

24
VDC

10
YEAR
Product & Labor
WARRANTY

We Brighten Your Brands



SignBOX 3

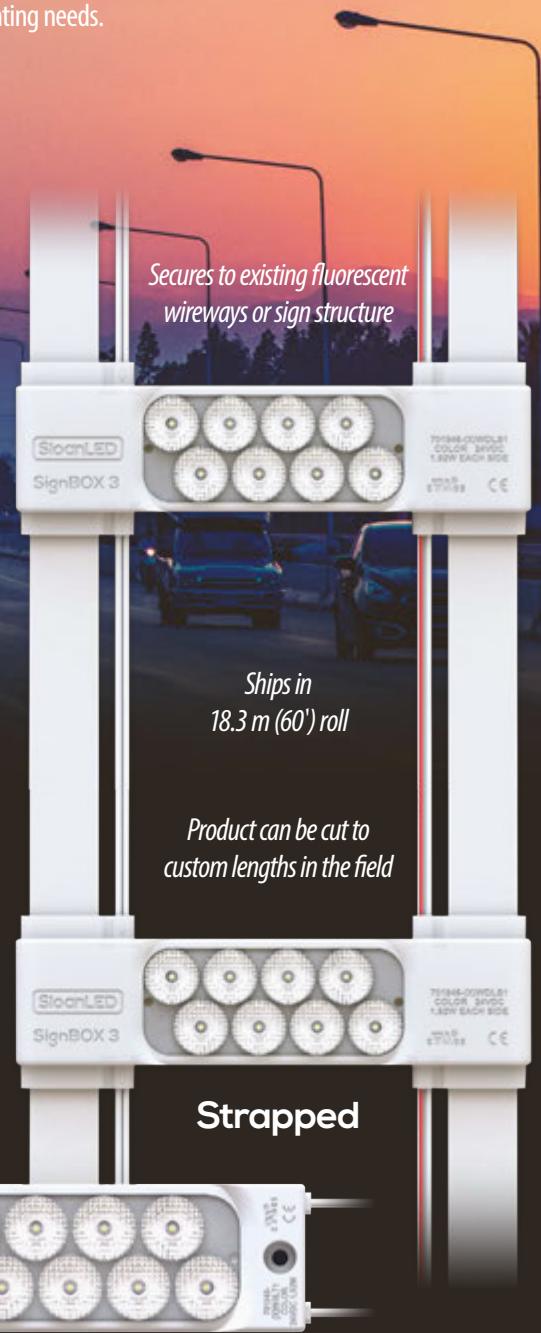
LED illumination for single
or double-sided sign boxes

 **SloanLED**[®]
Leaders in LED Technology

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 125 mm (5") 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 18.3 m (60') roll

Product can be cut to custom lengths in the field

Strapped

Module

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

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 300 mm (12") on center for depths of 125 - 150 mm (5 - 6") from face, as this yields the same brightness as a fluorescent lit cabinet; however, in deeper cabinets at 200 - 230 mm (8 - 9") from face, the spacing may be spread further to 350 - 400 mm (14 - 16") 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

Part number	Strapped single-sided	6500 K	701946-6WLSL1
		5000 K	701946-5WLSL1
	Strapped double-sided	6500 K	701946-6WDLS1
		5000 K	701946-5WDLS1
Module	6500 K	701946-6WSLT1	
	5000 K	701946-5WSLT1	

LEDs per side 8

Modules per m (ft) 3.3 (1)

Coverage per row 305 mm (12 in)

Optimal light throw 125 - 300 mm (5 - 12 in) from face

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

Protection class IP66 & IP68*

Binning MacAdam Ellipse

Life rating >60,000 hours

Power per module Strapped single-sided/Module 1.92 W
Strapped double-sided 3.84 W

Efficacy 156 lm/W

Power capacity **Per SloanLED 100 W 24 VDC power supply**
Strapped single-sided/Module 48 modules
Strapped double-sided 24 modules

Fastening Strapped single Clips with mechanical fasteners and double-sided
Module Peel-n-stick

Packaging Strapped single-sided 60 modules per carton, and double-sided 40 clips included
Module 3 trays, 48 modules per tray

Color temperatures 6500 K, 5000 K

Lumens per module Strapped single-sided/Module 300
Strapped double-sided 600

Mounting hardware Bracket Bag of 10 402107-10
Clip Bag of 20 402106-20
Coupler Bag of 10 402108-10

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
30 W Power Supply (EU/ROW ONLY)	14	7
60 W Power Supply	28	14
100 W Power Supply	48	24
150 W Power Supply (EU/ROW ONLY)	72	36
300 W Power Supply	3 × 48	3 × 24
Power used per meter/ foot in Watts	6.3 W / 1.92 W	12.6 W / 3.84 W

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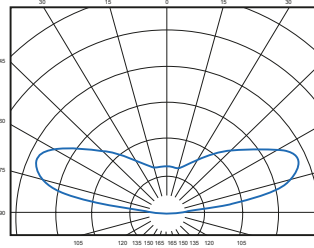
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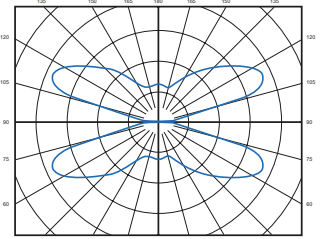
Specifications subject to change without notice.

Luminous Intensity Distribution

Strapped single-sided / Module

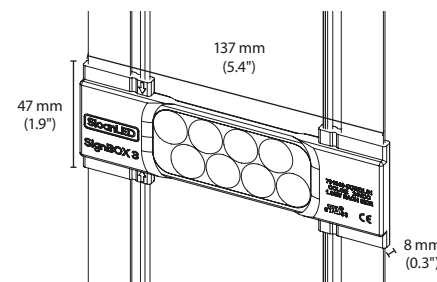


Strapped double-sided

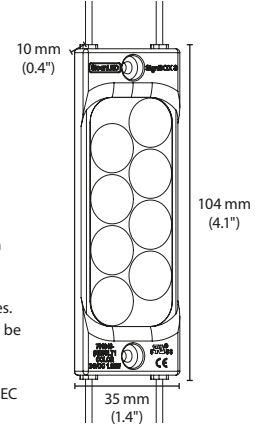


Dimensions

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

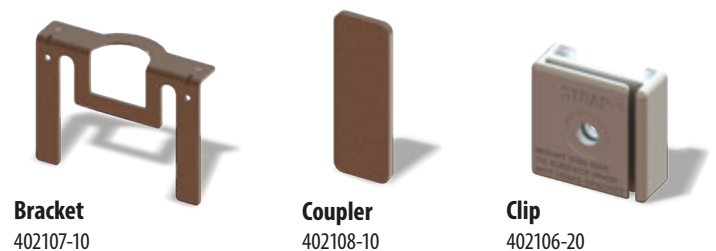
† Each 24 V circuit must be limited to 4.2 A (100 W) or less.

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



Bracket
402107-10

Coupler
402108-10

Clip
402106-20
Each carton of SignBOX 3 comes with 40 clips

