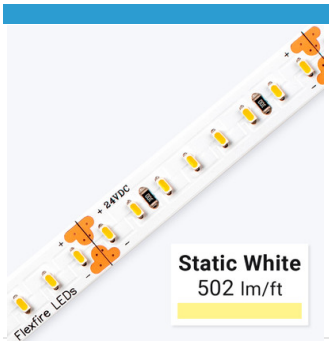
Lighting Parameter Analysis Report



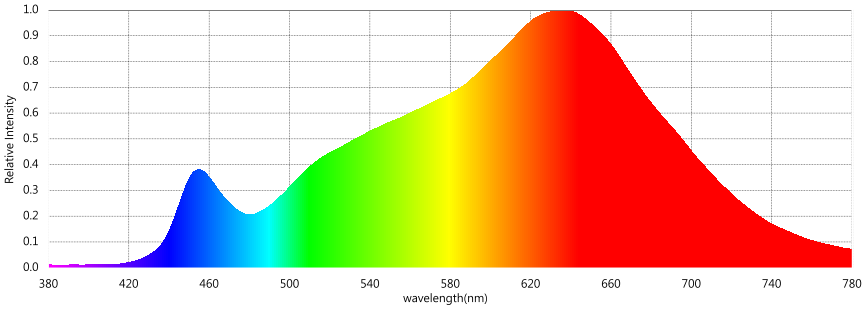
Product information and test conditions

Name	UltraBright™ Architectural Series LED Strip Light - 2700K
Time	2022-02-03 16:51:33(Time-zone GMT+8)
Manufacturer	Flexfire LEDs, Inc.
User	FlexfireLEDs (warehouse@flexfireleds.com)
Temperature(℃)	Humidity(%)	Distance(m)

Parameters

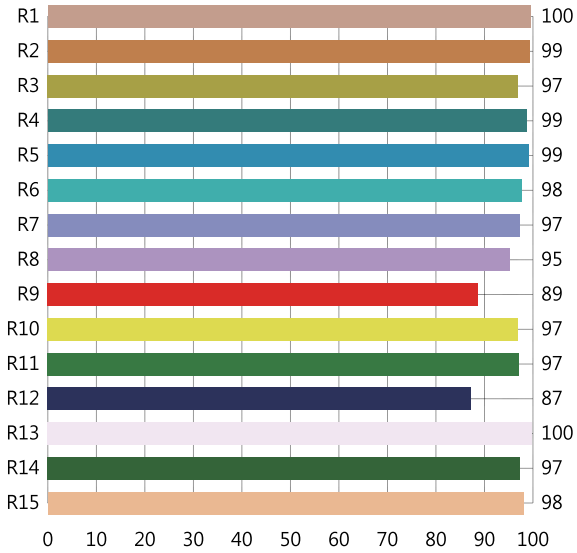
CIE_x	0.4482
CIE_y	0.4042
CIE_u'	0.2578
CIE_v'	0.5231
CCT	2820 K
Duv	-0.0013
CRI (Ra)(R1~R8)	98
CRI (Re) (R1-R15)	97
CQS	96
TLCI(Qa)	97
GAI	55
TM-30-20 Rf	95
TM-30-20 Rg	101
Illuminance	2,058 lux
Foot Candle	191.2 fc
PPFD (400-700nm)	35.57 μmol/m^{2}s
λp	636 nm
λD	584 nm
Purity (Pe)	60 %
SP Ratio	1.4
Circadian Stimulus	0.60
Circadian Light	1,986

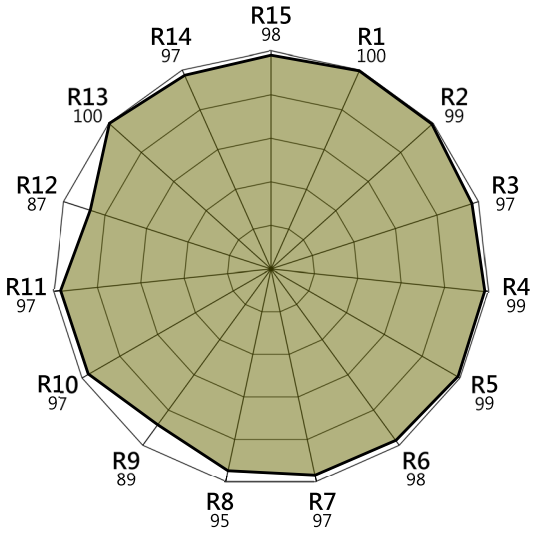
Spectrum



CRI (Re) (R1-R15)

Ra = 98 Re = 97



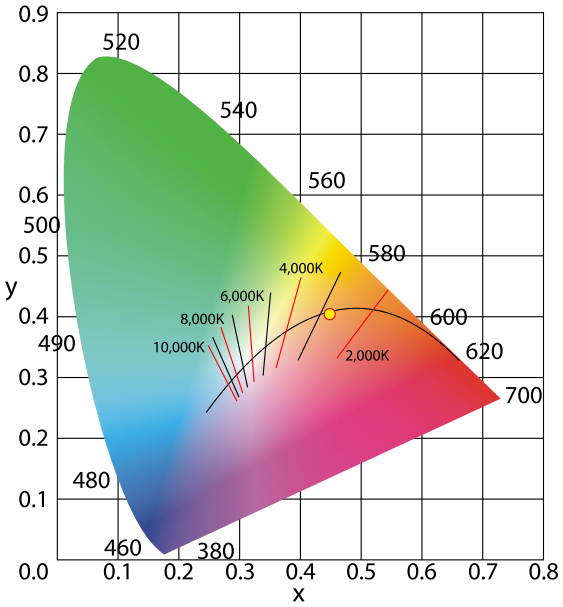


Copyright © 2021 Asensetek Canada Inc. All Right Reserved

Lighting Parameter Analysis Report

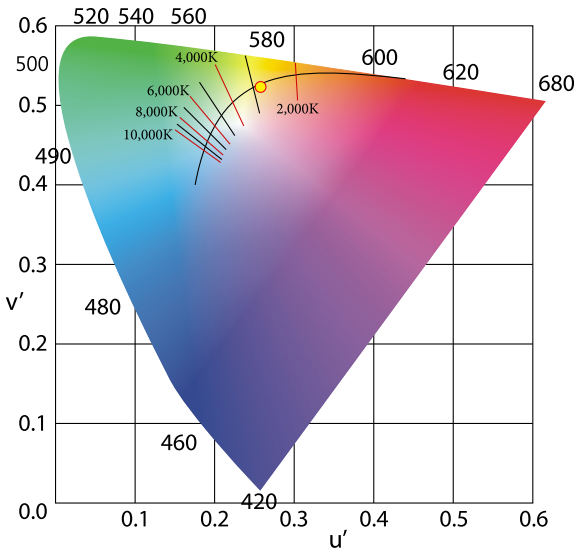
CIE 1931

x = 0.4482 , y = 0.4042 CCT = 2820K

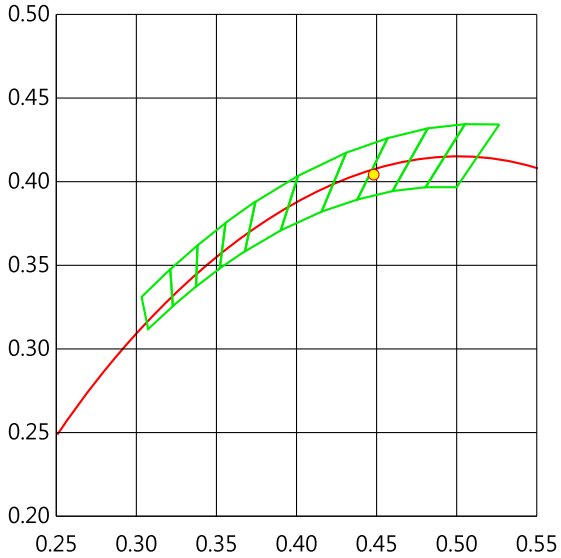


CIE 1976

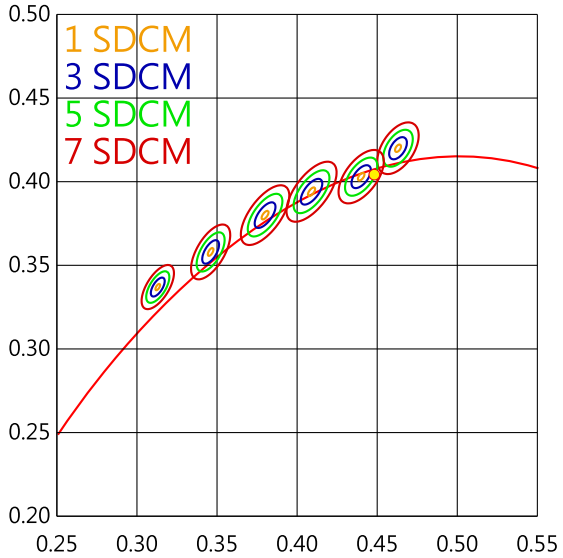
x = 0.2578 , y = 0.5231 CCT = 2820K



C78.377 - 2017

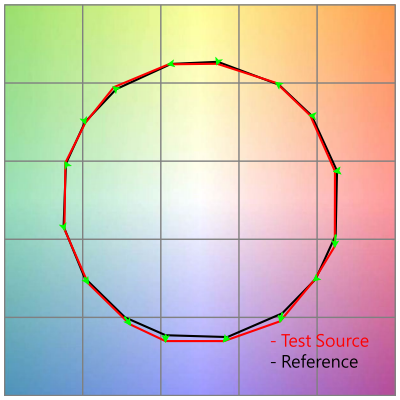


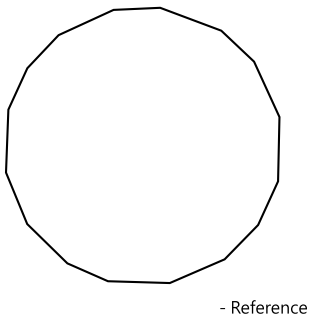
IEC-SDCM

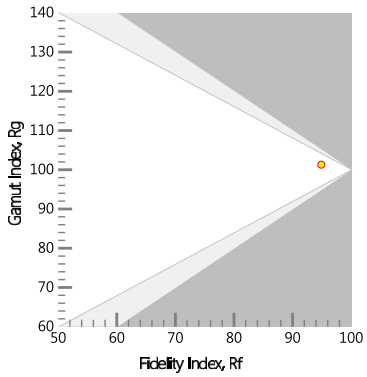


TM-30-20

Rf = 95 Rg = 101







Copyright © 2021 Asensetek Canada Inc. All Right Reserved