

Product information and test conditions

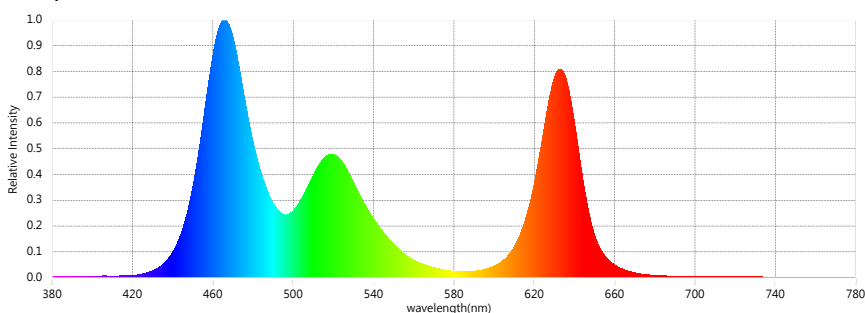
Name	ColorBright™ RGB Digital Pixel Strip	
Time	2021-05-20 04:37:53(Time-zone GMT+8)	
Manufacturer	Flexfire LEDs, Inc.	
User	FlexfireLEDs (warehouse@flexfireleds.com)	
Temperature(°C)	Humidity(%)	Distance(m)



Parameters

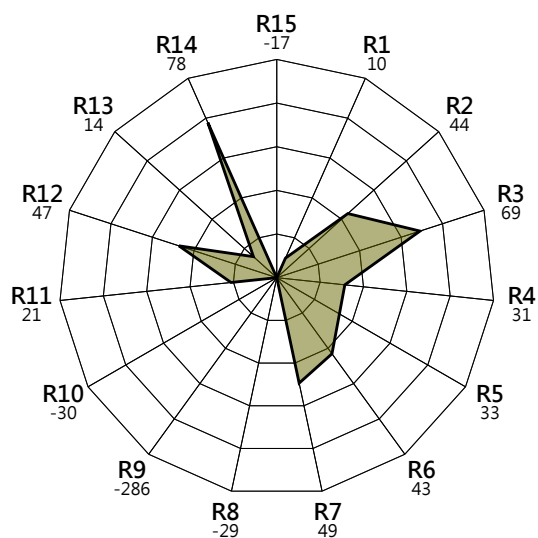
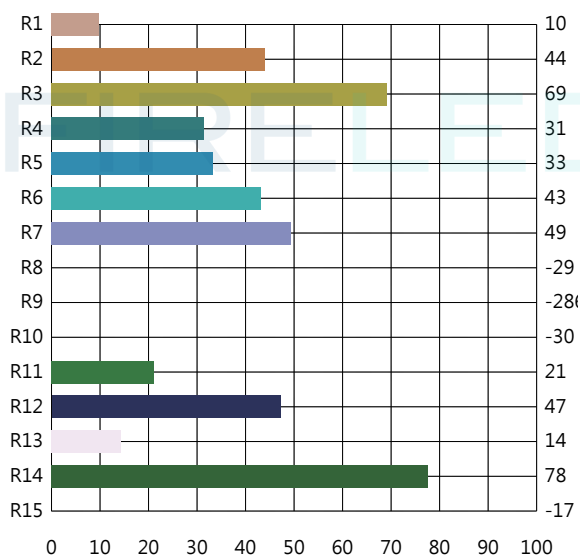
CIE_x	0.2599
CIE_y	0.2545
CIE_u'	0.1879
CIE_v'	0.4139
CCT	19893 K
Duv	-0.0042
CRI (Ra)(R1~R8)	31
CRI (Re) (R1-R15)	5
CQS	53
TLCl(Qa)	15
GAI	152
TM-30-18 Rf	48
TM-30-18 Rg	104
Illuminance	671 lux
PPFD (400-700nm)	14.07 $\mu\text{mol}/\text{m}^2\text{s}$
λ_p	465 nm
λ_D	476 nm
Purity (Pe)	30 %
SP Ratio	4.0
Flicker Percentage	5 %

Spectrum



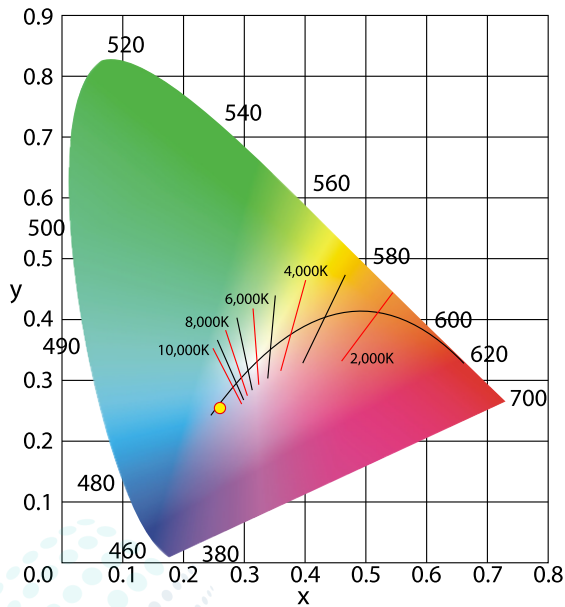
CRI (Re) (R1-R15)

Ra = 31 Re = 5



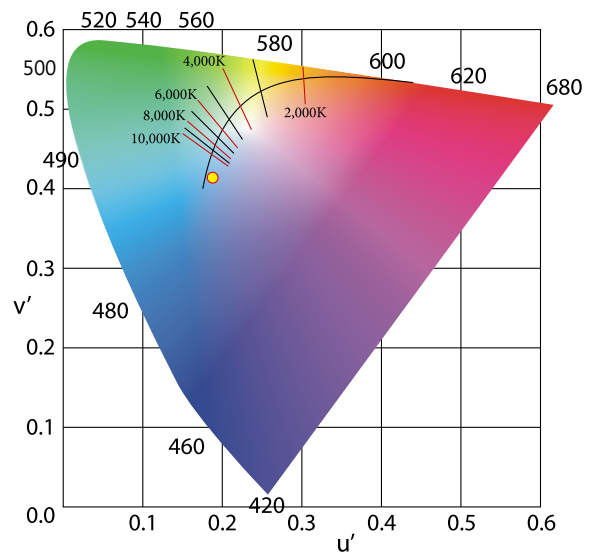
CIE 1931

$x = 0.2599$, $y = 0.2545$ CCT = 19893K

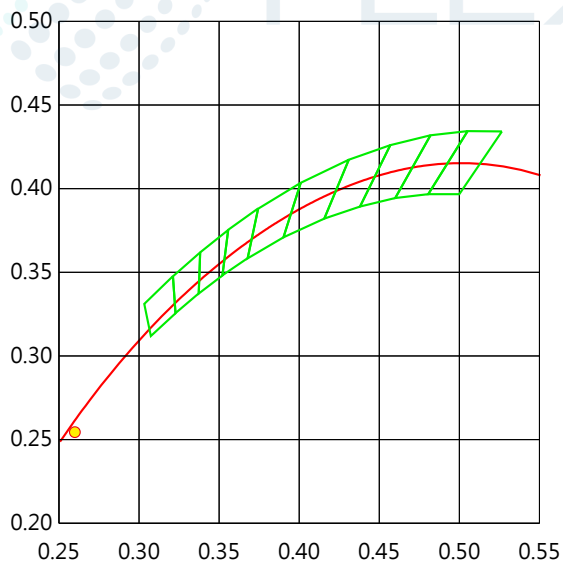


CIE 1976

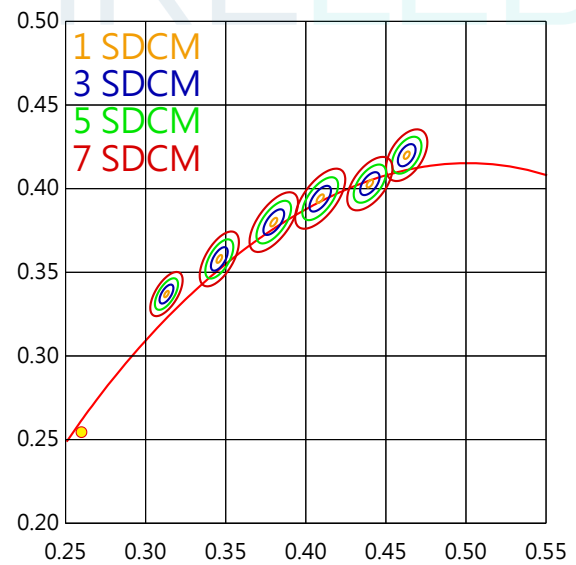
$x = 0.1879$, $y = 0.4139$ CCT = 19893K



C78.377 - 2017



IEC-SDCM



TM-30-20

Rf = 48 Rg = 104

