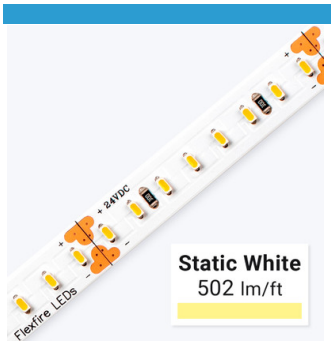
FLEXFIRE Lighting Parameter Analysis Report



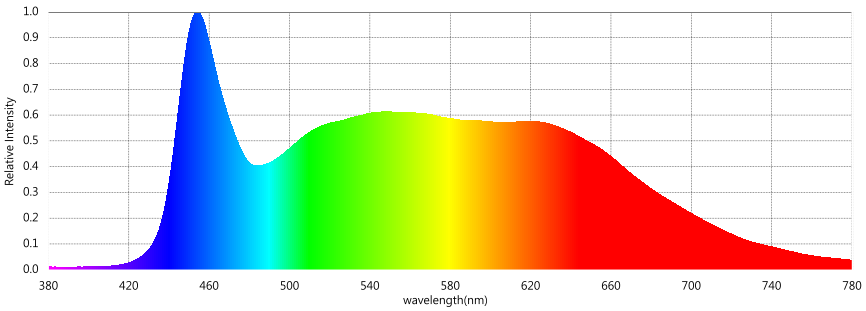
Product information and test conditions

Name	UltraBright™ Architectural Series LED Strip Light - 5000K
Time	2022-03-03 17:12:29(Time-zone GMT+8)
Manufacturer	Flexfire LEDs, Inc.
User	FlexfireLEDs (warehouse@flexfireleds.com)
Temperature(℃)	**Humidity(%)** **Distance(m)**

Parameters

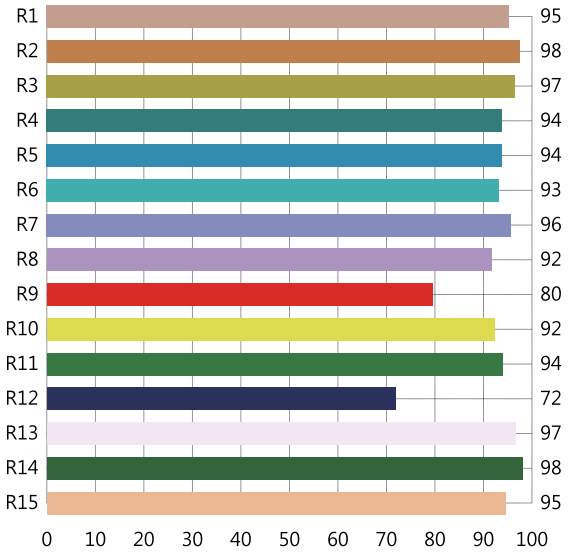
CIE_x	0.3394
CIE_y	0.3498
CIE_u'	0.2082
CIE_v'	0.4829
CCT	5220 K
Duv	0.0015
CRI (Ra)(R1~R8)	95
CRI (Re) (R1-R15)	92
CQS	92
TLCI(Qa)	96
GAI	89
TM-30-20 Rf	91
TM-30-20 Rg	98
Illuminance	1,977 lux
Foot Candle	183.7 fc
PPFD (400-700nm)	31.16 μmol/m^{2}s
λp	453 nm
λD	567 nm
Purity (Pe)	10 %
SP Ratio	2.2
Circadian Stimulus	0.60
Circadian Light	2,466

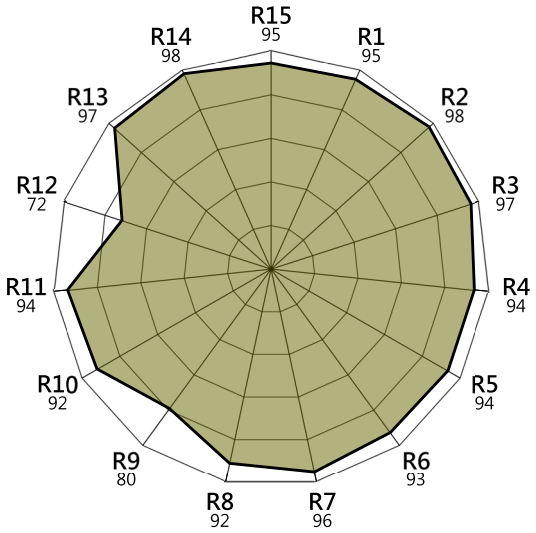
Spectrum



CRI (Re) (R1-R15)

Ra = 95 Re = 92





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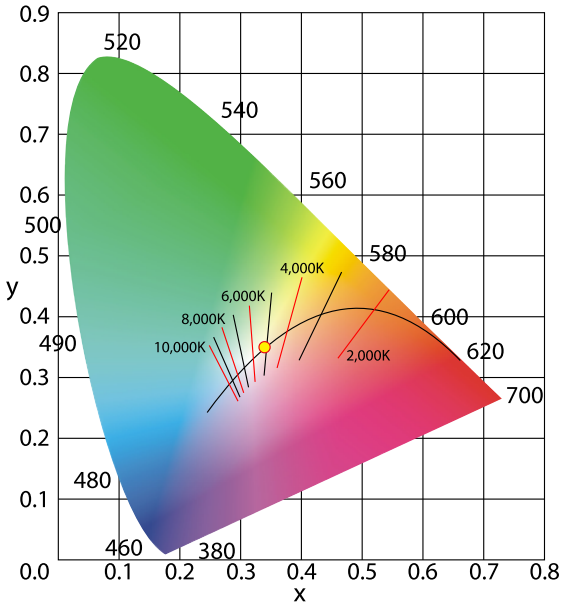
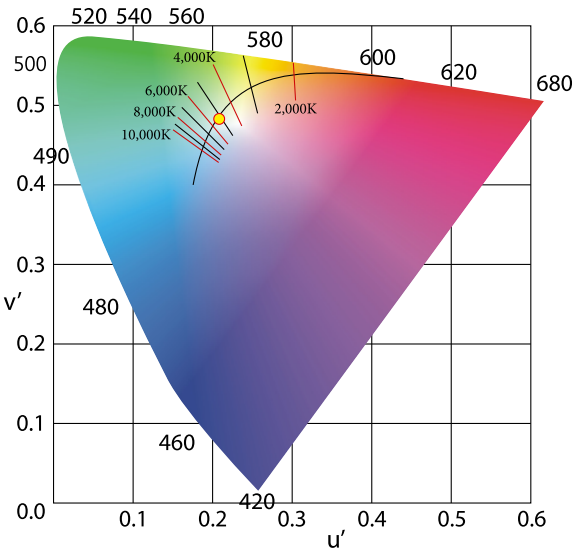
CIE 1931

x = 0.3394 , y = 0.3498 CCT = 5220K

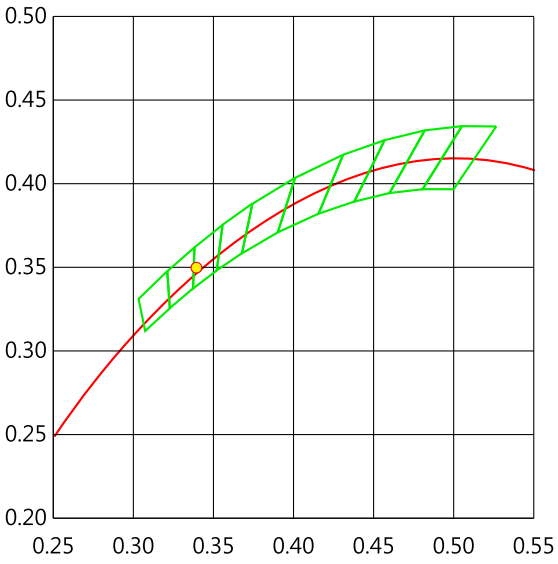


CIE 1976

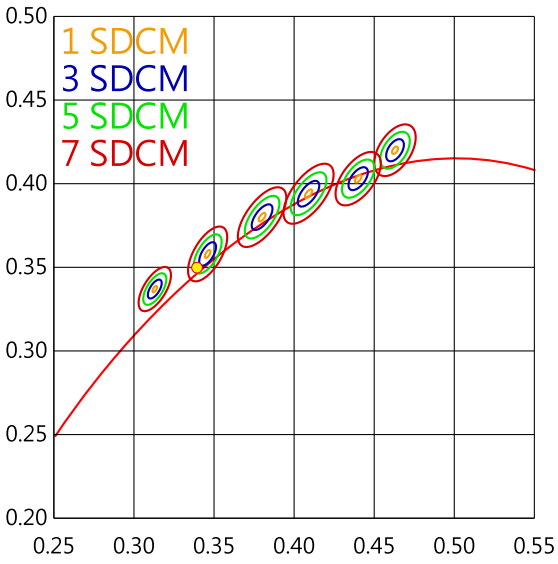
x = 0.2082 , y = 0.4829 CCT = 5220K



C78.377 - 2017

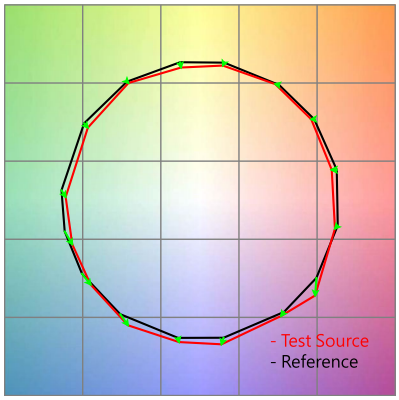


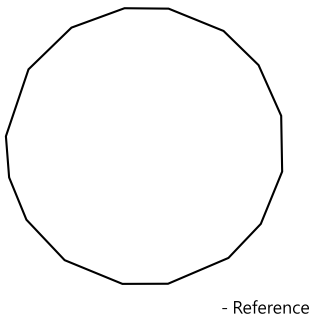
IEC-SDCM

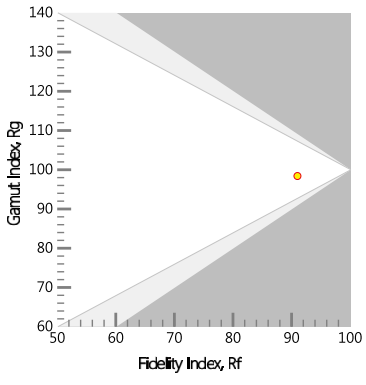


TM-30-20

Rf = 91 Rg = 98







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