

# BendLUX

Low-profile,  
flexible strip lighting



We Brighten  
Your Brands.

# Bent on brilliance.

BendLUX LED strip lighting system is the thin, flexible solution for illuminating routed acrylic block letter, shallow channel letter, and backlit halo letter applications. Slim and versatile, sign builders quickly discover how easy BendLUX strips install to fit the contours of narrow or shallow letters.



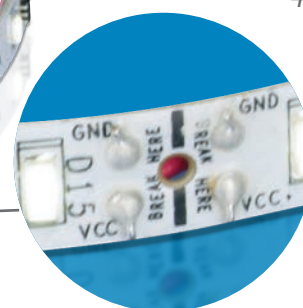
- Bendable in both flat and radial directions
- Easy to mount and install on any channel letter shape
- Strips quickly and easily conform to any shape with **"Snap-n-Stretch"** 45 mm (1.7 in) sections for easy flat bends and connections without the need for soldering
- Current Technology (CCT)



Constant Current Technology

12.5 strips per 60 W power supply

**"Snap-n-Stretch"**  
45 mm (1.7 in) sections for easy flat bends and connections



Strip	Desired can depth							
	50 mm (2 in)	75 mm (3 in)	100 mm (4 in)	125 mm (5 in)	150 mm (6 in)	178 mm (7 in)	200 mm (8 in)	228 mm+ (9 in+)
BendLUX	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal

■ Optimal ■ Acceptable ■ Testing required

# Highly adjustable.

BendLUX allows sign makers to achieve sophisticated effects with ease and minimal waste with **"Snap-n-Stretch"** 45 mm (1.7 in) sections for easy flat bends and connections without the need for soldering, saving time and money.

# We're on a power trip.

Constant Current Technology (CCT) is at the heart of SloanLED's product offering, and forms the backbone of SloanLED channel letter products. We introduced CCT to the industry to maintain consistent current levels, eliminating the line loss and voltage drop issues common in many LED lighting systems. CCT provides uniform light output throughout the entire installation, while also preventing damage from overdriving of the LEDs.

## Consistency is key.

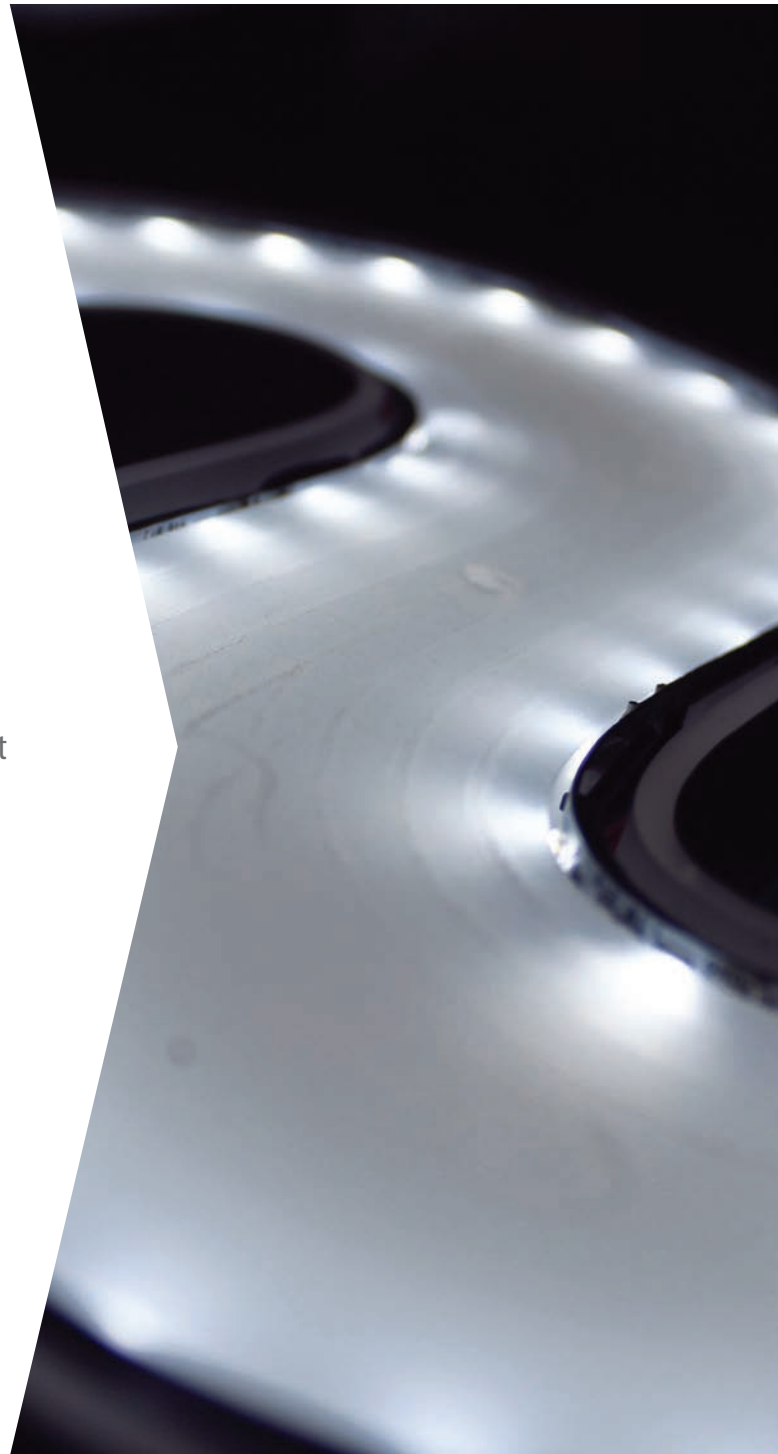
The human eye is an incredibly sensitive instrument, and our brains are wired to detect exceptions and inconsistencies in our environment. Tiny process variations in manufacturing can manifest themselves as a problem when it comes to any product that deals with light and color, and this phenomenon can be observed in lot-to-lot variation in dyes, fabrics, and paints.

LEDs are no exception.

Binning is a method of sorting LED chips so that all the LEDs from one particular bin share a similar output and appearance. Many LED systems often demonstrate a temperature range variation of 1000 K, and extreme deviations like that can result in substantial differences in color. SloanLED uses a 3-step McAdam Ellipse binning process for chip color consistency so your brand is represented accurately every time.

## There's no substitute for quality.

Other LED manufacturers use cheaper components and maximize the potential brightness of their products at the expense of longevity; overdriving the LEDs for instant gratification while sacrificing sustainability and endurance. SloanLED uses the highest caliber components in order to offer you a superior product with the longest lifespan.



# BendLUX

## Specifications

**Part number** ..... 701960-6WS241

**Dimensions L × W × H** ..... 610 mm × 8 mm × 3 mm  
(24.0 in × 0.3 in × 0.1 in)

**Viewing angle** ..... 120°

**LEDs per section** ..... 3

**Lumens per strip** ..... 365

**Color temperature (nominal)** .... 6500 K

**Minimum radial bend radius** ..... 25 mm (1 in)

**Operating temperature** ..... -40° C to +70° C

**Special feature** ..... "Snap-n-Stretch" 45 mm (1.7 in) sections for easy flat bends and connections

**Power** ..... 0.3 W per section, 4.2 W per strip

**Efficacy** ..... 85 lm/W

**Power capacity** ..... 12.5 strips per SloanLED 60 W 12 VDC power supply

**Fastening** ..... Peel-n-stick

**Packaging** ..... 12 strips per box

**Product Warranty** ..... 5-year limited



BendLUX is covered by patents pending.

## Power Supply Capacity

Item description (Part number)	Power output	BendLUX
<b>Modules per meter/foot</b>		610 mm (2 ft) strips
Self-Contained 20 W <sup>1</sup> [701680]	20 W	2.4 m (8 ft) / 4 strips
Compact 12/25 W [410174]	25 W	3.2 m (10.4 ft) / 5 strips
60C1 60 W [701507-60C1] 60W1 60 W [701507-60W1] MODW(E) 60 W [701507-MODW(E)] MOD277 60 W [701507-MOD277]	60 W	7.6 m (25 ft) / 12.5 strips
120D1 120 W [701507-120D1]	120 W	2 × 15.2 m (50 ft) 12.5 strips
Watts per module		4.2 W per strip

<sup>1</sup> U.S. and Canada only.

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