

24  
VDC

5  
YEAR  
Product & Labor  
WARRANTY

# We Brighten Your Brands



## SloanLED BrightLINE Outdoor

Outdoor illumination  
for shallow, single-sided  
sign boxes

 **SloanLED**<sup>®</sup>  
Leaders in LED Technology

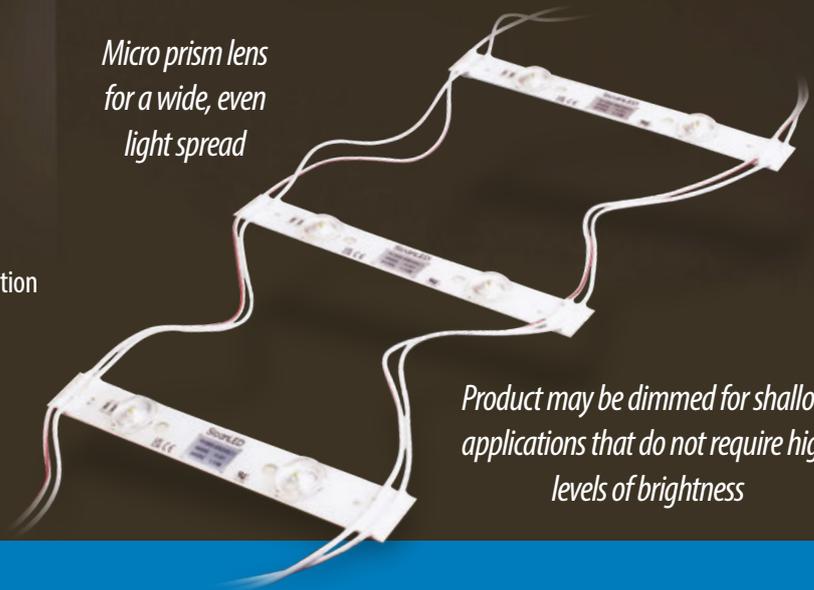
# The straight line to stunning outdoor displays.



SloanLED BrightLINE Outdoor brings the performance and versatility of our BrightLINE 2 product to shallow, single-sided, push-through signs and light boxes requiring high levels of brightness in outdoor applications.

- Ideal for shallow, single-sided, push-through signs and light boxes 30 -200 mm (1.2 - 8.0") deep requiring high levels of brightness in outdoor applications
- Outdoor silicone coating for safe, reliable use in outdoor applications
- Superior efficacy at 150 lm/W
- 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

*Micro prism lens  
for a wide, even  
light spread*



*Product may be dimmed for shallow  
applications that do not require high  
levels of brightness*



*Outdoor silicone coating for safe,  
reliable use in outdoor applications*

**SloanLED BrightLINE Outdoor** 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 replacing graphics.

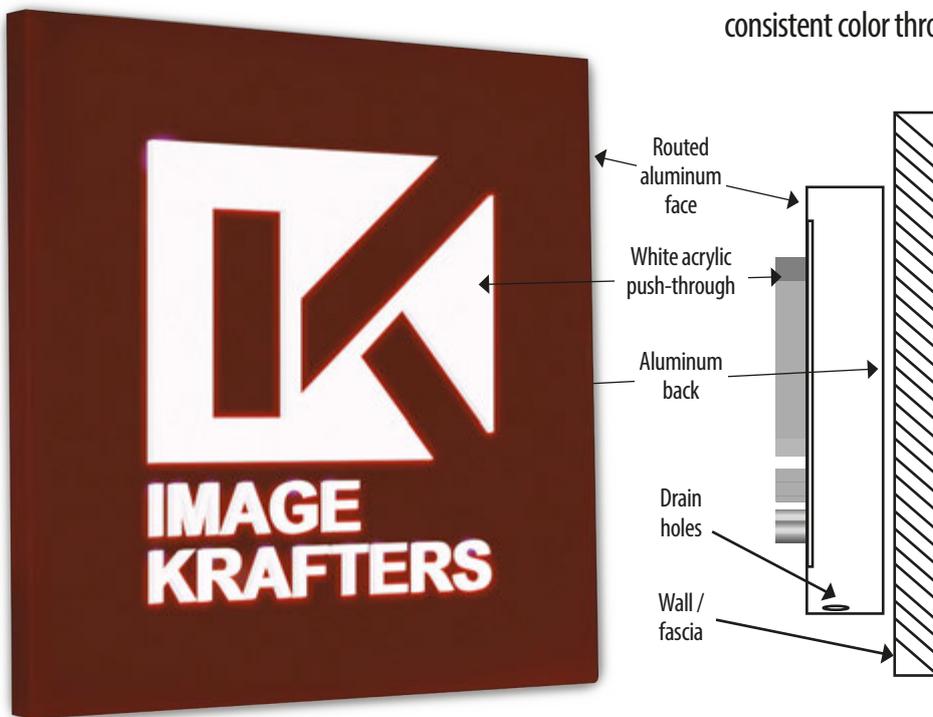
# Quality that shines through.

Push-through signs are a popular means of corporate branding, and as the name implies, the letters seemingly appear to be pushed through the surface of the sign material. The surface layer has a cut-out through which acrylic letters push out, giving it a signature look. Lighting a push-through sign requires a lot of light energy to shine through the thick acrylic, and adding vinyl on top of the acrylic to create colored push-through letters requires even higher lumens.

Low-cost modules, commonly used in this type of application, are 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 Outdoor exceeds expectations, utilizing the highest caliber components to maintain brightness and consistent color throughout the life of the product while also

saving time, requiring far fewer strips than the large numbers of modules needed to light any mid to large, shallow cabinet, making it the more reliable and cost-effective solution.



## 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.

# SloanLED BrightLINE Outdoor



## Specifications

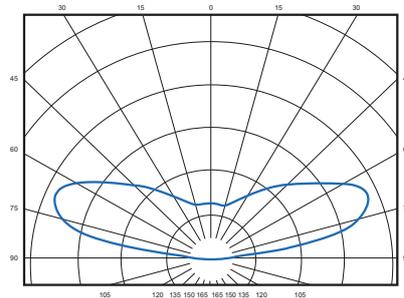
<b>Part number</b> .....	Long .....	701989-6W24LC1
	Short .....	701989-6W24SC1
<b>Dimensions L x W x H</b> .....	Long .....	479 mm x 18 mm x 8 mm (18.875 in x 0.7 in x 0.3 in)
	Short .....	160 mm x 18 mm x 8 mm (6.3 in x 0.7 in x 0.3 in)
<b>LEDs per strip</b> .....	Long .....	6
	Short .....	2
<b>Strips per meter / foot</b> .....	6.7 / 2.0 (fully spaced)	

Depth	Spacing
30 mm (1.2")	75 mm (3.0")
40 mm (1.6")	100 mm (4.0")
50 mm (2.0")	120 mm (5.0")
60 mm (2.4")+	150 mm (6.0")

<b>Operating temperature</b> .....	-40° C to +60° C	
<b>Protection class</b> .....	IP66*	
<b>Life rating</b> .....	>54,000 hours	
<b>Optional dimming</b> .....	PWM (Pulse width modulation, SloanLED Universal LED Wireless Dimmer 601115)	
<b>Efficacy</b> .....	150 lm/W	
<b>Fastening</b> .....	Peel-n-stick and mechanical	
<b>Packaging</b> .....	27-unit daisy-chain per bag, 10 bags per carton	
<b>Color temperature</b> .....	6500 K	
<b>Lumens per strip</b> .....	Long .....	500
	Short .....	167

\* SloanLED BrightLINE Outdoor is designed for outdoor sign and display applications, and should be mounted inside a sign or enclosure that protects from submersion, direct exposure to the elements and prolonged flowing or dripping water.

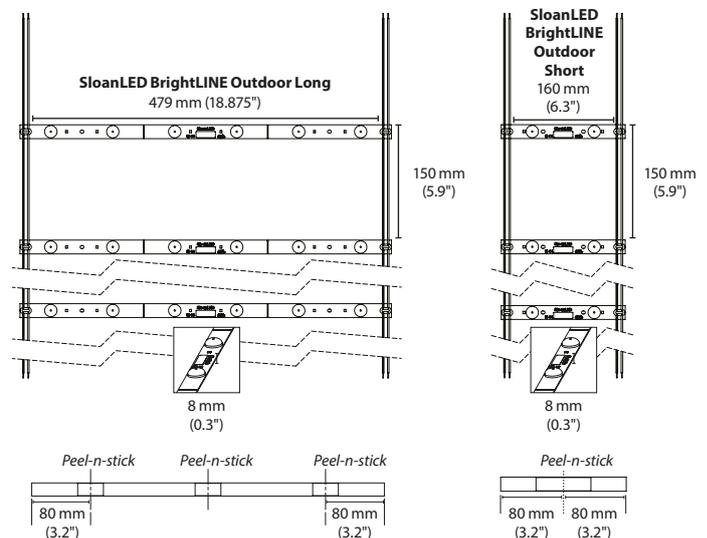
## Luminous Intensity Distribution



## Power Supply Capacity

24 VDC power supply	Maximum meters (feet) / LED strips	
	SloanLED BrightLINE Outdoor Short 1.1 W/strip, 7.4 W/m (2.2 W/ft)	SloanLED BrightLINE Outdoor Long 3.3 W/strip, 22 W/m (6.7 W/ft)
30 W Power Supply (EU/ROW ONLY)	3.6 m (11.8 ft) / 24 strips	1.2 m (3.9 ft) / 8 strips
60 W Power Supply	7.4 m (24.1 ft) / 49 strips	2.4 m (7.9 ft) / 16 strips
96 W Power Supply	12.2 m (39.9 ft) / 81 strips	4.1 m (13.3 ft) / 27 strips
3 x 96 W Power Supply	3 x 12.2 m (39.9 ft) / 81 strips	3 x 4.1 m (13.3 ft) / 27 strips
100 W Power Supply	12.2 m (39.9 ft) / 81 strips	4.1 m (13.3 ft) / 27 strips
150 W Power Supply (EU/ROW ONLY)	18.3 m (60.0 ft) / 122 strips	6.2 m (20.2 ft) / 41 strips

## Dimensions



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Specifications subject to change without notice.

CELEBRATING



OF LIGHTING EXCELLENCE

