

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)	701946-6WXL1	120
PosterBOX Slim (5000 K)	701946-5WXL1	120

Specifications

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

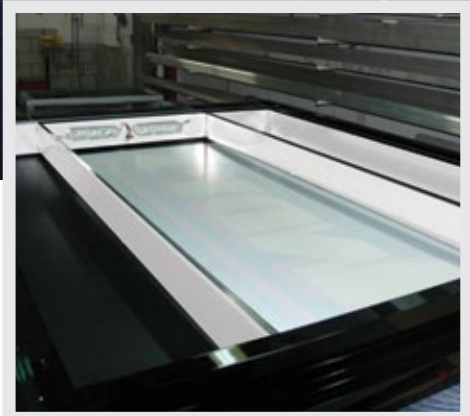
Specifications (full module):

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

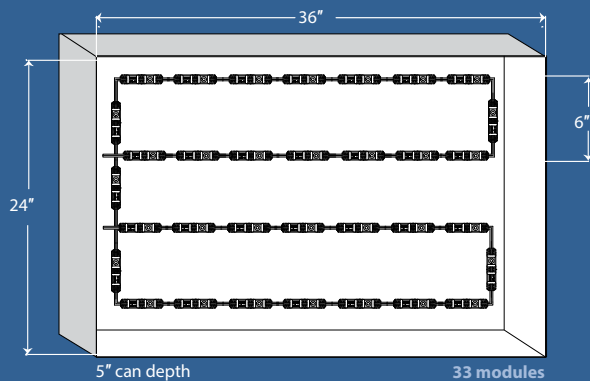
Revolutionary 180° LED module
low-profile lighting system



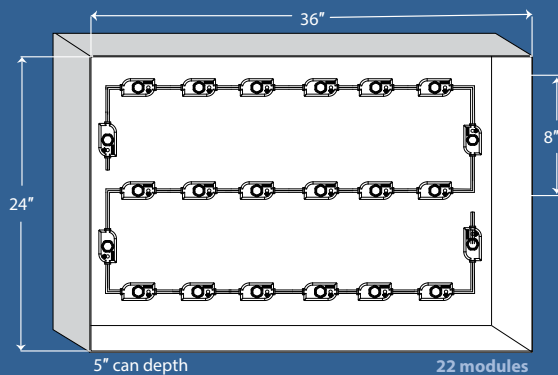
- Even illumination with less modules
- Versatile low-profile modules
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant



Simple Solutions to achieve more with less



V180 achieves even illumination with 33% less modules



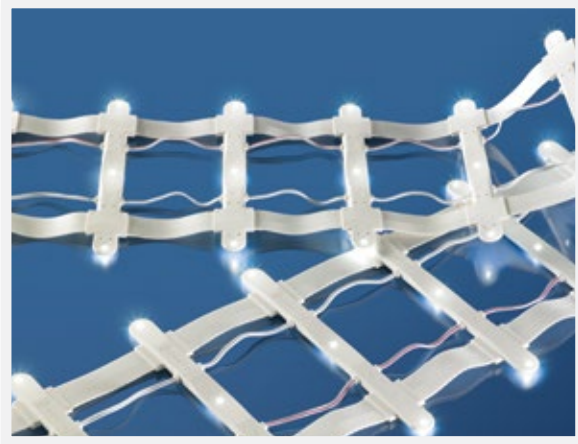
Specifications

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

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

Find more at SloanLED.com

- Online product estimators
- Energy saving estimators
- SloanLED overview brochure
- Eco-friendly brochure
- Photo application gallery
- Install guides and videos

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