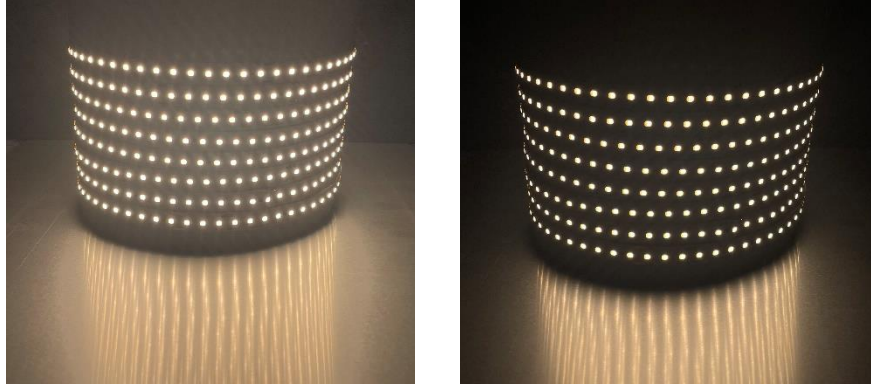


FLEX Single Color – Cuttable after every LED Series



FLEX Single Color with 3” Sections

STANDARD CCTs		
2700K	3000K	3500K
4000K	5000K	
STANDARD CRIs		
80		
90		

Features and Description:

- High Efficiency Premium Flexible LED Tape
- Drive lengths up to 15 FT.
- A++ Energy Efficiency Class
- LED Tape is Cuttable after every LED.
- 3M High Temperature Adhesive Backing
- Dimmable with compatible CC Drivers.
- Suitable for DLC 5.1.
- Luminaire Class: UL Class 2
- Maximum efficiency and ROHS compliant
- Assembled with UL recognized components.

Applications:

- Strip Light
- Linear Applications
- Display Lighting
- Edge Lighting
- General Illumination
- Cabinet Lighting





FLEX Single Color with 3” Sections

1- Module Ordering Code:

CCT	CRI	Part Number	CCT	CRI	Part Number
2700K	80CRI	XXXGAZXXS2780C	2700K	90CRI	XXXGAZXXS2790C
3000K		XXXGAZXXS3080C	3000K		XXXGAZXXS3090C
3500K		XXXGAZXXS3580C	3500K		XXXGAZXXS3590C
4000K		XXXGAZXXS4080C	4000K		XXXGAZXXS4090C
5000K		XXXGAZXXS5080C	5000K		XXXGAZXXS5090C

Note: In the above part numbers, **XX** stands for Length of the LED Flex strip and **XX** stands for Total no. LEDs on the Flex strip.

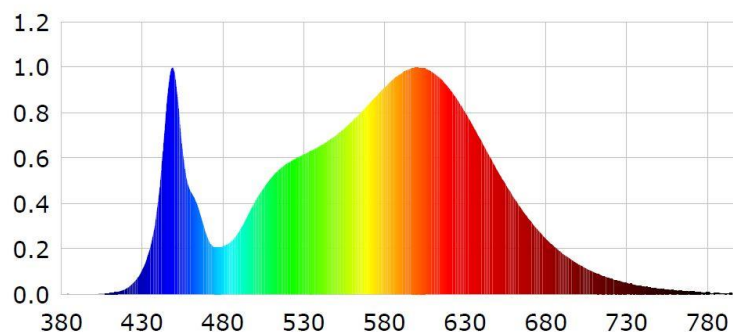
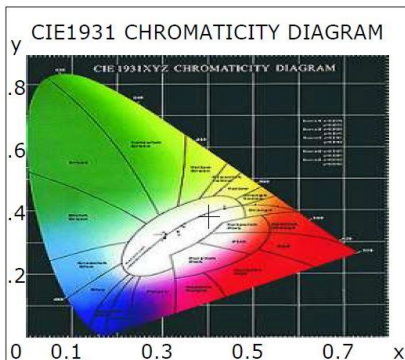
2- Photometric Parameters:

CCT	3500K 80CRI		
No. of LEDs per FT	48		
Voltage	21.81 V	22.62 V	24.01 V
Current per LED	32.5 mA	65 mA	130 mA
Current per FT	130 mA	260 mA	520 mA
Total Lumen per FT	470 lm	920 lm	1710 lm
Luminous Efficacy per FT	167 lm/W	156 lm/W	137 lm/W
Wattage per FT	2.83 W	5.88 W	12.48 W
Abs. Max Current per FT	1200 mA		

*Characteristics at $T_j = 25^\circ\text{C}$ and above data is for Constant Current version

3- Light Characteristics:

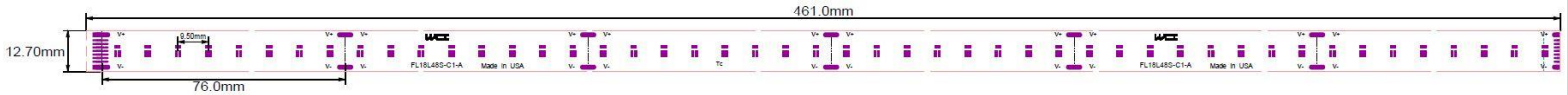
a. 3500K, 80CRI





Chromaticity Coordinates	x=0.403, y=0.385	Color Ratio	R=0.205, G=0.765, B=0.030
CCT	3500K	CRI	$R_a=83.9$
Energy Efficiency Class	A++ (EU 874-2012)	Color Purity	0.368

4- Dimensions and Structure:



Dimensions	Specification	Dimensions	Specification
<i>Module Length</i>	Up to 15FT	<i>Module Height</i>	0.90 mm
<i>Module Width</i>	12.70 mm	<i>PCB Thickness</i>	0.17 mm
<i>PCB Material</i>	FLEX PCB	<i>Module Weight</i>	5 g/FT

5- Absolute Maximum Ratings:

Parameter	Max.
<i>Forward LED Current to Module I_F/FT</i>	1200 mA
<i>LED Junction Temperature T_j</i>	125 °C
<i>Ambient/Operating Temperature T_a</i>	-40 to 85 °C

6- Wiring for Flex Strip:

Specification	Value
<i>Solder Wire Cross-Section, Fine Stranded</i>	0.14 – 0.34 mm ²
	26 – 22 AWG
<i>Wire Strip Length to Solder on Pads</i>	4.0 – 5.50 mm