

# We Brighten Your Brands



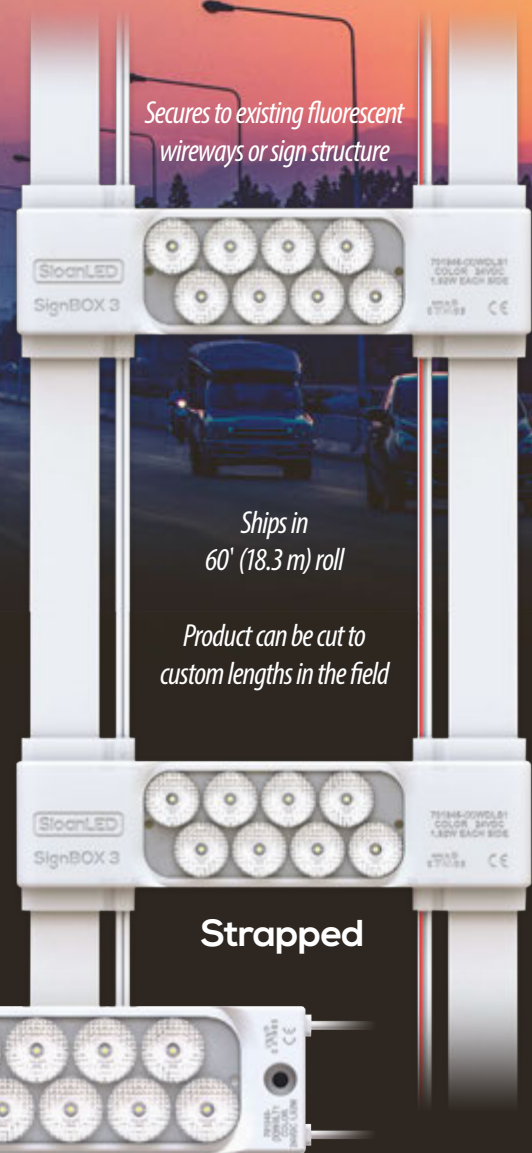
## SignBOX 3

LED illumination for single  
or double-sided sign boxes

# Out of the box brilliance.

SignBOX 3, for single or double-sided sign boxes, features lens technology engineered to deliver bright, uniform illumination and wider spacing in new or retrofit sign cabinets. Available in Strapped (single and double-sided) and Module (single-sided) options, SignBOX 3 creates the perfect grid of light for optimum, even illumination, and fast, easy installation with fewer power supplies, making it the bright choice for your sign lighting needs.

- Illuminates 5" (125 mm) from face
- SignBOX 3 Strapped secures to existing fluorescent wireways or sign structure and features flexible straps for easy transportation and installation, saving time and money
- SignBOX 3 Module features peel-and-stick adhesive back for fast, easy installation
- 24 VDC loading allows 48 single-sided modules or 24 double-sided modules per power supply for maximum efficiency and fewer power supplies



*Secures to existing fluorescent wireways or sign structure*

*Ships in 60' (18.3 m) roll*

*Product can be cut to custom lengths in the field*

**Strapped**

**Module**

*Micro prism lens technology for bright, uniform illumination and wider spacing*

For more information on our Sign Cabinet/Box collection of products, visit [SloanLED.com](http://SloanLED.com).

# The bright choice.

SignBOX 3 provides the flexibility, to accommodate a variety of scenarios with single or double-sided options, and the ability to cut the product to custom lengths in the field, allowing you to avoid costly site surveys and illuminate only what is needed. SignBOX 3 is recommended for installation 12" (300 mm) on center for depths of 5 - 6" (125 - 150 mm) from face, as this yields the same brightness as a fluorescent lit cabinet; however, in deeper cabinets at 8 - 9" (200 - 230 mm) from face, the spacing may be spread further to 14 - 16" (350 - 400 mm) on center, saving product, time, and money.



## Brilliant benefits:

- ✓ *Micro prism lens technology for bright, uniform illumination, wider spacing, IP66 and IP68 rated\**
- ✓ *24 VDC loading allows 48 single-sided modules or 24 double-sided modules per power supply for maximum efficiency and fewer power supplies*
- ✓ *High efficacy at 156 lm/W*
- ✓ *MacAdam Ellipse binning process for chip color consistency so your brand is represented accurately every time*
- ✓ *Fast, easy installation*

## 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.



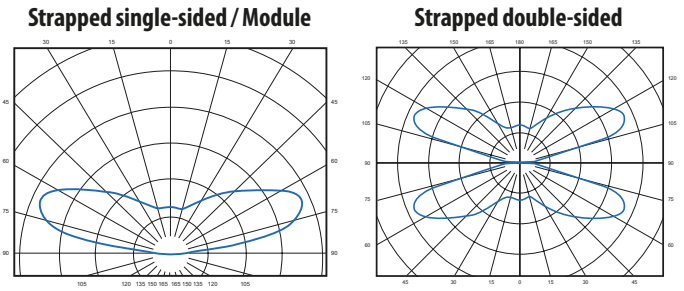
# SignBOX 3



## Specifications

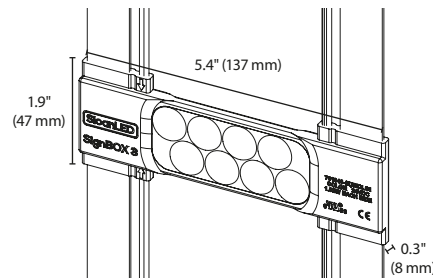
<b>Part number</b> .....	Strapped single-sided .....	6500 K.....	701946-6WLS1
		5000 K .....	701946-5WLS1
	Strapped double-sided .....	6500 K.....	701946-6WDL1
		5000 K .....	701946-5WDL1
	Module .....	6500 K.....	701946-6WSLT1
		5000 K .....	701946-5WSLT1
<b>LEDs per side</b> .....	8		
<b>Modules per foot (meter)</b> .....	1 (3.3)		
<b>Coverage per row</b> .....	12 in (305 mm)		
<b>Optimal light throw</b> .....	5 - 12 in (125 - 300 mm) from face		
<b>Operating temperature</b> .....	-40° C to +70° C		
<b>Protection class</b> .....	IP66 & IP68*		
<b>Binning</b> .....	MacAdam Ellipse		
<b>Life rating</b> .....	>60,000 hours		
<b>Power per module</b> .....	Strapped single-sided/Module .....	1.92 W	
	Strapped double-sided .....	3.84 W	
<b>Efficacy</b> .....	156 lm/W		
<b>Power capacity</b> .....	<b>Per SloanLED 100 W 24 VDC power supply</b>		
	Strapped single-sided/Module .....	48 modules	
	Strapped double-sided .....	24 modules	
<b>Fastening</b> .....	Strapped single.....	Clips with mechanical fasteners and double-sided	
	Module .....	Peel-n-stick	
<b>Packaging</b> .....	Strapped single-sided .....	60 modules per carton,	
	and double-sided	40 clips included	
	Module .....	3 trays, 48 modules per tray	
<b>Color temperatures</b> .....	6500 K, 5000 K		
<b>Lumens per module</b> .....	Strapped single-sided/Module .....	300	
	Strapped double-sided .....	600	
<b>Mounting hardware</b> .....	Bracket .....	Bag of 10...	402107-10
	Clip.....	Bag of 20...	402106-20
	Coupler .....	Bag of 10...	402108-10

## Luminous Intensity Distribution

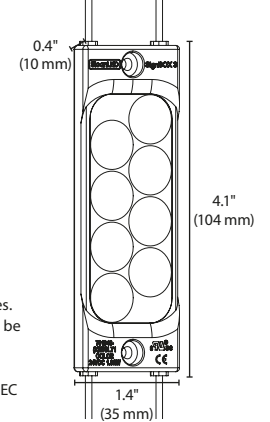


## Dimensions

**SignBOX 3 Strapped Single-sided/Double-sided**  
60 modules per 60 ft (18.3 m) chain

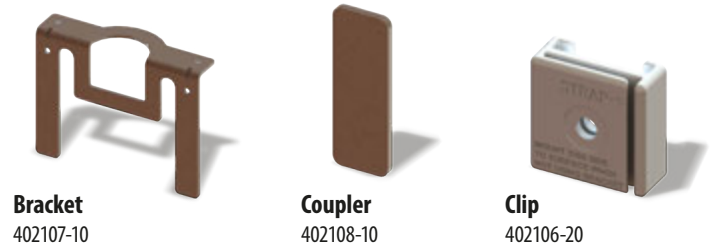


**SignBOX 3 Module**



\* Prism IP68 test parameters are 1.3 m submersion for 30 minutes. Do not mount in submerged application or where module will be directly exposed to prolonged flowing or dripping water.  
† Each 24 V circuit must be limited to 4.2 A (100 W) or less. For North American installations, a power supply that meets NEC Class 2 specifications is required.  
‡ Wet location power supply: Refer to install guide for configurations.  
SignBOX® 3 is covered by US and foreign patents pending.

## Accessories



## Power Supply Capacity†

24 VDC power supply	Maximum SignBOX 3 single-sided modules, or one leg of double-sided	Maximum SignBOX 3 double-sided modules, both legs
60 W Power Supply	28	14
100 W Power Supply	48	24
300 W Power Supply	3 × 48	3 × 24
Power used per foot/meter in Watts	1.92 W / 6.3 W	3.84 W / 12.6 W

**SloanLED Headquarters**  
5725 Olivas Park Drive, Ventura, CA, USA  
805.676.3200 • info@SloanLED.com

**SloanLED Europe b.v.**  
Argonstraat 110, 2718 SN Zoetermeer, NL  
+31 88 12 44 900 • europe@SloanLED.com



SloanLED.com

© 2022 SloanLED Rev B 2022-05-03



Specifications subject to change without notice.

