Simple Solutions
for the Sign Industry

SloanLED®
Leaders in LED Technology

56 Years of Lighting Excellence

The Sloan Company was founded in 1957 to design and develop high-reliability lighting products for the aerospace and automotive industries. By the early 1970s, the Sloan Company became the pacesetter in LED technology and the transition to SloanLED® was realized.

Today, as our name implies, LEDs are all that we do and we are committed to providing quality LED systems to the sign industry.

The SloanLED Advantage

Innovation

• Bright, vivid signs and perimeter/accent lighting

• Easy to install

• Reliable and dependable products

• Consistent color and intensity

• Reduced maintenance and service costs

• Lowest total cost of ownership

Reliability

• Virtually maintenance free

• Proprietary weatherproof coating

• Extremely long life, up to 100,000 hours

• Third party testing on power supplies

• Extreme environmental and product-life testing

Environmentally friendly

• Significant energy cost savings

• Standardized low-voltage systems

• RoHS compliant

• Recycled/recyclable packing materials

• Mercury free illumination

• Compatible with solar solutions

Quality

• ISO 9001 company

• LM79 product testing

• TUV, UL, cUL, CE, ETL, and CSA approved

• Experienced and proven industry leader

Why SloanLED Uses Constant Current Technology

• Maintains consistent current levels

• Eliminates current change due to forward voltage variation

• Provides uniform light output throughout the entire installation

• Prevents damage from over-driving of LEDs

• Allows modules to be wired in parallel or series without complicated load balancing

Constant Current Driver IC

+

12 VDC

-
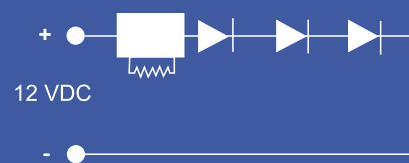
Solutions-based Products

White Channel Letter Products

The chart below breaks down the SloanLED white product line by can depth and Kelvin temperature.

White product	Temperature	Desired can depth						
		2 inch	3 inch	4 inch	5 inch	6 inch	7 inch	8 inch
Strip								
BendLUX	6500 K	Optimal	Requires testing					
Modules								
V180 Mini	6500 K	Optimal	Optimal	Acceptable	Requires testing			
V180 Standard	6500 K		Optimal	Optimal	Optimal	Optimal	Acceptable	Requires testing
V180 Large	6500 K			Requires testing	Optimal	Optimal	Optimal	Optimal
Great White 4	6500 K			Requires testing	Optimal	Optimal	Optimal	Optimal
Apollo	5000 K		Requires testing	Optimal	Optimal	Optimal	Acceptable	Acceptable
V Series 2	7200 K		Requires testing	Optimal	Optimal	Optimal	Acceptable	Acceptable
V Series	7200 K, 4200 K	Requires testing	Optimal	Optimal	Optimal	Acceptable	Acceptable	Requires testing
VL Plus Mini	6500 K		Requires testing	Optimal	Optimal	Optimal		
VL Plus Short	6500 K			Acceptable	Optimal	Requires testing		
VL Plus Long	6500 K			Requires testing	Optimal	Acceptable	Requires testing	

■ Optimal   ■ Acceptable   ☐ Requires testing

Cabinet/Box Lighting

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
SignBOX™	Backlit solutions for standard and deep cabinets 8+ inches in depth

Architectural Lighting

Product	Description
Fluorescent Alternative	
SlimLINER	Interior and exterior illumination for soffits, awnings, and wall washes in narrow applications
HighLINER*	Interior and exterior illumination for soffits, awnings, and wall washes
Border Tubing	
LEDStripe*	Ultra bright large profile tubing, high impact rigid tubing, daytime color when non-illuminated
FlexiBRITE	Flexible tubing, pre-assembled/sealed, field cuttable, field bendable without heating
ColorLINE	Neon inspired look, high brightness, field cuttable, low power consumption

* Uses 100 W 24 VDC power supply; all other products use 60 W 12 VDC power supplies

Simple Solution
for block acrylic letters

New

BendLUX
Routed acrylic block letters, halo and shallow face-lit applications

- Bendable in radial direction
- Low-profile illumination for solid acrylic block letters, narrow and shallow channel letters, and backlit halo letters
- Snappable every 1.7 inches with jumpers in place for easy flat bends and connections
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant
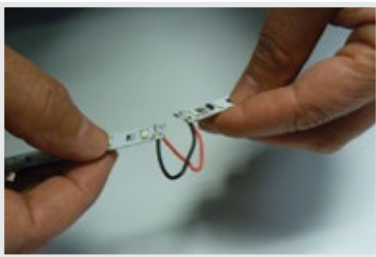
Snap modules and stretch wire for additional flexibility

Item description	Part number	Lumens per strip
BendLUX (6500K)	701960-6WS241	365

Specifications

Dimensions L × W × H	24 in × 0.30 in × 0.10 in
Viewing angle	120°
LEDs per section	3
Nominal color temperature	6500 K
Minimum radial bend radius	1 in
Operating temperature	-40° C to +70° C
Special features	Snappable every 1.7 inches
	Jumpers between sections for easy flat bends and connections
Power	0.3 W per section 4.2 W per strip
Power supply	SloanLED 12 VDC
Efficacy	85 lm/W
Fastening	Peel-n-stick
Packaging	12 strips per box

V180

Revolutionary 180° LED module low profile lighting system

- Even illumination with less modules
- Versatile low profile modules
- Ingress Protection 68 rating (IP68)
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

Specifications

Dimensions L × W × H	Large	1.76 in × 0.95 in × 0.38 in
	Standard	1.63 in × 0.80 in × 0.31 in
	Mini	1.24 in × 0.50 in × 0.34 in
Viewing angle	180°	
LEDs per module	3	

Modules per foot

Size	Natural spacing	Stretched spacing
Large	2	1.2
Standard	2.5	2
Mini	2.5	N/A

Maximum coverage per row

Size	Can depth	Row coverage
Large	7 in to <10 in	12 in
	10 in to <12 in	16 in
Standard	3 in to <4 in	5 in
	4 in to <7 in	10 in
Mini	2 in to <3 in	3 in
	3 in to <4 in	4 in

Operating temperature	-40° C to +70° C	
Protection class	IP68	
Special feature	Wire stretch feature available on V180 Standard and Large	
Power per module	Large	1.20 W
	Standard	0.55 W
	Mini	0.36 W
Power supply	SloanLED 12 VDC	
Efficacy	Large	108 lm/W
	Standard	90 lm/W
	Mini	90 lm/W
Fastening	Peel-n-stick and mechanical	
Packaging	5 trays per carton	
	Large	42 modules per tray
	Standard	62 modules per tray
	Mini	75 modules per tray

Item description	Part number	Lumens per module
Large (6500 K)	701269-6WLG1-MB	130
Standard (6500 K)	701269-6WSG1-MB	50
Mini (6500 K)	701269-WLP2-MB	32.5

Simple Solutions
to achieve more with less

VL Plus Short
31 modules
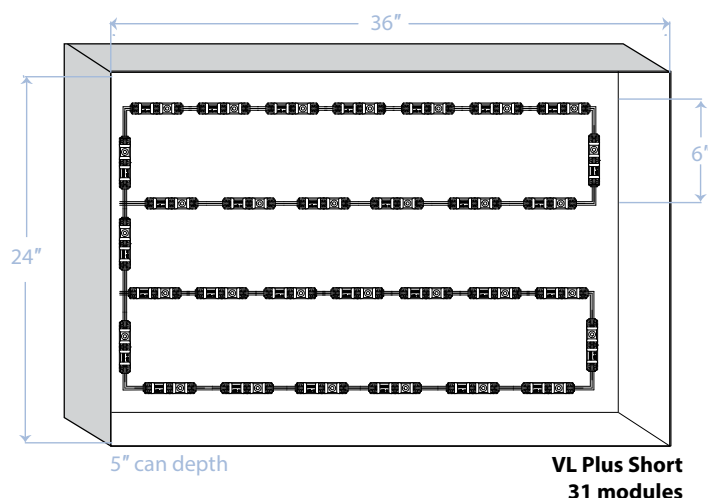
V180 achieves even illumination with 50% less modules

V180 Standard
17 modules
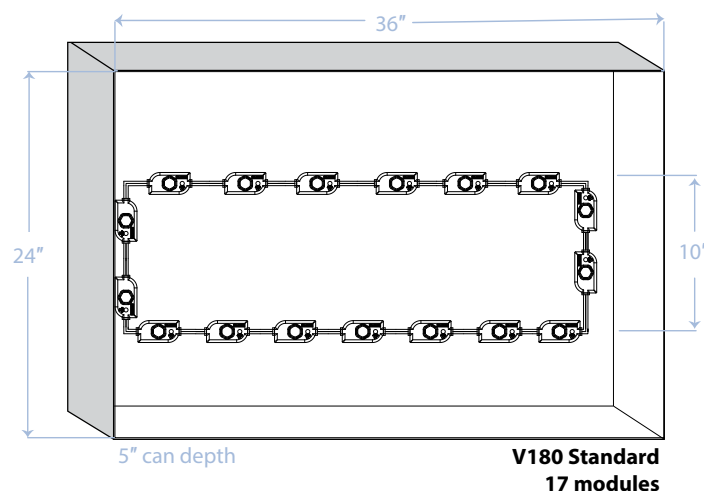
Great White 4
High brightness face-lit option

- Advanced high output white LED system
- Run 25 feet per SloanLED 60 W 12 VDC power supply
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

Specifications

Dimensions L × W × H	3.16 in × 0.50 in × 0.36 in	
Viewing angle	120°	
LEDs per module	6	
Modules per foot	2	
Maximum coverage per row	**Can depth**	**Row coverage**
	5 in to <8 in	5 in
	≥8 in	8 in
Operating temperature	-40° C to +70° C	
Protection class	IP66	
Power per module	1.08 W	
Power supply	SloanLED 12 VDC	
Efficacy	90 lm/W	
Fastening	Peel-n-stick and mechanical	
Packaging	5 trays per carton	
	50 modules per tray	

Item description	Part number	Lumens per module
Great White 4 (6500 K)	701269-WL4-MB	98

Apollo and V Series 2
High performance white alternatives

Apollo (IP68)
5000 K

V Series 2
7200 K

- Two white hue alternatives for standard can depths
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

Specifications

Dimensions L x W x H	Apollo	3.5 in x 0.63 in x 0.38 in
	V Series 2	2.35 in x 0.49 in x 0.35 in
Viewing angle	Apollo	150°
	V Series 2	120°
LEDs per module	3	
Modules per foot	Apollo	2
	V Series 2	3
Maximum coverage per row	**Can depth**	**Row coverage**
	4 in to 5 in	6 in
	>5 in	7 in
Operating temperature	-40° C to +65° C	
Protection class	Apollo	IP68
	V Series 2	IP66
Power per module	Apollo	0.48 W
	V Series 2	0.60 W
Power supply	SloanLED 12 VDC	
Efficacy	Apollo	100 lm/W
	V Series 2	83 lm/W
Fastening	Peel-n-stick and mechanical	
Packaging	5 trays per carton	
	Apollo	50 modules per tray
	V Series 2	75 modules per tray

Item description	Part number	Lumens per module
Apollo (5000 K)	701269-W6-MB	48
V Series 2 (7200 K)	701269-WV2-MB	50

V Series
Full array of colors

- Versatile low profile modules
- 2 shades of white and 5 colors
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant
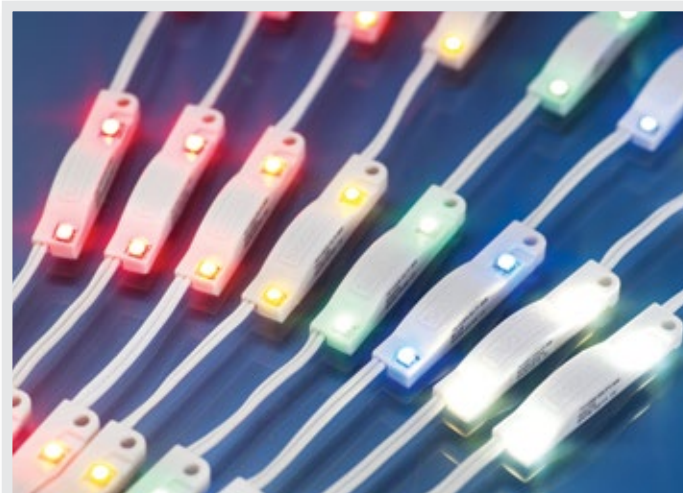
Whites

Specifications

Dimensions L x W x H	2.25 in x 0.44 in x 0.38 in
Viewing angle	140°
LEDs per module	2
Modules per foot	3

Maximum coverage per row	Can depth	Row coverage
	3 in	4 in
	>3 in to 5 in	5 in
	>5 in to 8 in	6 in

Operating temperature	-40° C to +70° C
Protection class	IP66
Power per module	0.60 W
Power supply	SloanLED 12 VDC

Efficacy		
	7200 K	47 lm/W
	4200 K	36 lm/W

Fastening	Peel-n-stick and mechanical
Packaging	5 trays per carton
	75 modules per tray

Item description	Part number	Lumens per module
White (7200K)	701269-WLPY-MB	28.3
White (4200K)	701269-WWLPY-MB	21.7

Colors

Specifications

Dimensions L x W x H	2.30 in × 0.49 in × 0.38 in

Viewing angle	Cool colors	140°
	Warm colors	120°

LEDs per module	2
Modules per foot	3

Maximum coverage per row	Can depth	Row coverage
	3 in	4 in
	>3 in to 5 in	5 in
	>5 in to 8 in	6 in

Operating temperature	-40° C to +70° C
Protection class	IP66
Power per module	0.60 W
Power supply	SloanLED 12 VDC

Efficacy		
	Red	20 lm/W
	Orange	25 lm/W
	Yellow/Amber	13 lm/W
	Green	38 lm/W
	Blue	11 lm/W

Fastening	Peel-n-stick and mechanical
Packaging	5 trays per carton
	75 modules per tray

Item description	Part number	Lumens per module
Red (625 nm)	701269-RLP-MB	12
Orange (610 nm)	701269-OLP-MB	15
Yellow/Amber (590)	701269-YLP-MB	8
Green (528 nm)	701269-GLPZ-MB	23
Blue (470 nm)	701269-BLP-MB	7

ThinLED
Specialty halo illumination

Available in 6 colors

- Bendable to 1 inch radius
- Fits in narrow strokes and can be cut to size
- Each strip includes one 6 inch jumper
- Run 25 feet per SloanLED 60 W 12 VDC power supply
- Constant Current Technology
- UL and cUL recognized, CE Certified

Specifications

Strip dimensions L × W × H	12 in x 0.38 in x 0.75 in
Power per strip	2.2 W
Power supply	SloanLED 12 VDC
Operating temperature	-40° C to +70° C
Fastening	Peel-n-stick
Packaging	12 inch strips sold individually

Item description	Part number	Cut increments
Red	701228-18-R	2.0 in
Orange	701228-18-A	2.0 in
Yellow	701228-18-Y	2.0 in
White	701228-18-W	1.33 in
Blue	701228-18-B	1.33 in
Green	701228-18-G	1.33 in

ChanneLED 5 Red
Red channel letters

- SloanStretch expandable wire (+2 inch) feature for optimum module placement
- Run 45 feet per SloanLED 60 W 12 VDC power supply
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

Specifications

Dimensions L × W × H	4 in × 0.46 in × 0.45 in	
Viewing angle	120°	
LEDs per module	3	
Modules per foot	2	
Maximum coverage per row	**Can depth**	**Row coverage**
	≥ 5 in	7.5 in
Operating temperature	-40° C to +70° C	
Protection class	IP66	
Special feature	SloanStretch – expandable wire (+2 in)	
Power per module	0.60 W	
Efficacy	30 lm/W	
Power supply	SloanLED 12 VDC	
Fastening	Peel-n-stick and mechanical	
Packaging	5 trays per carton 50 modules per tray	

Item description	Part number	Lumens per module
Red (625 nm)	701269-R5-MB	18

VL Plus White and Red
Everyday standard face-lit solution

- Run up to 75 feet per SloanLED 60 W 12 VDC power supply (see power capacity chart for exact lengths)
- Three white sizes : Long, Short and Mini
- Two red sizes: Long and Short
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

Red

Specifications

Dimensions L × W × H	Long 3.45 in × 0.49 in × 0.37 in Short 2.35 in × 0.49 in × 0.37 in
Viewing angle	120°
LEDs per module	3
Modules per foot	Long 2 Short 2.5

Maximum coverage per row

Can depth	Row coverage
5 in	5 in

Operating temperature	-40° C to +70° C
Protection class	IP66
Power per module	Long 0.36 W Short 0.29 W
Power supply	SloanLED 12 VDC
Efficacy	30 lm/W
Fastening	Peel-n-stick and mechanical
Packaging	5 trays per carton Long 50 modules per tray Short 75 modules per tray

Item description	Part number	Lumens per module
Red Long (625 nm)	701269-RVLL-MB	11
Red Short (625 nm)	701269-RVLS-MB	9

White

Specifications

Dimensions L × W × H	Long 3.45 in × 0.49 in × 0.35 in Short 2.35 in × 0.49 in × 0.35 in Mini 1.33 in × 0.44 in × 0.35 in
Viewing angle	120°
LEDs per module	Long/Short 3 Mini 2
Modules per foot	Long 2 Short 2.5 Mini 4

Maximum coverage per row

Can depth	Row coverage
5 in	7 in

|	
Operating temperature	-40° C to +70° C
Protection class	IP66
Power per module	Long/Short 0.42 W Mini 0.32 W
Power supply	SloanLED 12 VDC
Efficacy	Long/Short 95 lm/W Mini 61 lm/W
Fastening	Peel-n-stick and mechanical
Packaging	5 trays per carton Long 50 modules per tray Short 75 modules per tray Mini 100 modules per tray

Item description	Part number	Lumens per module
White Long (6500 K)	701269-WVLL-MB	40
White Short (6500 K)	701269-WVLS-MB	40
White Mini (6500 K)	701269-WVLM-MB	20

PosterBOX™ Slim

PosterBOX™

SignBOX™

2" to 4"
box depth

5" to 8"
box depth

8" to 12"
box depth

New

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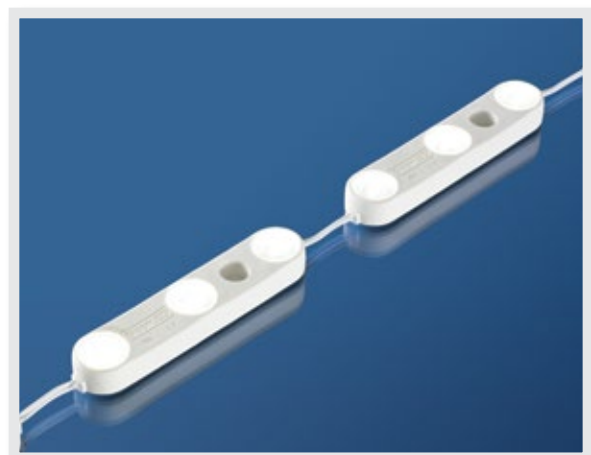
- FanFlare™ lens technology projects the light in a fan pattern to evenly illuminate the sign face
- Excellent white light intensity and uniformity
- Optimal for box signs as shallow as:
    2 inches single-sided
    4 inches double-sided
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

Specifications

Dimensions L × W × H	4.87 in × 1.00 in × 0.56 in
Viewing angle	15° × 43°
LEDs per module	3
Modules per foot	2
Light throw	1.5 feet maximum to center of cabinet
Operating temperature	-40° C to +70° C
Protection class	IP66 (pending)
Special feature	FanFlare lens technology, Wire Stretch 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	3 trays per carton 38 modules per tray

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

PosterBOX™
Shallow or narrow cabinets

- Easily illuminates double-sided cabinets with 4 to 6 inch can depths
- Side mounted module
- FanFlare™ lens technology projects the 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 × W × H	8.67 in × 1.74 in × 0.92 in
LEDs per module	3
Maximum stroke width	4 ft per module
Operating temperature	-40° C to +70° C
Protection class	IP66
Special feature	FanFlare™ lens technology
Power per module	6.7 W
Power supply	SloanLED 12 VDC
Efficacy	82 lm/W
Fastening	Peel-n-stick and mechanical
Packaging	10 modules per carton
Accessories	FlareShield™ (PN 401059) for shallower applications to eliminate hot spots

FlareShield on module

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

SignBOX™
Standard or deep cabinets

Coiled in packaging, rigid when installed

- Bright, even illumination
- Quick and easy installation
- Mounted on a flexible strip to make it easy to customize
- Run 16 feet per SloanLED 60 W 12 VDC power supply
- Completely sealed module (IP68)
- Constant Current Technology
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

Specifications

Dimensions L × W × H	5.88 in × 2.42 in × 0.69 in	
	32 modules per 16 ft chain	
Viewing angle	180°	
LEDs per module	3	
Modules per foot	2	
Maximum coverage per row	**Can depth**	**Row coverage**
	6 to <8 in	10 in
	≥8 in	12 in
Operating temperature	-40° C to +70° C	
Special features	Cuttable in 6 inch increments	
	SloanStretch – expandable wire (3 in)	
Power per module	1.68 W	
Power supply	SloanLED 12 VDC	
Efficacy	83 lm/W	
Fastening	Mechanical	
Packaging	32 modules per carton	
Accessories	Bracket	400889
	Coupler	400890

Item description	Part number	Lumens per module
SignBOX (6500 K)	701946-CWSBL	140

SignBOX is covered by patent pending.

Simple Solutions
for architectural details

HighLINER Fixture

Fluorescent Alternatives
- Add attention and definition to architectural details
- Highlight non-illuminated signs
- Illuminate canopies and awnings

Border Tubing and Accents
- Add architectural detail and enhanced visibility to buildings
- Create neon-like looks with eco-friendly LED-based tubing
- Choose from an array of colors

LEDStripe

SlimLINER
Awnings, vinyl canopies, and accents

- Can be cut in the field
- Easy and quick to install
- Slim, light weight, low profile fixture
- Consistent, uniform color
- Illuminate awnings evenly
- UL and cUL recognized, CE, ETL Certified
- RoHS and WEEE compliant

Specifications

Dimensions L × W × H	46 in x 0.875 in x 0.375 in
Nominal color temperature	5000 K
Estimated product lifetime	50,000 hours (L_{70})
Operating temperature	-40° C to +70° C
Protection class	IP68
Special feature	Each fixture can be cut for two usable sides in 6 inch increments

Power	**Per foot**	**Per stick**
	2.25 W	9 W

Power supply	SloanLED 12 VDC
Efficacy	83.3 lm/W
Fastening	Peel-n-stick or mounting clips (PN 401203), 4 included with each unit

Item description	Part number	Lumens per fixture
SlimLINER (5000 K)	701956-5WL461	725

HighLINER
Soffits, awnings, and wall wash

- Easy to install
- Light weight fixture
- Consistent, uniform color
- Illuminate soffits evenly
- UL and cUL recognized, CE, ETL Certified
- RoHS and WEEE compliant

Specifications

Dimensions L × W × H	45.69 in × 2.25 in × 1.13 in
Nominal color temperature	5000 K
Color Rendering Index (CRI)	75 (nominal)
Estimated product lifetime	50,000 hours (L_{70})
Operating temperature	-25° C to +50° C
Protection class	IP68
Power	15 W
Power supply	SloanLED 24 VDC
Efficacy	125 lm/W (at LED)
Fastening	Mounting clips (PN 400686), 3 included with each unit

Item description	Part number	Lumens per fixture
HighLINER (5000 K)	701912	1500

Fluorescent Alternative – Architectural Lighting

24 VDC Power Supply
HighLINER Fixture and LEDStripe

- IP68 Rated (Ingress Protection 68)
- Auto-resetting
- Simple secondary hookups, no minimum load, no load balancing, and no dip switches
- Modular compact design
- CE and UL Recognized for dry, damp, and wet locations
- Backward compatible with legacy SloanLED LEDStripe

Part number	Nominal input voltage	Max input current	Power output	Overall dimensions L x W x H
701895-24C	100-240 V	2.0 A	100 W	10.25 in x 1.73 in x 1.19 in

Power Supply Capacity

Item description	Power output	Maximum
HighLINER Fixture	100 W DC	6 units
LEDStripe 24 VDC (all colors)	100 W (2 legs) DC*	60 feet
Power Used per Foot in Watts		1.5

*Footages expressed are total (maximum 30 ft per leg).
Power Output is based on Power Supply loading of two parallel 30 ft legs.
Actual power draw may depend on loading configuration.
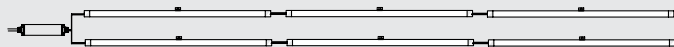
Illustrated above are two parallel 30 ft legs of LEDStripe.

Bends
LEDStripe and ColorLINE

- Radial or flat bend
- Factory bend:
  - LEDStripe — 12 in minimum radius
  - ColorLINE — 9.75 in minimum radius

Radial Bend
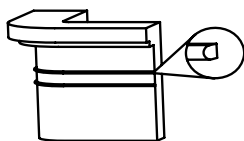
In field radial bend:
LEDStripe — 14 ft minimum
ColorLINE — 19 ft minimum

Flat Bend

In field flat bend:
LEDStripe — 19 ft minimum
ColorLINE — 6 ft minimum

LEDStripe
Large-profile LED tubing
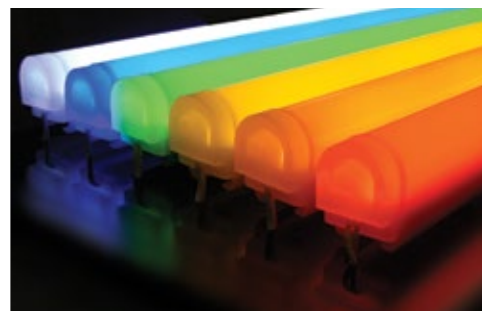
- Daytime color when non-illuminated
- NEW White is now 5 times brighter (701189E-W)
- High impact acrylic: UV stable, hydrocarbon insensitive, non-fading
- Can be factory bent to minimum 12 inch radius
- Can be cut in the field
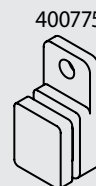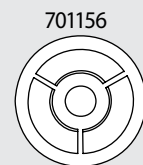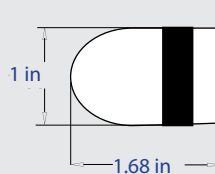- Conforms to UL 48 standard, CE certified, and ETL Listed

Specifications

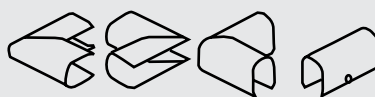|	
Power per foot	1.5 W (except 1 ft at 3 W) on average
Operating temperature	-40° C to +70° C

Colors

	Warm:	Red, orange, amber
	Cool:	Green, blue, white
	Misc.:	Lemon yellow has amber daytime color

Power supply — SloanLED 24 VDC

1 in

1.68 in

701156   400775

Mounting Buttons

Corner and Joint Covers

Outside Corner   701362-X
Inside Corner   701363-X
Step Corner   701364-X
Joint Cover   701361-X

Item description	Part number	Approx. cut increments	Actual length
1 ft Tube	701189-color-1	1 in	12.88 in
2 ft Tube	701189-color-2	3 in	24.88 in
4 ft Tube	701189-color-4	3 in	48.88 in
6 ft Tube	701189-color-6	3 in	73.38 in
8 ft Tube	701189-color-8	3 in	97.38 in
10 ft Tube	701189-color-10	3 in	121.38 in

LEDStripe system is covered by US Patent: 6776504, 6969179, 7192157, and patent pending

ColorLINE
Neon-inspired tubing

- Slim profile similar to standard neon
- Neutral frosted white color when non-illuminated
- High impact acrylic: UV stable, hydrocarbon insensitive, non-fading
- Can be factory bent to minimum 9.75 inch radius
- Three lit mitered corner configurations
- Convenient, weatherproof connectors between sections
- Can be cut in the field
- UL and cUL recognized, CE Certified, ETL Listed

Specifications

Power per foot	2.28 W
Operating temperature	-40° C to +70° C
Power supply	SloanLED 12 VDC
Colors	Red, orange, yellow, green, blue, white, warm white (warm white not shown)

0.44 in   0.59 in   1 in

400381-25
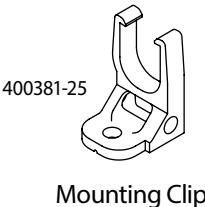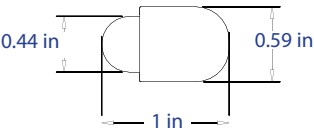
Mounting Clip

Item description	Part number	Approx. cut increments	Actual length
2 ft Tube	701800-color-2	2.4 in	24.5 in
4 ft Tube	701800-color-4	2.4 in	48.5 in
6 ft Tube	701800-color-6	2.4 in	72.5 in
8 ft Tube	701800-color-8	2.4 in	96.5 in

ColorLINE system is covered by US Patent: 6776504, 6969179, 7192157, and patent pending

FlexiBRITE
Flexible LED tubing

- Extremely flexible LED tubing
- Daytime color for red and neutral for other colors
- Optically modified silicone extrusion: UV stable, hydrocarbon insensitive, non-fading
- Convenient mounting clips and tracks
- Can be cut in the field
- UL and cUL Recognized, CE Certified

Specifications

Power per foot	2.8 W
Operating temperature	-40° C to +70° C
Power supply	SloanLED 12 VDC
Packaging	2 ft or 10 ft packaged with end caps and mounting clips

0.6 in   0.5 in   1 in

701456-10

701572-25
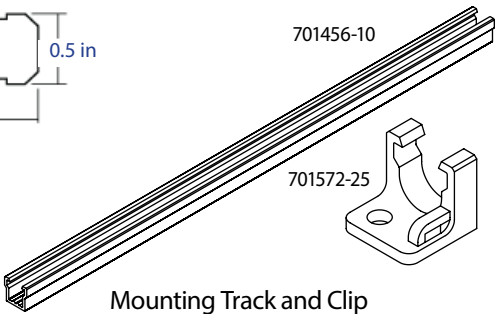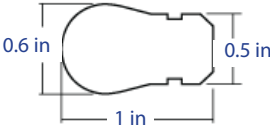
Mounting Track and Clip

Item description	Part number	Cut increments
Red	701499-R-Size	2.0 in
Orange	701499-O-Size	2.0 in
Yellow	701499-Y-Size	2.0 in
Green	701499-G-Size	1.0 in
Blue	701499-B-Size	1.0 in

FlexiBRITE is covered by US Patent 6,776,504 and 7,213,941 European Patent No.1756471

Tubing – Architectural Lighting

Our confidence is showing – it's in the data.

SloanLED
MODW 60 W
Power Supply

3rd Party Independent Test Results

Thermal shock cycle comparison test
based on 100 cycles = 7.6 years

% of passing
power supplies

	95%	58%	0%	0%
	SloanLED	Competitor A	Competitor B	Competitor C
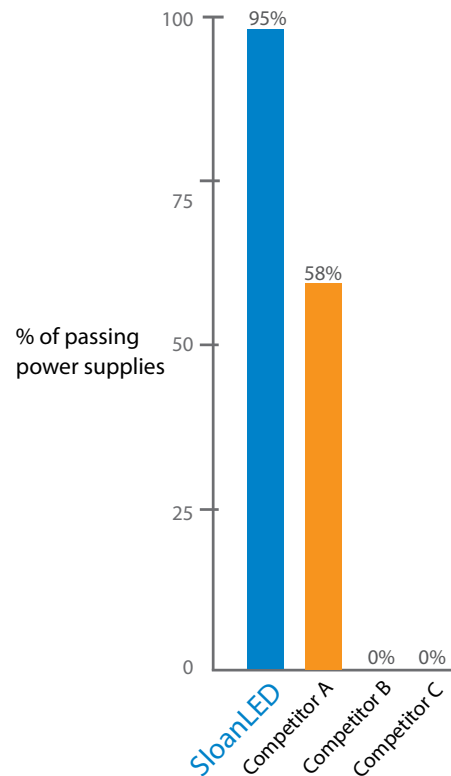
"MODW units meet SloanLED's stringent design criteria and outperformed the competition, making them best-in-class."

Elmer Tolentino Jr., CRE
Principal Reliability Engineer
Reliant Labs

The above graph shows the results from thermal shock testing completed by Reliant Labs. Power supplies were subjected to 155° C temperature swings and then analyzed for cracks. Those found with cracks did not pass.

Best-in-class

MODW 60 W Power Supply

✓ **Field data**
Verified return rate of 0.06% on over 300,000 power supplies sold

✓ **3rd party result**
Outperformed next best competitor by 64% in thermal shock testing

✓ **3rd party result**
Achieved 100% score on underwater thermal cycling; no water intrusion

Reliant Labs provides high quality environmental testing and reliability services; a true alternative to traditional design qualification. As one of the largest and busiest HALT labs in the world, Reliant Labs quickly and accurately delivers knowledge resources, practical experience and confidentiality along with the most comprehensive test reports in the industry. For more information on Reliant Labs visit ReliantLabs.com.

QUALITY CONTROL APPROVED

RELIANT LABS

17

12 VDC Power Supplies

MODW 60 Watt
IP68 Rated

- Ingress Protection 68 Rated (IP68)
- Operating temperatures -40° C to 60° C
- Auto-resetting
  - No fuses to replace or circuit breaker to reset
  - Short circuit protection automatically resets when short condition is corrected
- Modular design
  - Cluster with standard J-boxes to create multiple 60 W legs
- UL, cUL, CSA, TUV, CE certification
  - UL classified for field retrofits
- RoHS and WEEE compliant

Self-Contained 20

- Small compact size
- Operating temperatures -30° C to 60° C
- UL-rated for dry and damp locations
- RoHS and WEEE compliant

Specifications for all SloanLED 12 VDC Power Supplies

Item description	Part number	Nominal input voltage	Max. input current	Power output	Enclosure spec			Overall dimensions L x W x H
					Dry	Damp	Wet	
Self-Contained 20	701680	100-240 V	0.55 A	20 W	X	X		4.65 in x 1.38 in x 1.03 in
MODW 60 W	701507-MODW	100-240 V	1.0 A	60 W	X	X	X	9 in x 2.5 in x 1.5 in
MOD277 60 W	701507-MOD277	277-347 V	0.5 A	60 W	X	X	X	10.5 in x 2.5 in x 1.5 in

SloanLED power supplies carry required UL, cUL, and CSA certification
Self-Contained 20, MODW, and MOD277 also carry CE certification

Dimmer Solutions

All SloanLED 12 VDC products can be dimmed using our dimming module (PN 701817) and either our manual Dim Control Box (PN 701843) or approved automatic controller.

Installation Cable

SloanLED offers 18 gauge (PN 400299-1200) and 14 gauge (PN 400301-100) cable to make your installation easier.

12 VDC Power Supply Capacity

Maximum number of feet/modules – All footage based on 90% of rated capacity

SloanLED Channel Letter Products

Item description (Part number)	Power output	V180 Mini	V180 Standard	V180 Large		BendLUX
Modules per foot		2.5	2.5	2		2 ft strips
Self-Contained 20 (701680)	20 W	20 ft /50 Mods	13 ft /32 Mods	7.5 ft /15 Mods		8 ft /4 Strips
MODW 60 W (701507-MODW) MOD277 60 W (701507-MOD277)	60 W	60 ft /150 Mods	39 ft /98 Mods	22.5 ft /45 Mods		25 ft / 12.5 Strips
Watts per module		0.36	0.55	1.20		4.2 W per strip

Item description (Part number)	Power output	V Series all 7 colors	V Series 2	ChanneLED 5 Red	Apollo	Great White 4
Modules per foot		3	3	2	2	2
Self-Contained 20 (701680)	20 W	10 ft /30 Mods	10 ft /30 Mods	15 ft /30 Mods	19 ft /38 Mods	8 ft /16 Mods
MODW 60 W (701507-MODW) MOD277 60 W (701507-MOD277)	60 W	30 ft /90 Mods	30 ft /90 Mods	45 ft /90 Mods	56 ft /112 Mods	25 ft /50 Mods
Watts per module		0.6	0.6	0.6	0.48	1.08

Item description (Part number)	Power output	VL Plus White Long	VL Plus White Short	VL Plus White Mini	VL Plus Red Long	VL Plus Red Short
Modules per foot		2	2.5	4	2	2.5
Self-Contained 20 (701680)	20 W	21 ft /42 Mods	16 ft /40 Mods	13 ft /52 Mods	25 ft /50 Mods	25 ft /62 Mods
MODW 60 W (701507-MODW) MOD277 60 W (701507-MOD277)	60 W	65 ft /130 Mods	50 ft /125 Mods	40 ft /160 Mods	75 ft /150 Mods	75 ft /187 Mods
Watts per module		0.42	0.42	0.32	0.36	0.29

SloanLED Cabinet/Box Products

Item description (Part number)	Power output	PosterBOX Slim	PosterBOX	SignBOX
Modules per foot		2	N/A	2
Self-Contained 20 (701680)	20 W	6 ft /12 Mods	2 Mods	5 ft /10 Mods
MODW 60 W (701507-MODW) MOD277 60 W (701507-MOD277)	60 W	19 ft /38 Mods	8 Mods	16 ft /32 Mods
Watts per module		1.38	6.7	1.68

SlimLINER, FlexiBRITE, and ColorLINE

Item description (Part number)	Power output	SlimLINER	FlexiBRITE all colors	ColorLINE all colors
		Maximum feet		
Self-Contained 20 (701680)	20 W	8	6	8
MODW 60 W (701507-MODW) MOD277 60 W (701507-MOD277)	60 W	24	20	24
Power used per foot in Watts		2.25	2.8	2.3

NOTE: When mixing modules of different sizes/colors or various products on the same power supply, simply add all the power requirements for the respective footages of each product. Then choose appropriate power supplies to provide adequate power output. The actual number of power supplies needed may vary based on how the materials are distributed over the project.

Product Warranty

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

- Channel letter products: all colors are 5 years
- Box lighting products, HighLINER, and SlimLINER are 5 years
- Border tubing and ThinLED in red, orange, amber, and yellow are 5 years
- Border tubing and ThinLED in green, blue , whites, lemon yellow, and pastels are 3 years
- Power supplies are 5 years

Find more at SloanLED.com

- Online product estimators
- Energy saving estimators
- SloanLED overview brochure

- Eco-friendly brochure
- Photo application gallery
- Install guides and videos

3 ways to get a FREE product estimate

- Online estimator
- Call, e-mail, or fax us your request
- SloanLED Quick Count mobile app available for iPhone®, iPad touch®, iPad® or Android™ devices

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