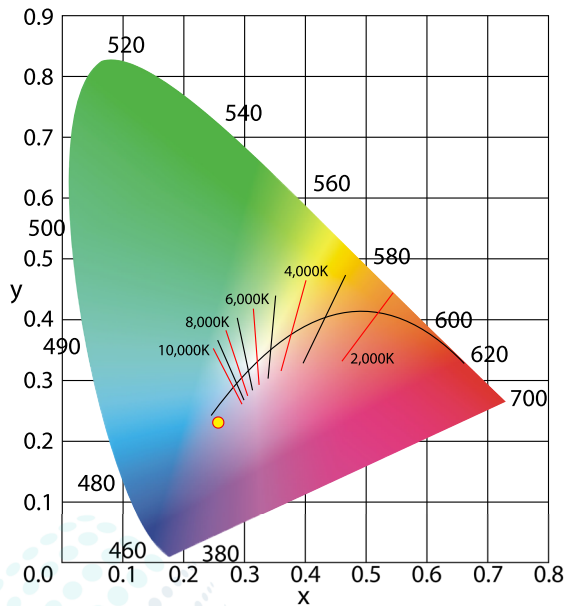
Ra = 25 Re = -4



Parameters	
CIE_x	0.2566
CIE_y	0.2308
CIE_u'	0.1953
CIE_v'	0.3952
CCT	66617 K
Duv	-0.0148
CRI (Ra)(R1~R8)	25
CRI (Re) (R1-R15)	-4
CQS	54
TLCl(Qa)	17
GAI	161
TM-30-20 Rf	46
TM-30-20 Rg	107
Illuminance	368 lux
Foot Candle	34.2 fc
PPFD (400-700nm)	7.98 $\mu\text{mol}/\text{m}^2\text{s}$
λ_p	464 nm
λ_D	470 nm
Purity (Pe)	40 %
SP Ratio	4.2
Circadian Stimulus	0.60
Circadian Light	1,350

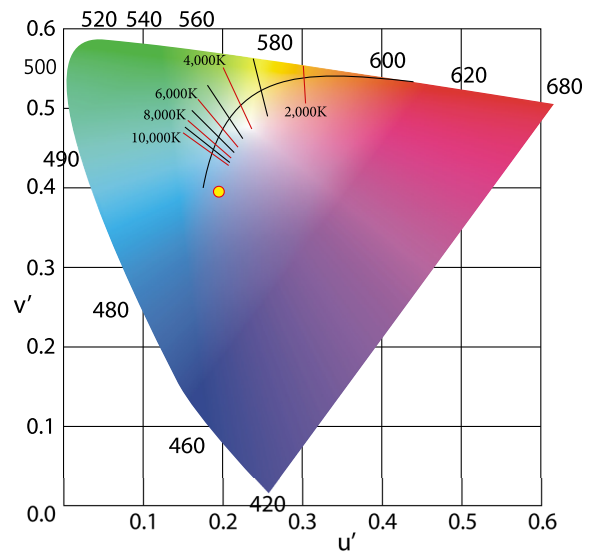
CIE 1931

$x = 0.2566$, $y = 0.2308$ CCT = 66617K

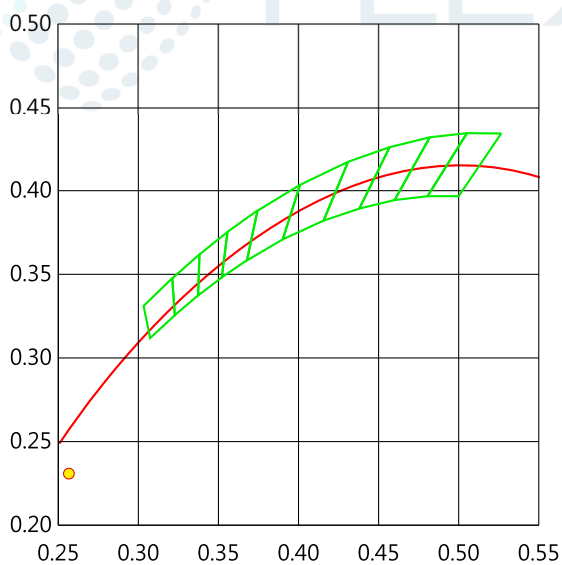


CIE 1976

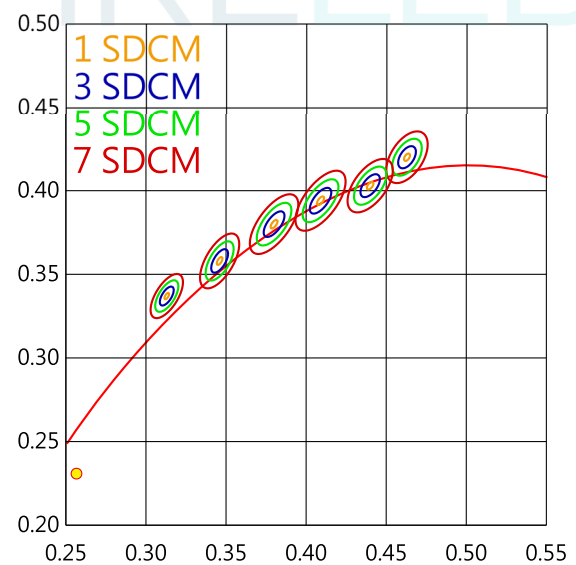
$x = 0.1953$, $y = 0.3952$ CCT = 66617K



C78.377 - 2017

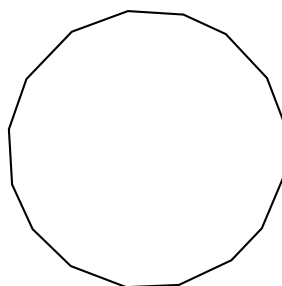
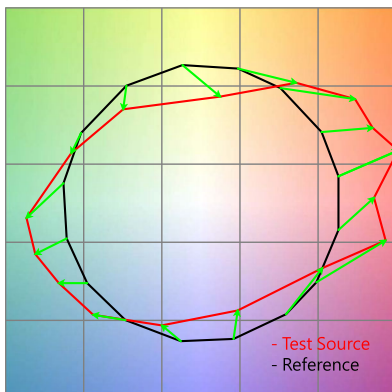


IEC-SDCM



TM-30-20

Rf = 46 Rg = 107



- Reference

