

Product information and test conditions

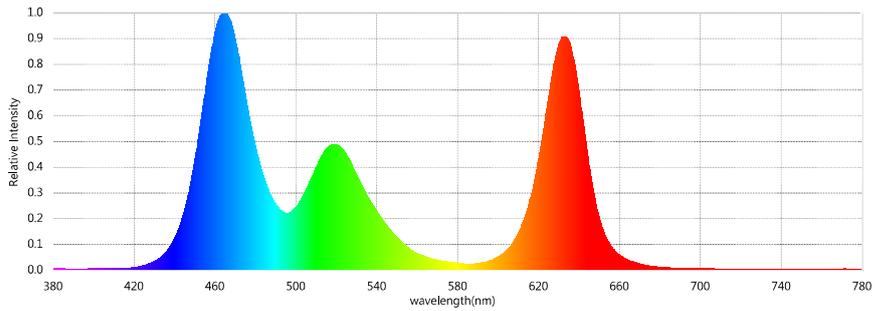


Name	ColorBright™ RGB 300 Color Changing LED Strip Light	
Time	2021-05-18 00:13:19(Time-zone GMT+8)	
Manufacturer	Flexfire LEDs, Inc.	
User	FlexfireLEDs (warehouse@flexfireleds.com)	
Temperature(°C)	Humidity(%)	Distance(m)

Parameters

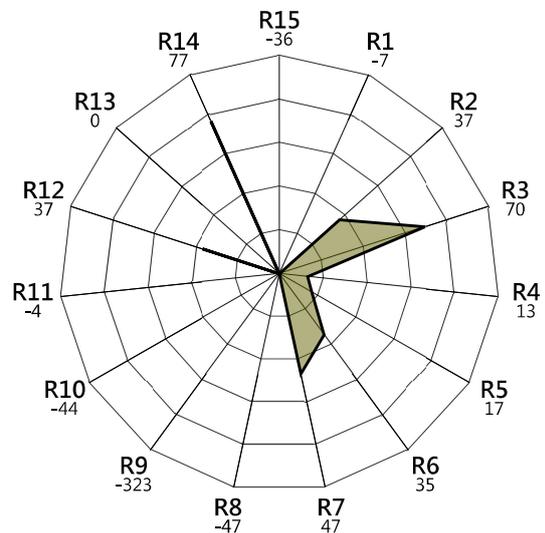
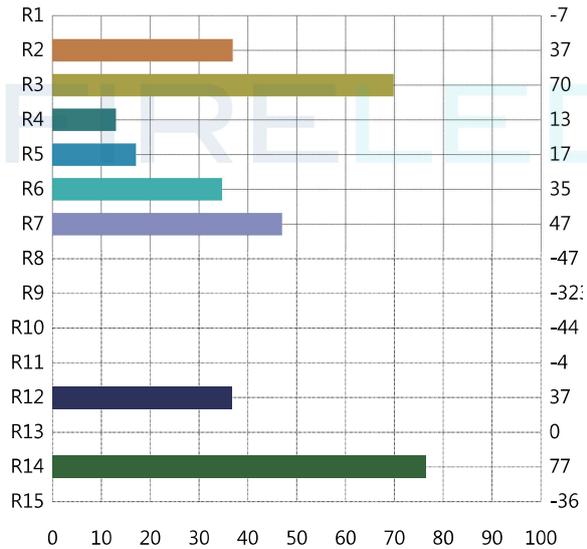
CIE_x	0.2718
CIE_y	0.2499
CIE_u'	0.1993
CIE_v'	0.4123
CCT	16995 K
Duv	-0.0153
CRI (Ra)(R1~R8)	21
CRI (Re) (R1-R15)	-9
CQS	53
TLCI(Qa)	15
GAI	163
TM-30-20 Rf	46
TM-30-20 Rg	109
Illuminance	890 lux
PPFD (400-700nm)	19.11 $\mu\text{mol}/\text{m}^2\text{s}$
λ_p	464 nm
λ_D	469 nm
Purity (Pe)	30 %
SP Ratio	3.9
Flicker Percentage	0 %

Spectrum



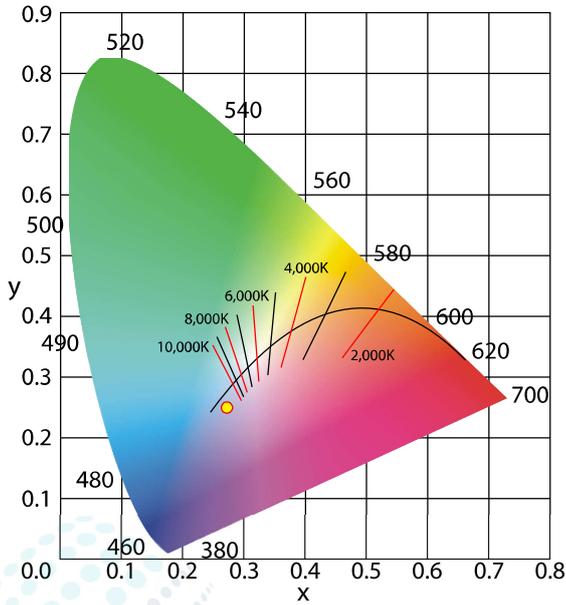
CRI (Re) (R1-R15)

Ra = 21 Re = -9



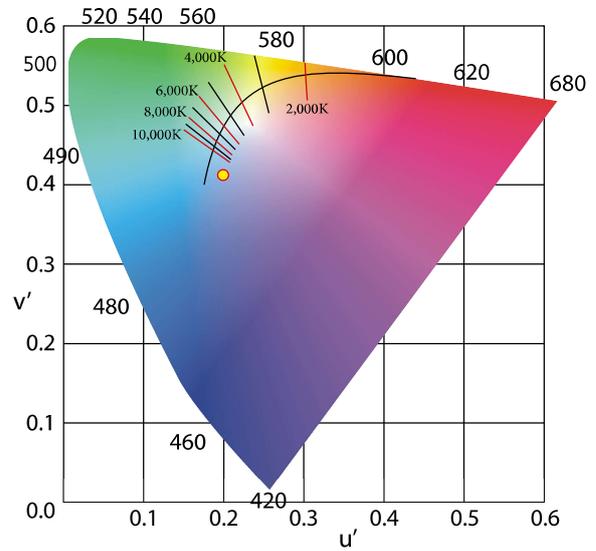
CIE 1931

$x = 0.2718, y = 0.2499$ CCT = 16995K

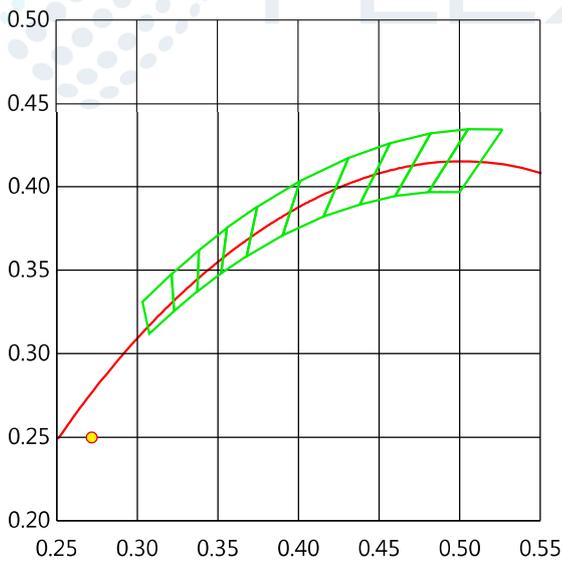


CIE 1976

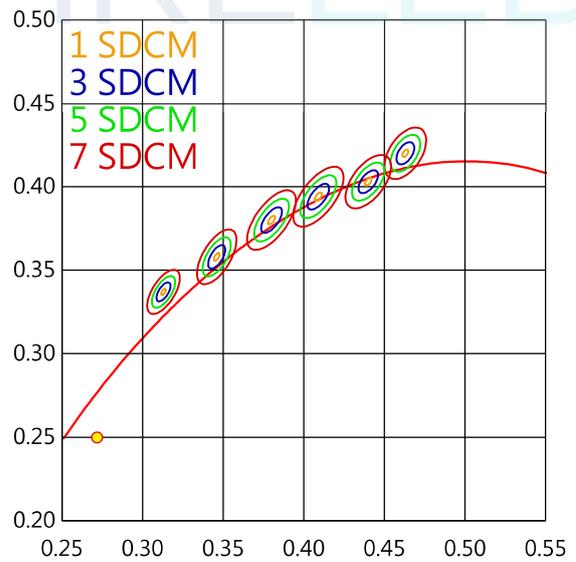
$x = 0.1993, y = 0.4123$ CCT = 16995K



C78.377 - 2017



IEC-SDCM



TM-30-20

Rf = 46 Rg = 109

