

24
VDC

5
YEAR
Product & Labor
WARRANTY

We Brighten Your Brands



SloanLED BrightLINE 2

LED illumination for shallow,
single-sided sign boxes



SloanLED®
A Principal Industries Company

A straight line to stunning retail displays.

SloanLED BrightLINE 2 is better than ever, delivering bright, uniform illumination and fast, easy installation in shallow, single-sided, fabric-face light boxes more efficiently with lower energy consumption allowing for more product per power supply!

- Ideal for single-sided, fabric-face light boxes 30 - 120 mm deep
- **NEW** LP version optimized for applications 40 mm deep or less balances brightness and product spacing to achieve incredible loading of 44 (long) sticks per 100 W power supply
- Now available in 6500 K and 4000 K for greater versatility in illuminating warm to cool colors and skin tones
- Massive increase in efficacy allows 50% more product per power supply over previous generation without sacrificing brightness
- Long and Short lengths available for ease of installation
- Features prism lens technology for bright, even illumination
- Fast, easy installation with no soldering or plugging individual boards together
- 5-year parts and labor assistance warranty



* SloanLED BrightLINE 2 Short cuttable in length only.

Winter Fashion

5
YEAR
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*Improved efficacy
at 173 lm/W*

**SloanLED
BrightLINE 2 LP's**
*tighter spacing is offset
with a reduced light
output of 33% resulting
in even more product
per power supply!*

*Cuttable in width and length for zero waste**

*Conformal coated and protected to resist
condensation that can form during indoor use*

*Pre-wired system, no soldering required, with fewer
connections for faster install time and increased reliability*

SloanLED BrightLINE 2 features prism lens technology which captures otherwise wasted light and redirects it toward the illuminated surface, delivering bright, even illumination and wider spacing, while providing a greater degree of protection against accidental damage to the LED system when the retailer is replacing the graphics.



Consistency is key.

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. This is particularly evident in more challenging applications such as shallow light boxes where consistent color reproduction across the entire display is crucial. SloanLED maintains tight control over the binning process for chip color consistency so your brand is represented accurately every time.

Brightening the bottom line.

SloanLED has been a key manufacturer and supplier to the sign industry for over 20 years. Our high-efficiency, long lasting solutions don't just light your signs; they represent significant energy cost reductions, maintenance cost savings, easy installation, and faster ROI. SloanLED BrightLINE 2's low-voltage 24 VDC system delivers exceptional efficiency and performance, and surpasses expectations using up to 20% less power than common LED ribbon tape solutions.



Confidence down the line.

LED ribbon tape, commonly used in this type of application, is often manufactured using cheaper components—maximizing the potential brightness of the product at the expense of longevity and overdriving the LEDs for instant gratification, resulting in a color shift and a decrease in brightness over a short period of time. SloanLED BrightLINE 2 utilizes the highest caliber components in order to maintain brightness and consistent color throughout the life of the product, even at temperatures up to 60° C.

Specifications

Model		Part number	Color temp. (CCT)	Dimensions L × W × H	Power per strip	Efficacy	Lumens per strip	Packaging
SloanLED BrightLINE 2	Long	701989-6W24LB3	6500 K	479 mm × 18 mm × 8 mm	3.0 W	173 lm/W	530	30-unit daisy-chain per bag, 10 bags per carton
		701989-4W24LB3	4000 K					
	Short	701989-6W24SB3	6500 K	160 mm × 18 mm × 8 mm	1.0 W		177	
		701989-4W24SB3	4000 K					
SloanLED BrightLINE 2 LP	Long	701989-6W24LB4	6500 K	479 mm × 18 mm × 8 mm	1.94 W		335	46-unit daisy-chain per bag, 6 bags per carton
		701989-4W24LB4	4000 K					
	Short	701989-6W24SB4	6500 K	160 mm × 18 mm × 8 mm	0.65 W		113	
		701989-4W24SB4	4000 K					

LEDs per strip Long6
Short2

Strips per meter SloanLED BrightLINE 26.7
(fully spaced) SloanLED BrightLINE 2 LP ... 10.0

Coverage per row

Depth	Spacing
40 mm	100 mm
50 mm	120 mm
60 mm+	150 mm

Operating temperature-40° C to +60° C

Protection classIP5X

Life rating>54,000 hours

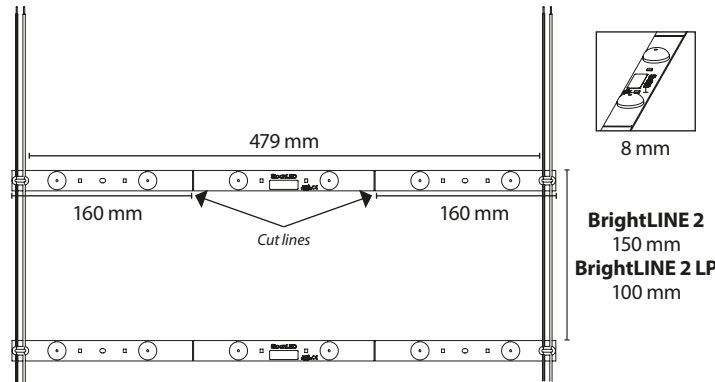
Optional dimming PWM (Pulse width modulation,
SloanLED Universal LED
Wireless Dimmer 601115)

Power Supply Capacity

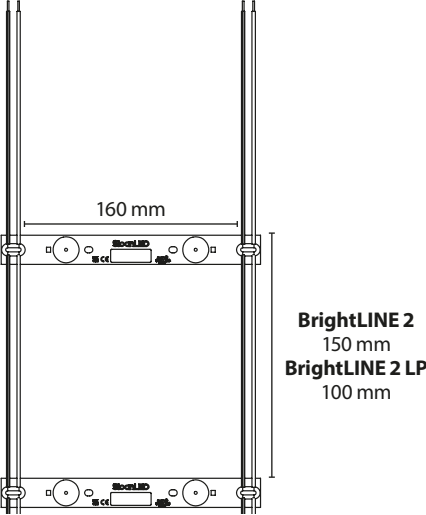
24 VDC power supply	Maximum meters / LED strips			
	SloanLED BrightLINE 2 Long 3.0 W/strip, 20 W/m	SloanLED BrightLINE 2 Short 1.0 W/strip, 6.7 W/m	SloanLED BrightLINE 2 LP Long 1.94 W/strip, 20 W/m	SloanLED BrightLINE 2 LP Short 0.65 W/strip, 6.5 W/m
30 W Power Supply (EU/ROW ONLY)	1.4 m / 9 strips	4.1 m / 27 strips	1.4 m / 14 strips	4.2 m / 42 strips
60 W Power Supply	2.7 m / 18 strips	8.1 m / 54 strips	2.8 m / 28 strips	8.3 m / 42 strips
96 W Power Supply	4.5 m / 30 strips	13.5 m / 90 strips	4.6 m / 46 strips	13.8 m / 138 strips
3 × 96 W Power Supply	3 × 4.5 m / 30 strips	3 × 13.5 m / 90 strips	3 × 4.6 m / 46 strips	3 × 13.8 m / 138 strips
100 W Power Supply	4.5 m / 30 strips	13.5 m / 90 strips	4.6 m / 46 strips	13.8 m / 138 strips
150 W Power Supply (EU/ROW ONLY)	6.8 m / 45 strips	20.3 m / 135 strips	7.0 m / 70 strips	20.8 m / 208 strips

Dimensions

SloanLED BrightLINE 2 & SloanLED BrightLINE 2 LP Long



SloanLED BrightLINE 2 & SloanLED BrightLINE 2 LP Short



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Specifications subject to change without notice.