FLEXFIRE Lighting Parameter Analysis Report

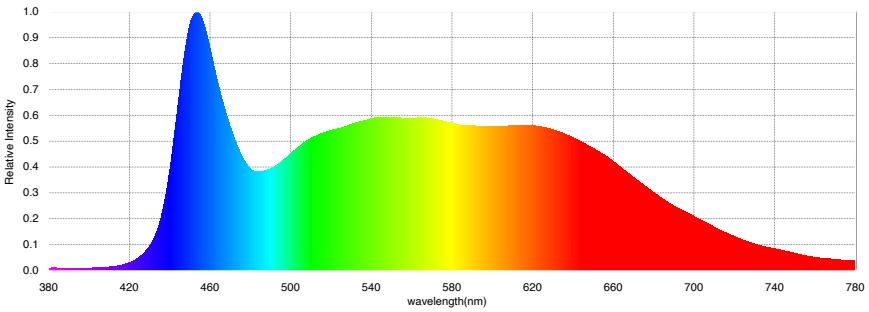
Product information and test conditions

Name	UltraBright™ Slim Series LED Strip Light (5000K)
Time	2022-05-12 23:49:41(Time-zone GMT+8)
Manufacturer	Flexfire LEDs, Inc.
User	FlexfireLEDs (warehouse@flexfireleds.com)
Temperature(°C)	**Humidity(%)** **Distance(m)**

Parameters

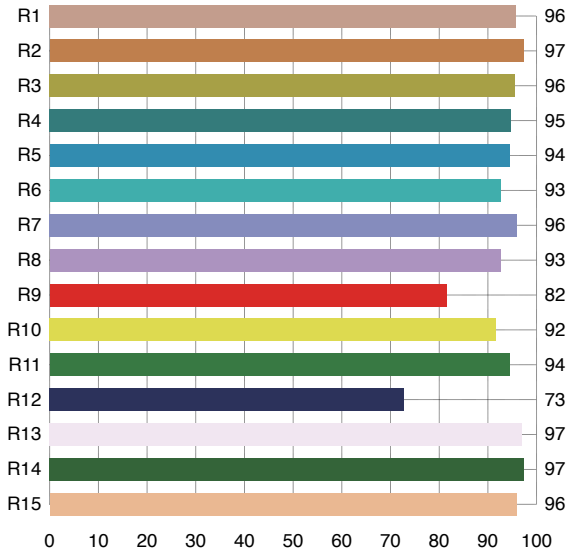
CIE_x	0.3375
CIE_y	0.3444
CIE_u'	0.2090
CIE_v'	0.4800
CCT	5288 K
Duv	-0.0005
CRI (Ra)(R1~R8)	95
CRI (Re) (R1-R15)	93
CQS	91
TLCI(Qa)	95
GAI	92
TM-30-20 Rf	91
TM-30-20 Rg	99
Illuminance	1,986 lux
Foot Candle	184.5 fc
PPFD (400-700nm)	31.47 μmol/m^2/s
λp	452 nm
λD	567 nm
Purity (Pe)	0 %
SP Ratio	2.2
Circadian Stimulus	0.00
Circadian Light 2.0	0

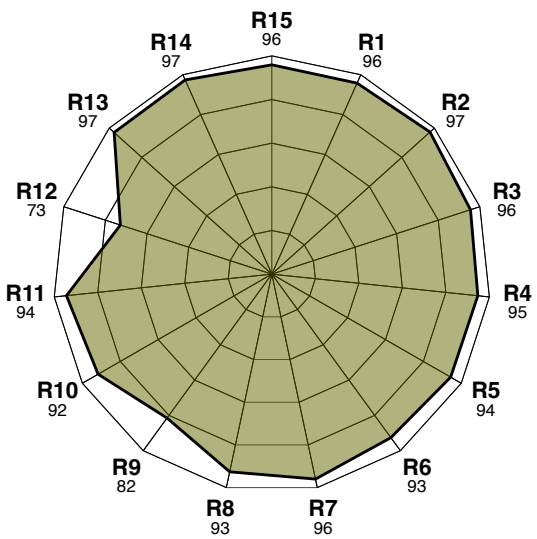
Spectrum



CRI (Re) (R1-R15)

Ra = 95 Re = 93



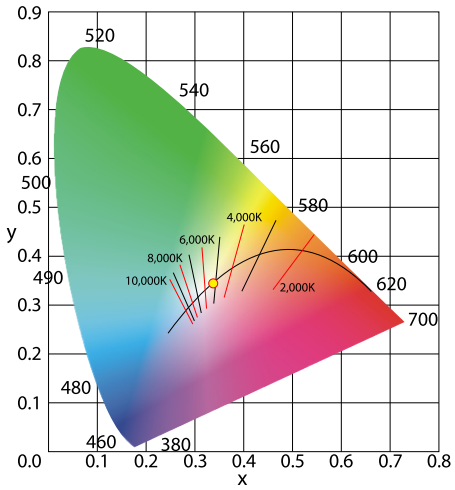


Copyright © 2021 Asensetek Canada Inc. All Right Reserved

Lighting Parameter Analysis Report

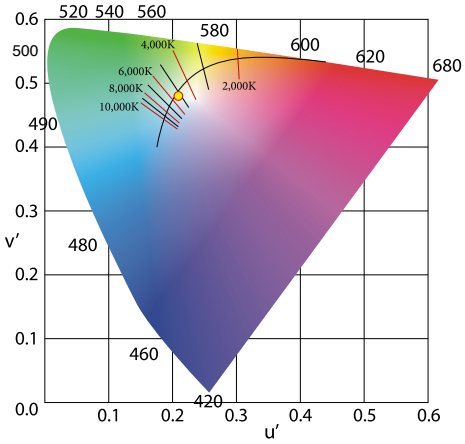
CIE 1931

x = 0.3375 , y = 0.3444 CCT = 5288K

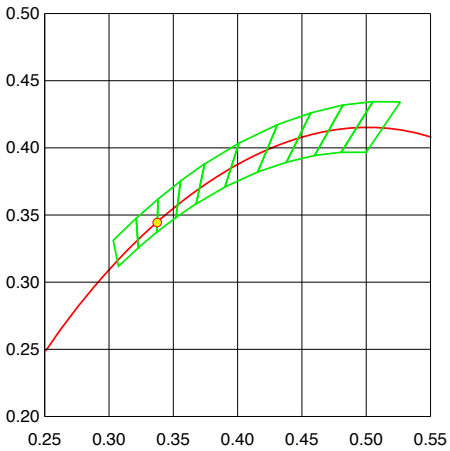


CIE 1976

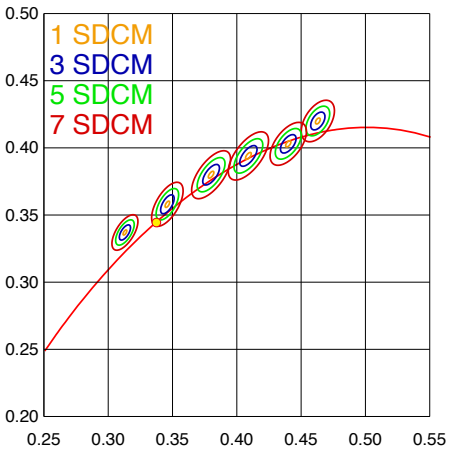
x = 0.2090 , y = 0.4800 CCT = 5288K



C78.377 - 2017

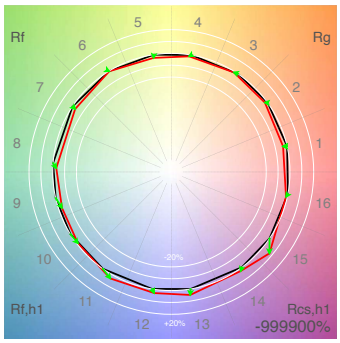


IEC-SDCM



TM-30-20

Rf = 91 Rg = 99



Copyright © 2021 Asensetek Canada Inc. All Right Reserved