

# Simple Solutions

for illuminating sign cabinets

2014 | US – CA  
Web



## Cabinet Solutions



## SloanLED

# LED Box lighting solutions are a great alternative to fluorescent



### Over 50 Years of Lighting Brilliance

SloanLED was founded in 1957 to deliver reliable lighting solutions to the aerospace and automotive industries. Since pioneering LED technology in the early '70s, SloanLED has led the industry in delivering best-in-class LED lighting systems. We are trusted experts in signage, with lights specified in programs around the world.

- World-class lighting systems design experience
- Proven reliability spanning decades
- Industry-leading support and service

### Unmatched Ease of Installation

Our reputation is built on simple, easy installation to minimize labor, accessories, and cost.

- Simple, secure mounting reduces install cost
- Less coordination and preparation work required
- Minimal wire cutting and splicing

## Improved Appearance and Function

- Bright, even illumination even in shallow applications (no striping)
- Maintains full brightness even in extreme cold
- Reduces cold-weather startup problems often experienced in fluorescent applications
- Great solution for non-standard sign shapes and cloud signs (not constrained by standard linear lamp lengths)

## Greatly Reduced Maintenance

- Longer life: no need for regular lamp replacement cycles
- Substantial cost reduction in remote or hard-to-reach applications (e.g., tall pylons, high-rise buildings)
- Safer to install and maintain: all LED connections are low-voltage

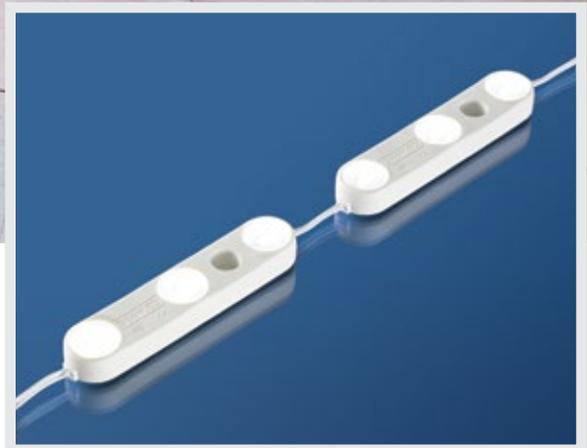
## Significant Cost Savings

- Lower energy costs
- Simpler wiring = faster installation time = reduced cost
- Performs well in shallower cabinets (reduced cabinet materials costs)
- Generous warranty (5 years for LEDs vs. none or extremely limited warranty)



## Cabinet lighting solutions

White product	Description
PosterBOX™ Slim	Perimeter lighting for slim or shallow cabinets (2 inch depth single-sided or 4 inch depth double-sided)
PosterBOX™	Perimeter lighting for shallow to standard cabinets (4 to 8 inches in depth single - or double-sided)
SignBOX™ II	Backlit solutions for standard and deep cabinets (5+ inch in depth single-sided and 10 inch depth double-sided)
V180 Large	Single-sided cabinets (acrylic or flexface)



## PosterBOX Slim

### Shallow or narrow cabinets

- FanFlare™ lens technology projects light in a fan pattern to evenly illuminate the sign face
- Excellent white light intensity and uniformity
- Optimal for box signs as shallow as:
  - 2 inches for single-sided
  - 4 inches for double-sided
- UL and cUL Recognized, CE, CSA Certified
- RoHS and WEEE compliant

Item description	Part number	Lumens per module (nominal)
PosterBOX Slim (6500 K)	701946-6WXLP1	120
PosterBOX Slim (5000 K)	701946-5WXLP1	120

### Specifications

<b>Dimensions L x W x H</b>	4.87 in x 1.00 in x 0.61 in
<b>Viewing angle</b>	15° x 43°
<b>LEDs per module</b>	3
<b>Modules per foot</b>	2
<b>Light throw</b>	1.5 ft maximum to center of box
<b>Operating temperature</b>	-40° C to +70° C
<b>Special features</b>	FanFlare™ lens technology, Wire stretch feature for electrical connections
<b>Power per module</b>	1.38 W
<b>Efficacy</b>	87 lm/W
<b>Power supply</b>	SloanLED 12 VDC
<b>Fastening</b>	Peel-n-stick and mechanical
<b>Packaging</b>	38 modules per tray 3 trays per carton

# PosterBOX

Shallow or narrow cabinets



- Easily illuminates double-sided cabinets with 4-6 inch can depths
- Side mounted module
- FanFlare™ lens technology projects light in a fan pattern to evenly illuminate the sign face
- UL and cUL Recognized, CE, CSA Certified
- RoHS and WEEE compliant

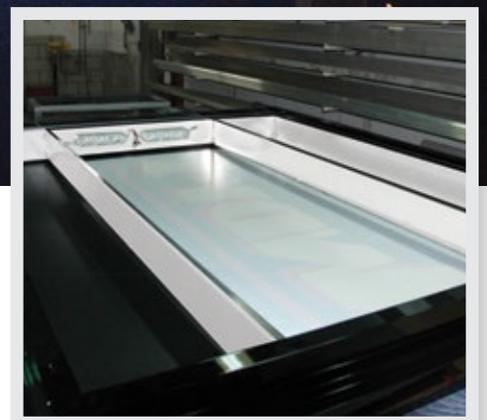
## Specifications (full module):

<b>Dimensions L x W x H</b>	8.67 in x 1.74 in x 0.92 in
<b>LEDs per module</b>	3
<b>Light throw</b>	4 ft
<b>Operating temperature</b>	-40° C to +70° C
<b>Special feature</b>	FanFlare™ lens technology
<b>Power per module</b>	6.7 W
<b>Efficacy</b>	82 lm/W
<b>Power supply</b>	SloanLED 12 VDC
<b>Fastening</b>	Peel-n-stick and mechanical
<b>Packaging</b>	10 modules and FlareShields™ per carton
<b>Accessories</b>	FlareShield (401059) for shallower applications to eliminate hot spots



FlareShield on module

Item description	Part number	Lumens per module (nominal)
PosterBOX (6500 K)	701946-CWPBM	550
PosterBOX (5000 K)	701946-NWPBM	550



# V180 Large

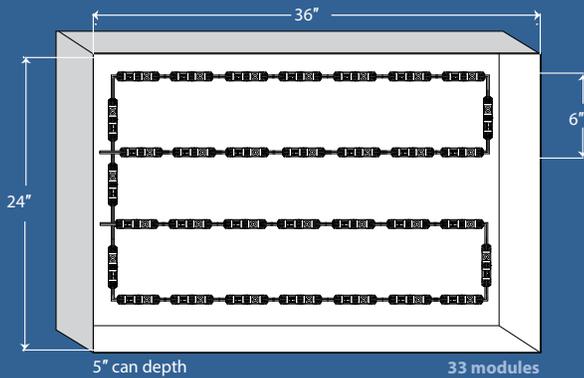
Revolutionary 180° LED module  
low-profile lighting system



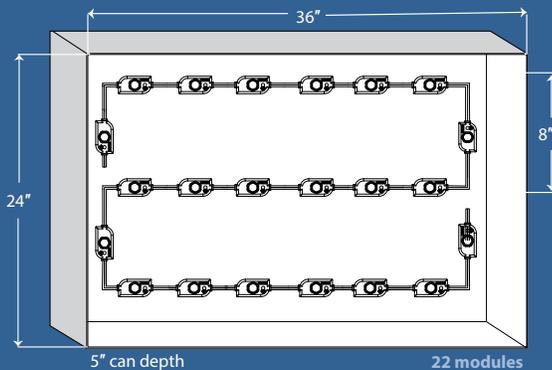
- Even illumination with less modules
- Versatile low-profile modules
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant



## Simple Solutions to achieve more with less



V180 achieves even illumination with 33% less modules



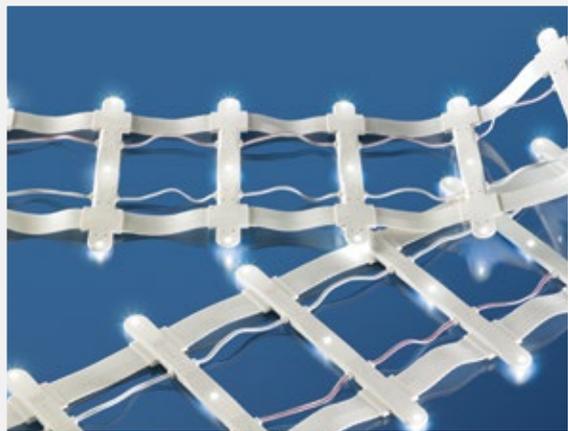
### Specifications

<b>Dimensions L x W x H</b>	Large	1.76 in x 0.95 in x 0.38 in
<b>Viewing angle</b>	180°	
<b>LEDs per module</b>	3	
<b>Modules per foot</b>	<b>Natural</b>	<b>Stretched</b>
	2	1.2
<b>Maximum coverage per row</b>	<b>Can depth</b>	<b>Row coverage</b>
	Large 5 in	10 in
<b>Operating temperature</b>	-40° C to +70° C	
<b>Special feature</b>	Wire stretch feature available on Large and Standard	
<b>Power per module</b>	1.20 W	
<b>Efficacy</b>	108 lm/W	
<b>Power supply</b>	SloanLED 12 VDC	
<b>Fastening</b>	Peel-n-stick and mechanical	
<b>Packaging</b>	5 trays per carton	
	42 modules per tray	

Item description	Part number	Lumens per module (nominal)
Large (6500 K)	701269-6WLG1-MB	130
Large (5000 K)	701269-5WLG1-MB	130

# SignBOX II

Single- or double-sided boxes



- Bright, even illumination for single- or double-sided
- Illuminates 5 inches from face
- Mounted on flexible straps for easy installation
- UL and cUL Recognized, CE, CSA Certified
- RoHS and WEEE compliant

## Specifications

<b>Dimensions L x W x H</b>	8.5 in x 1.0 in x 0.3 in
	60 modules per 20 ft chain
<b>Viewing angle</b>	120°
<b>LEDs per module</b>	Single-sided 3
	Double-sided 6
<b>Modules per foot</b>	3
<b>Operating temperature</b>	-40° C to +70° C
<b>Special feature</b>	Cutttable in 4 inch increments
<b>Power per module</b>	Single-sided 0.90 W
	Double-sided 1.80 W
<b>Efficacy</b>	100 lm/W
<b>Power supply</b>	SloanLED 12 VDC
<b>Fastening</b>	Clamps with mechanical fasteners
<b>Packaging</b>	60 modules per carton, 16 clamps included
<b>Accessories</b>	Bracket (401309-10), Clamp (410155-16), Coupler (401330-10)

Item description	Part number	Lumens per module (nominal)
Single-sided (6500 K)	701946-6WS201	90
Single-sided (5000 K)	701946-5WS201	90
Double-sided (6500 K)	701946-6WD201	180
Double-sided (5000 K)	701946-5WD201	180



## Product Warranty

SloanLED box lighting products carry a limited five year product warranty when used with SloanLED power supplies. Please see SloanLED warranty details on our website.

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