SignBOX 3

LED illumination for single or double-sided sign boxes

We Brighten Your Brands.

SloanLED®
Leaders in LED Technology

Out of the box brilliance.

SloanLED SignBOX products are synonymous with the perfect grid of light for optimum, even illumination, and our latest offering, SignBOX 3, is the most brilliant yet. Micro prism lens technology delivers bright, uniform illumination and allows wider spacing in new or retrofit sign cabinets. Available in single or double-sided options, modules are mounted on a carrier panel, eliminating the need for a mounting substrate, saving both time and money during the installation process.

Secures to existing fluorescent wireways or sign structure

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

701946-(X)WDLS1
COLOR 24VDC
1.92W EACH SIDE

Ships in 60' (18.3 m) roll

Product can be cut to custom lengths in the field

- Illuminates 5" (125 mm) from face
- Available in single and double-sided options
- 24 VDC loading allows 48 single-sided modules or 24 double-sided modules per power supply for maximum efficiency and fewer power supplies
- Mounted on flexible straps for easy transportation and installation, saving time and money

Thinking inside the box.

SloanLED offers brilliant sign lighting solutions for single and double-sided, narrow to large, new and retrofit, box and cloud signs. Our products are designed and engineered with sign makers in mind, to provide bright, even illumination, incredible ROI, and fast, easy installation. We spend our time inside the box, to provide lighting solutions that go beyond the box to brighten your bottom line.

Product	Description
SloanLED PrismBEAM	Bright, uniform illumination at 8" (150 mm) optimum, up to 16" (400 mm) maximum from face, for single and double-sided fluorescent cabinets
SignBOX 3	Ideal for single or double-sided new cabinets or retrofits as close as 5" (125 mm) from sign face
PosterBOX	Side illuminated lighting for shallow to standard cabinets 4" (100 mm) to 8" (200 mm) in depth
PosterBOX Slim 2	Side illuminated lighting for slim or shallow cabinets as narrow as 2" (50 mm) in depth (single and double-sided)
PosterBOX 3	Bright, even illumination in large cabinets with depths as shallow as 3" (75 mm) for single-sided applications, and 4" (100 mm) for double-sided applications

For more information on our Sign Cabinet/Box collection of products, visit **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[1]

✓ 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 .... Single-sided............. 6500 K 701946-6WSLS1
5000 K 701946-5WSLS1
Double-sided .... 6500 K 701946-6WDLS1
5000 K 701946-5WDLS1

Dimensions L × W × H .... 5.4 in × 1.9 in × 0.3 in
(137 mm × 47 mm × 8 mm)
60 modules per 60 ft (18.3 m) chain

LEDs per side 8

Modules per foot (meter) 1 (3.3)

Coverage per row .... 12 in (305 mm)

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

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

Protection class .... IP66 & IP68[1]

Binning .... MacAdam Ellipse

Life rating .... >60,000 hours

Power per module .... Single-sided............. 1.92 W
Double-sided .... 3.84 W

Efficacy .... 156 lm/W

Power capacity .... **Per SloanLED 100 W 24 VDC power supply**
Single-sided............. 48 modules
Double-sided .... 24 modules

Fastening .... Clips with mechanical fasteners

Packaging .... 60 modules per carton, 40 clips included

Color temperatures .... 6500 K, 5000 K

Lumens per module .... Single-sided............ 300
Double-sided 600

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

SignBOX™ 3 is covered by US and foreign patents pending.

Luminous Intensity Distribution

Single-sided

Double-sided

1 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.

Power Supply Capacity[2]

Item description (Part number)	Power output	Maximum SignBOX 3 Single-sided modules	Maximum SignBOX 3 Double-sided modules, both legs
24 VDC Power Supply [701895-24C][3]	100 W	48	24
24 VDC Power Supply [701936]			
Power used per foot/meter in Watts		1.92 W / 6.3 W	3.84 W / 12.6 W

2 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.
3 Wet location power supply: Refer to install guide for configurations.

Accessories

Bracket
402107-10

Coupler
402108-10

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

Layout Estimator
POWERED BY LED WIZARD

Use the online SloanLED Layout Estimator to get a quick SignBOX 3 design and material estimate for your sign.
Visit product page for details.

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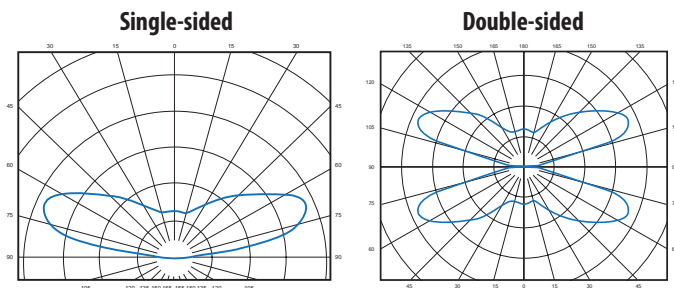**SloanLED Europe b.v.**
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