

We Brighten Your Brands

Product
Guide

Sign Cabinet/Box



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.

**24
VDC**

SloanLED PrismBEAM 24V

SloanLED extends the unparalleled, uniform illumination of our micro prism lens products to box sign lighting with SloanLED PrismBEAM 24V: a cost-effective, lens based LED lighting solution designed to replace existing T12 fluorescent lamps.

- Available in all standard lamp sizes
- Easy installation using existing sockets, requiring no connectors or adapters
- Available in single and double-sided options
- Uniform illumination at 127-203 mm (5-8") optimum, up to 406 mm (16") maximum from face





SloanLED ²⁴VDC BrightLINE

SloanLED BrightLINE delivers bright, uniform illumination and fast, easy installation in shallow, single-sided, fabric-face light boxes – creating vibrant, eye-catching retail displays, and bringing backlit graphics to life.

- Ideal for single-sided, fabric-face light boxes
40 - 120 mm (1.6 - 4.7") deep
- Features prism lens technology for bright, even illumination
- Can be cut in width and length for zero waste
- Fast, easy installation with no soldering or plugging individual boards together

SignBOX 3 ²⁴VDC

SignBOX 3, for single or double-sided sign boxes, features micro prism lens technology engineered to deliver bright, uniform illumination and wider spacing in new or retrofit sign cabinets.

- 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



Out of the box brilliance.

Sign cabinet/box LED lighting from SloanLED is designed for single and double sided and narrow to large box and cloud signs. It's easy to install and is a great solution for new and retrofit applications.



PosterBOX 3 24 VDC

One of the brightest modules on the market, PosterBOX 3 delivers beautiful, smooth illumination in light boxes up to 3 m (10 ft) in height, and with an output of 1700 lumens (Long) and built-in LED module spacers, striping and spotting are a thing of the past.

- Bright, even illumination in large cabinets with depths as shallow as 75 mm (3") for single-sided applications, 100 mm (4") for double-sided applications, and up to 3 m (10 ft) in height
- Built-in module spacer eliminates measuring, yielding perfect results every time
- Slim, edge mounted modules make installs fast and easy
- Constant Current Technology





SignBOX 3 Slim 24 VDC

SignBOX 3 Slim packs the power and performance of SignBOX 3 into a slim and highly efficient package designed for large, shallow, double-sided light boxes.

- Optimal for large, shallow, double-sided sign cabinets 75-125 mm (3-5") from face
- Superior efficacy at 152 lm/W
- 24 VDC loading allows 72 modules per power supply for maximum efficiency and fewer power supplies
- Fast, easy installation

PosterBOX & PosterBOX Slim 2 12 VDC

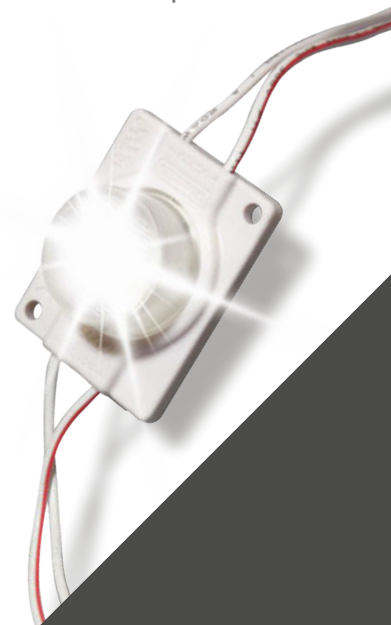
PosterBOX™ and PosterBOX™ Slim 2 side mounted modules, designed for shallow single and double-sided sign boxes, provide bright, even illumination without the stripes associated with fluorescent tubes.

- PosterBOX offers side illuminated lighting for shallow to standard sign cabinets 100 mm (4") to 200 mm (8") in depth
- PosterBOX Slim 2 is optimal for single and double-sided sign cabinets as shallow as 50 mm (2"), such as: Indoor textile prints and movie posters
- Constant Current Technology

PosterBOX Mini 12 VDC

PosterBOX Mini is a cost-effective, edge-lit cabinet lighting solution for lightbox applications as shallow as 50 mm (2") deep, and gives installers unprecedented freedom and flexibility with adjustable spacing and an innovative design that accommodates shallow light boxes of any shape making it the bright choice for a variety of applications.

- Cost effective, edge-lit cabinet lighting solution for applications as shallow as 50 mm (2") deep
- Innovative design and adjustable spacing make installation easy for a variety of light boxes of different depths and shapes
- FanFlare™ technology projects light in a fan pattern to evenly illuminate sign face
- Versatile mounting options



Specifications

For more information on our Sign Cabinet/Box collection of products, visit SloanLED.com.



12
VDC

PosterBOX

Side illumination for shallow or narrow cabinets

Light coverage*

1.2 m (4 ft)

Module spacing

Cabinet depth..... Center-to-center
≤10 cm (4") 30 cm (12")
>10 cm (4") to ≤20 cm (8")..... 45 cm (18")

Protection class

IP66

Color temperatures

6500 K, 5000 K

Efficacy

82 lm/W

Lumens per module

550



12
VDC

PosterBOX Slim 2

Side illumination for shallow light boxes

Viewing angle

15° × 43°

Light coverage*

0.6 m (2 ft)

Minimum box depth

50 mm (2"), single or double-sided

Protection class

IP66

Color temperatures

6500 K, 5000 K

Efficacy

110 lm/W

Lumens per module

185



24
VDC

PosterBOX 3

Large, shallow fabric-faced light box illumination

Viewing angle

12.2° × 44.8°

Minimum cabinet depth

Single-sided 75 mm (3")
Double-sided..... 100 mm (4")

Protection class

IP66

Color temperature

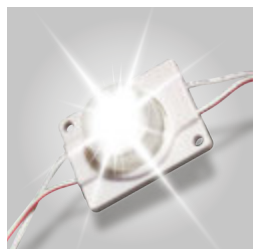
6500 K

Efficacy

Short..... 118 lm/W
Long 121 lm/W

Lumens per assembly

Short..... 850
Long 1700



12
VDC

PosterBOX Mini

Side illumination for shallow or narrow light boxes

Viewing angle

15° × 40°

Module spacing

188 mm (7.4") center-to-center

Protection class

IP66

Color temperature

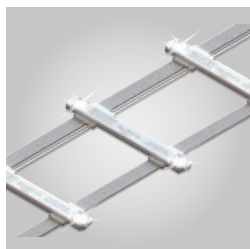
6500 K

Efficacy

87 lm/W

Lumens per module

104



24
VDC

SignBOX 3 Slim

LED illumination for shallow, double-sided sign boxes

Modules per meter (foot)

6.6 (2)

Coverage per row

305 mm (12")

Protection class

IP66

Color temperatures

6500 K

Efficacy

152 lm/W

Lumens per module

182

* Testing highly recommended as all substrates and graphics vary.

† 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.



24
VDC

SloanLED BrightLINE

LED illumination for shallow, single-sided sign boxes

Strips per meter / foot

2.0 / 6.7 (fully spaced)

Coverage per row

40 mm (1.6") depth 100 mm (4") spacing

50 mm (2") depth 120 mm (5") spacing

60 mm (2.4")+ depth 150 mm (6") spacing

Color temperature

6500 K

Efficacy

104 lm/W

Lumens per module

500



24
VDC

SignBOX 3

LED illumination for single or double-sided sign boxes

Modules per meter (foot)

3.3 (1)

Coverage per row

305 mm (12")

Optimal light throw

125-300 mm (5-12") from face

Protection class

IP66 & IP68†

Color temperatures

6500 K, 5000 K

Efficacy

156 lm/W

Lumens per module

Strapped single-sided/Module ... 300

Strapped double-sided 600



24
VDC

SloanLED PrismBEAM 24V

LED solution for retrofitting sign cabinets

Efficacy

115 lm/W

Optimum cabinet depth

Single-sided 127-203 mm (5-8")

Double-sided 254-406 mm (10-16")

Protection class

IP66 & IP68†

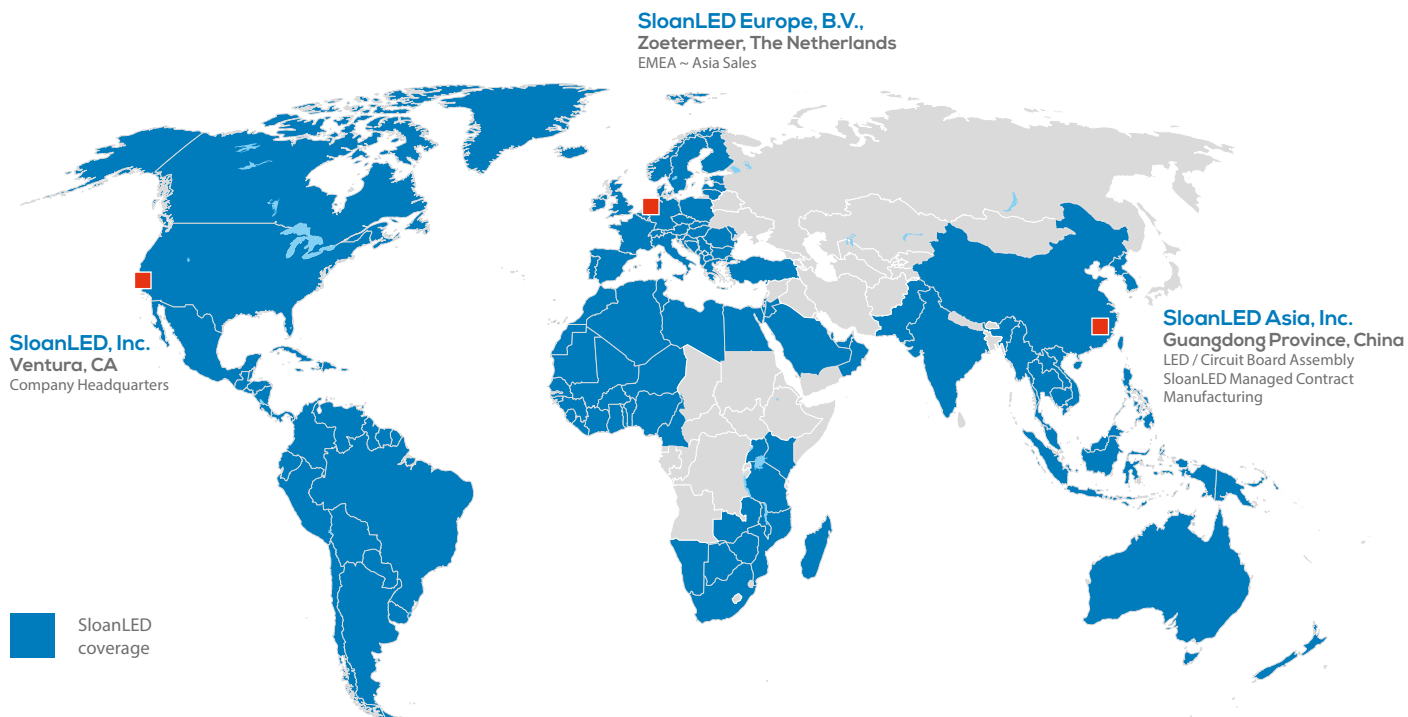
Color temperatures

6500 K, 5000 K

Size	Lumens per assembly	
	Single-sided	Double-sided
0.46 m (18")	360	720
0.61 m (24")	540	1080
0.76 m (30")	540	1080
0.91 m (36")	720	1440
1.07 m (42")	900	1800
1.22 m (48")	1080	2160
1.52 m (60")	1260	2520
1.63 m (64")	1440	2880
1.83 m (72")	1620	3240
2.13 m (84")	1800	3600
2.44 m (96")	2160	4320
2.74 m (108")	2340	4680
2.97 m (117")	2520	5040
3.05 m (120")	2520	5040

No matter where you are. We've got you covered.

From Alaska to Australia, with 150+ employees, and the best global coverage in the industry, we've got you covered.



SloanLED Headquarters
805.676.3200 • info@SloanLED.com

SloanLED Europe b.v.
+31 88 12 44 900 • Europe@SloanLED.com



SloanLED.com

Specifications subject to change without notice.
© 2020 SloanLED Rev G 2020-05-07

PosterBOX™ and PosterBOX™ Slim 2 are licensed under:
Patents CN200680037992.9, DE202006020673.6,
NL1030161, US6932495, and US7841733; and patent
applications EP06812715.8 and NL2000273. Green
Signage, PosterBOX™, and PosterBOX™ Slim 2 are
trademarks of Lux et Libertas BV. SloanLED, the S logo,
and Leaders in LED Technology are trademarks of Sloan
Company, Inc. SignBOX RapidStick is covered by US and
foreign patents pending

