

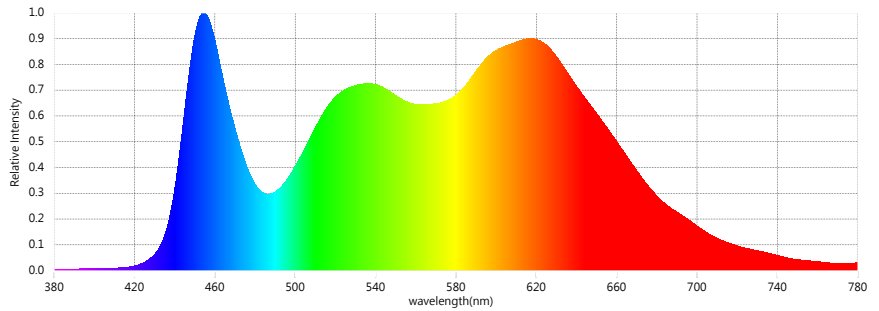


Product information and test conditions

Name	UltraBright™ Architectural Dynamic Tunable White Series CRI 90+	
Time	2020-06-04 03:32:29(Time-zone GMT+8)	
Manufacturer	Flexfire LEDs, Inc.	
User	FlexfireLEDs (warehouse@flexfireleds.com)	
Temperature(°C)	Humidity(%)	Distance(m)

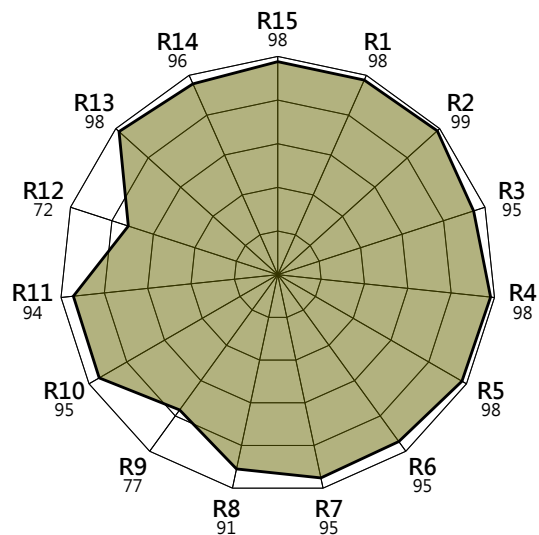
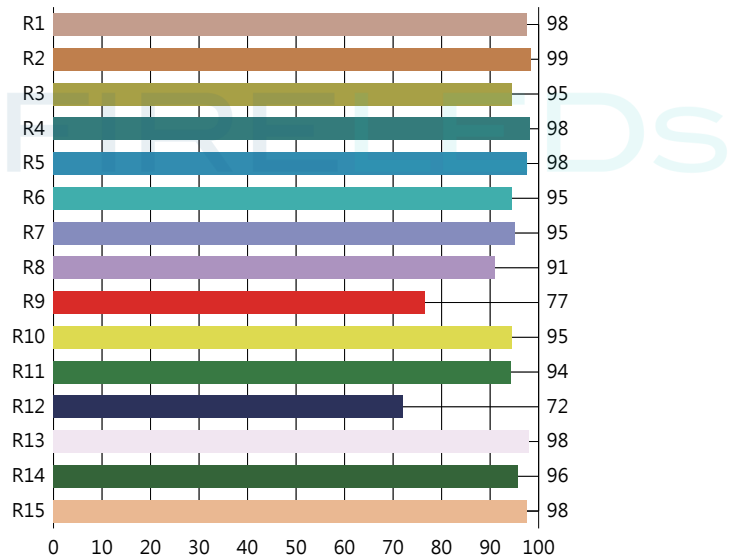
Parameters	
CIE_x	0.3749
CIE_y	0.3652
CIE_u'	0.2261
CIE_v'	0.4956
CCT	4070 K
Duv	-0.0038
CRI (Ra)(R1~R8)	96
CRI (Re) (R1-R15)	93
CQS	93
TLCl(Qa)	91
GAI	85
TM-30-15 Rf	90
TM-30-15 Rg	101
Illuminance	2,093 lux
Foot Candle	194.4 fc
PPFD (400-700nm)	31.78 $\mu\text{mol}/\text{m}^2\text{s}$
λ_p	454 nm
λ_D	581 nm
Purity (Pe)	20 %
SP Ratio	1.8
Circadian Stimulus	0.60
Circadian Light	1,859

Spectrum



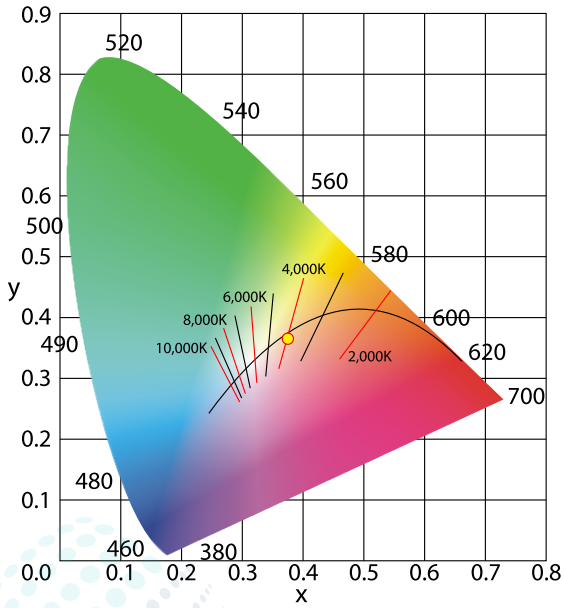
CRI (Re) (R1-R15)

Ra = 96 Re = 93



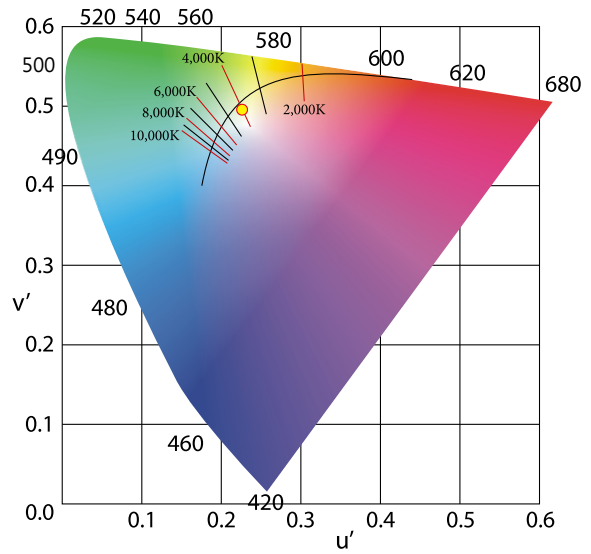
CIE 1931

$x = 0.3749, y = 0.3652$ CCT = 4070K

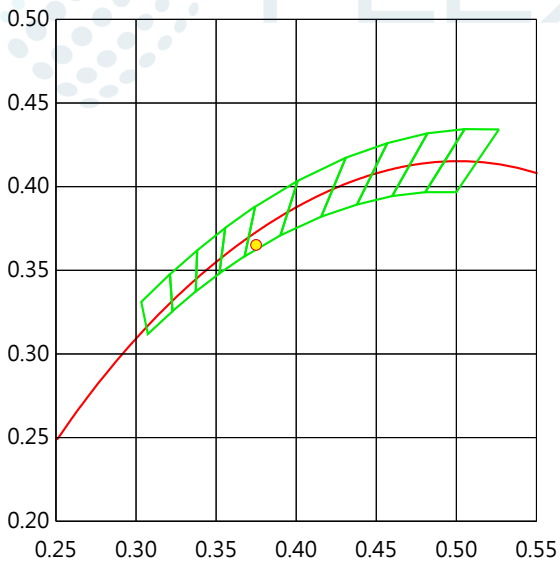


CIE 1976

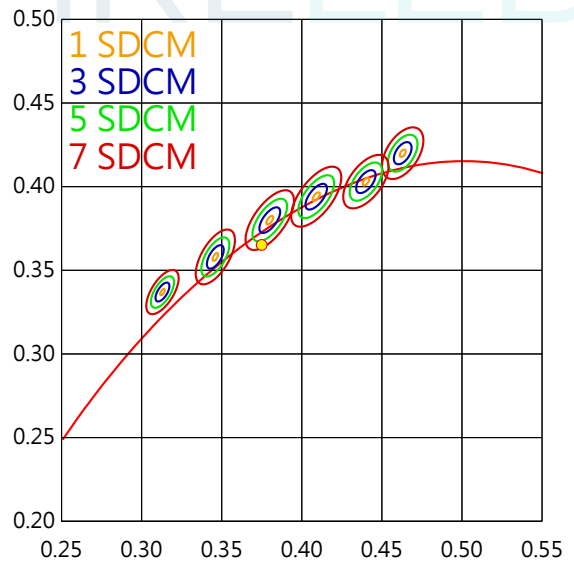
$x = 0.2261, y = 0.4955$ CCT = 4070K



C78.377 - 2017



IEC-SDCM



TM-30-18

Rf = 91 Rg = 101