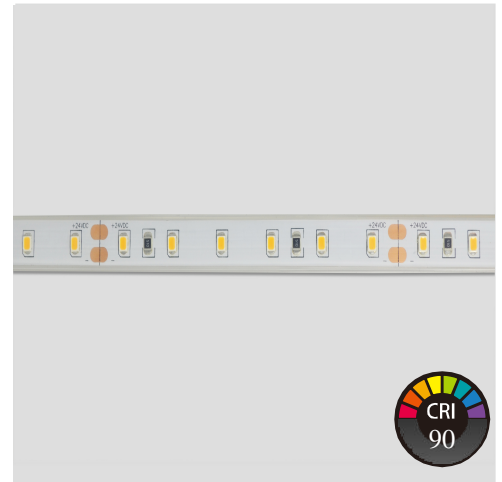
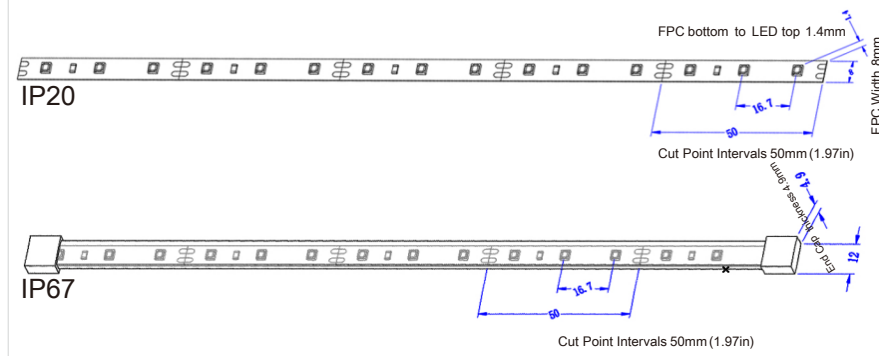


LED STRIP LIGHTS

Specification Sheet



PHYSICAL			
Product Type	Flexible LED Strip		
SMD Type	2835		
Strip Width	0.31inch	8mm	
Strip Total Length(Roll)	16.4inch	5M	
Led Linear Density	18.3LED/ft	60LED/m	
Cutable per every	1.97inch	50mm	6LEDs
Storage/Operating Temp	-20°C to +70°C	0°C to +40°C	
Lifespan	30 000 Hrs		



Electrical Input

Rated Power(Max.)

24 W/roll



ELECTRICAL			
Input Type	DC, Constat Voltage		
Input Voltage	12V DC		
Rated Power(Max.)	1.46W/ft	4.8W/m	24W/roll total

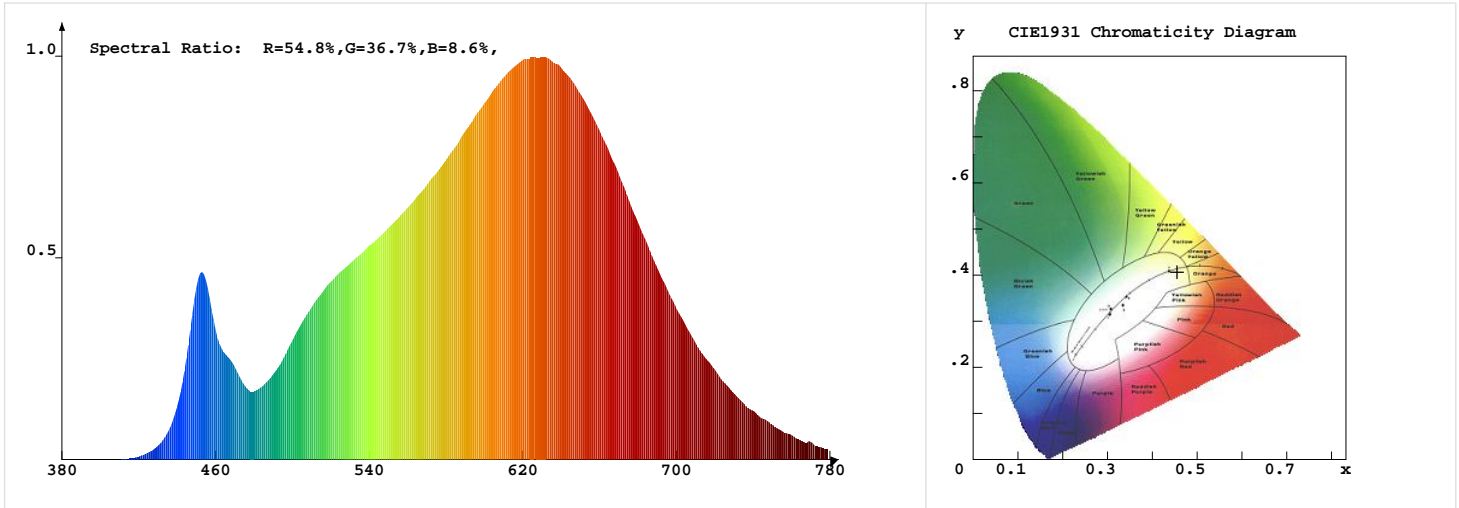
PRODUCT RANGE						
Part Number	Code	IP	CCT	Luminous Flux	Luminous Efficiency	CRI
FR2835V60WH08I12-U		IP20	2700K	399.58lm/m	83lm/W	90+
FR2835V60WH08OB12-U		IP67	2700K	380lm/m	83lm/W	90+

LED Test Report

Product Mark

Product Type : FR2835V60WH08112-U
 Temperature : °C
 Operator :
 Remark: 2835-(2700K) 0.5m Test Data

Manufacturer : LumenLight
 Humidity : 65%
 Test Date : 2020-02-21 16:52:36



Chroma Parameters

Chro. Coord.: $x=0.4557$ $y=0.4065$ $u=0.2616$ $v=0.3501$ $duv=-0.0012$

CCT: 2727K Dominant Wave: 584.5nm Purity: 58.8%

Flux RGB Ratio: R=25.3%, G=73.1%, B=1.5% Peak Wave: 625.7nm Half Width: 154.5nm

Rendering Index: Ra= 92.5

R1 =92 R2 =95 R3 =97 R4 =95 R5 =95 R6 =95 R7 =90 R8 =82

R9 =64 R10=89 R11=96 R12=81 R13=92 R14=97 R15=89

Fidelity Index(Rf)=90.6 Gamut Index(Rg)=100.4

Photo Parameters

Flux: 199.79lm Effi.: 83.2lm/W Radiant: 722.7mW Iv: 0.0mcd

Efficiency: 0.108 Effi Level: A++ (EU 874-2012)

Ele. Parameters

Voltage: U=12.00V

Current: I=0.2000A

Power: P=2.40W

Power Factor: PF=1.000

Instrument state

Instrument: Hopoo HP8000

Integral Time: 244.274ms

VPeak: 14923

VDark: 1351

Scan Range: 380-780nm

Product ID: 201607137

IES TM-30-2015 Test Report

Product Mark

Product Type : FR2835V60WH0812-U
 Temperature : °C
 Operator :
 Remark: 2835-(2700K) 0.5m Test Data

Manufacturer : LumenLight
 Humidity : 65%
 Test Date : 2020-02-21 16:52:36

Rf: 90.6 CCT(K): 2727 u': 0.2616
 Rg: 100.4 LER: 276.5 Duv: -0.0012 v': 0.3501

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	90.7	-4.4%	-0.0%
2	91.7	-3.0%	2.7%
3	88.3	-0.7%	5.3%
4	92.5	-0.8%	2.3%
5	93.8	1.2%	2.8%
6	94.1	3.2%	-0.1%
7	93.0	-0.7%	-2.7%
8	96.9	-0.7%	-1.4%
9	94.2	-2.1%	1.8%
10	89.0	-1.2%	6.3%
11	86.7	1.7%	8.6%
12	88.2	5.4%	1.8%
13	91.2	3.7%	-4.3%
14	86.8	5.1%	-8.1%
15	91.8	-1.0%	-4.2%
16	84.1	-1.5%	-11.0%

