



## SlimNeon FlexLED

A Slim LED Neon Replacement for Neon Signage and other Decorative Locations

Slim NeonFlex LED is a super slim LED replacement that is excellent for being used in a variety of creative ways. You asked for it and now it's here! Beautiful uniform look provides seamless, even output across a full 10 or 5 meters. Our SlimNeon is industrial-grade and is the LED neon we use for our wildly popular neon hearts at Our Glowing Hearts.

Available in 2400K and 6500K colour temperatures, solid colours including, Red, Green, Blue, Orange, Magenta, Cyan, Pink as well as Pixel control.

Customized colours and lengths are available upon request. IP67 rated for outdoor use and 35,000 hour lifespan.

- Suitable for on-camera use, or anywhere a high-quality white light is required.
- High CRI full spectrum whites (Colour Rendering Index) >95. No green spike or colour spectrum deficiencies.
- High tack VHB 5952 double sided tape ensures secure mounting in a variety of wet and dry environments.
- Maximum recommended length in order to prevent line-loss is 10m (32'). (powered from both ends)
- Controller, Power supply and Extension Cables sold separately.
- Quantity Discounts available. Please call to inquire.

### Soldering Guidelines:

Soldering iron should be between 360°C and 372°C. Please ensure not to heat each solder pad for longer than 3 seconds otherwise separation of the solder pads can occur.

*Warning!* Do not submerge in water for more than 30 minutes.

*Warning!* Minimum bend radius of 60MM



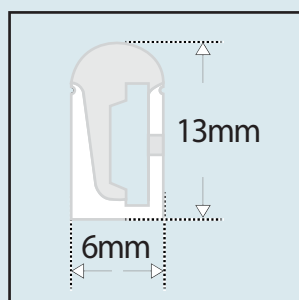
## TECHNICAL SPECIFICATIONS

### Individual Colours

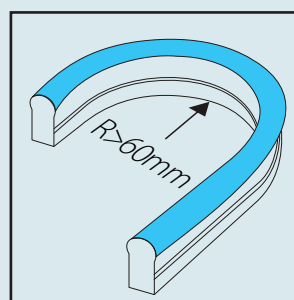
1	PRODUCT TYPE	Slim Neon Flex White	Slim Neon Flex Colours	Slim Neon Pixel
2	PRODUCT CODE	SNFX-O12V20613-XX0095-10M	SNFX-O12V20613-XXX-10M	SNFX-O12V20613-RGB-281510M
3	CRI / TLCI	≥95	N/A	
4	COLOUR TEMP. OR WAVELENGTH	2400K/2700K/3000K/ 4000K/5500K/6500K	Red, Green, Blue, Cyan, Magenta, Orange, Pink	RGB Pixel
5	WAVELENGTH	WHITE	RED (625nm) GREEN (520nm) CYAN (475nm) MAGENTA (687nm) ORANGE (605nm )	RGB Pixel
6	CURRENT, RATING	0.96 A / METER	0.96 A / METER	1.7 A / METER
7	VOLTAGE	12 VDC		
8	WATTAGE	11.5 W / METER	11.5 W / METER	20 W / METER
9	CC / CV	CONSTANT VOLTAGE		
10	IP RATING	IP67		
11	LUMENS @ FULL	391 ~ 690lm / METER		
12	LUMEN / WATT	34 ~ 60 lm / METER	N / A	
13	LIFETIME*	30,000 HOURS		
14	CUTTING LENGTH	2.08 CM		0.83 CM
15	LEDS/METER QUANTITY	140 LED / METER		120 LED / METER
16	NUMBER OF CONTACTS	2		4
17	LED TYPE	2835		5050
18	PCB COPPER QUANTITY	3 Oz.		
19	OPERATING TEMPERATURE RANGE	-40° TO - 70° C		
20	AGENCY RATINGS	UL - E489028, CE, RoHS		
21	PCB WIDTH	10MM		
22	MAXIMUM RECOMMENDED LENGTH	10 METERS (powered from both ends)		5 METERS
23	VIEWING ANGLE	120°		
24	ADHESION	3M VHB 5952		

\* - NOMINAL LIFETIME BASED ON IDEAL INSTALLATION LOCATION CONDITIONS & ASSUMING MAXIMUM OF 16 HOURS PER DAY OF USE

Dimensional Profile



Minimum Bend Radius

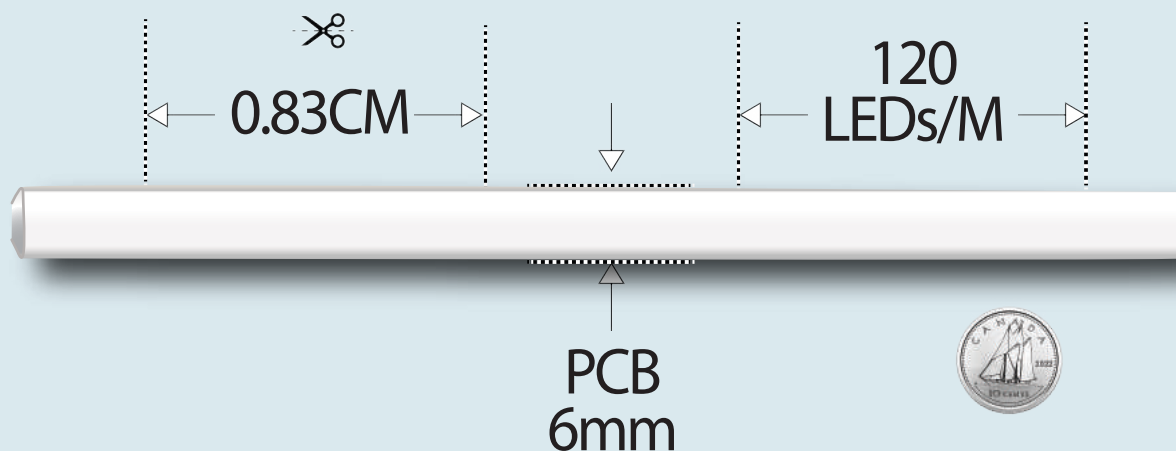


## SLIM NEON FLEX SKU ORDERING CODES (2400k Example)

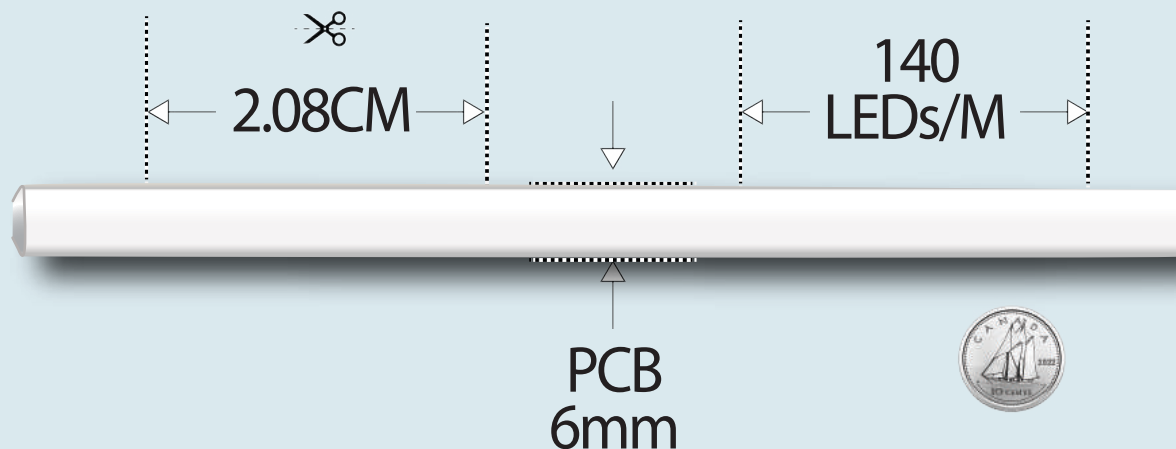
SNFX	O	12	V	2	0613	2400	95	10M	---
1	2	3	4	5	6	7	8	9	10
Family Series	IP Rating	Voltage	Voltage	Shape	Dimensions	CCT	CRI	Length	Connector

<b>1 Family Series</b> SNFX Slim Neon Flex	<b>2 IP Rating</b> O IP65	<b>3 Voltage</b> 12 12 Volt DC (Standard) 24 24 Volt DC (Optional) 5 5 Volt DC (Optional)	<b>4 Voltage</b> V Constant Voltage C Constant Current	<b>5 Shape</b> 1 Flat Shape 2 Dome Shape (Standard) 3 Convex 4 Other
<b>6 Dimensions</b> 0613 06MM Width X 13M Height XXYY Custom Sizes Available	<b>7 Colour or Colour Temperature</b> 2400 2400 Kelvin 4100 4100 Kelvin 5500 5500 Kelvin	<b>8 CRI</b> 95 95 80 80 -- Colours do not have CRI values	<b>9 Length</b> 10M 10 Meters	<b>11 Connector</b> Bare End Wire (Standard) DC 2.5 X 5.1MM Barrel Connector 5 Pin Male Chogori Custom Connectors Available

## RGB Pixel Dimensional Diagram



## White & Solid Colours Dimensional Diagram



Custom Lengths Available

Custom Colours Available

Specifications Subject to Change Without Notice