

LIGHTING SOLUTIONS

We Brighten Your Brands.



Brightening Your Brands from the Beginning.

Founded in 1957 to design and develop high-reliability lighting products, SloanLED® quickly became a pioneer in LED technology. Our founder, Charles Sloan, was driven by two simple principles: employ the latest technologies to develop quality lighting products and take excellent care of our customers.

SloanLED has continued to deliver on these principles as a leading supplier of aircraft indicator lights for the last 60 years, and our commitment to producing safe, reliable, lighting solutions that withstand the elements and harshest weather conditions, keeps us at the forefront of the lighting market. Our high-efficiency, long lasting solutions don't just brighten your brands; they represent significant energy cost reductions, maintenance cost savings, easy installation, faster ROI, and deliver exceptional performance with consistent brightness and uniformity.



1957

Company founded
by Charles Sloan

1968

Company begins early
work with U.S. military

1979

Pioneers in
LED technology

1997

First national
signage program

1999

SloanLED enters
spa market

2003

SloanLED introduces
Constant Current Technology

2004

Patent issued to
SloanLED for LEDStripe®

2011

SloanLED enters
petroleum
& c-store markets

2012

50,000,000 feet of
SloanLED product sold

2013

Design patent for
Pole Mount Light
issued

At SloanLED, it is our

MISSION

to deliver innovative light solutions by anticipating our customer's needs.

By understanding the lighting application, we design, test, and deliver comprehensive solutions that anticipate the customer's total cost of ownership needs and provide a positive experience. We collaborate with our partners to leverage technology, focus on research, and continuously improve our organization, processes, and products.

We are pioneers in applied light technology solutions; with a

VISION

of enlightening the world.



The Printworks
Manchester City Centre



2000

ChanneLED
introduced

2022

The leader in
light technology

2057

Celebrate 100-year
anniversary

"A brand is a living entity, and it is enriched or undermined cumulatively over time—the product of a thousand small gestures."

~ Michael Eisner

Companies we partner with:

They say you're known by the company you keep; that's why successful brands, who mean business, trust SloanLED.



Consumer Services:

Allianz
Anytime Fitness
AT&T
Enterprise
Extra Space
Hertz
Hudson News
Jiffy Lube
Lens Crafters
Life Storage
Nokia
Pearle Vision
Samsung
Sanquin
Shurgard Self-Storage
State Farm
Telekom
T-Mobile
U-Haul
Verizon
Vodafone
VW Dealerships

Financial Services:

Amen Bank
Alliance Bank
Bancorp
Barclays
BMO Harris
Capital One
Citibank
Chase ATMs
Commerz Bank
Danske Bank
Deutsche Bank
Fidelity
First Cash
Invesco
Lloyds Bank
M&T Bank
Nat West
Prudential
Sparkasse
Sun Trust Bank
TD Bank
Wells Fargo

Food & Grocery:

Albert Heijn
Applebees
Arby's
Auchan
Big Y
BJ Restaurants
Bob Evans
Buffalo Wild Wings
Burger King
Carls Jr.
Checkers
Cheesecake Factory
Chick-fil-A
Chili's
Chipotle
Churches Chicken
CiCi's Pizza
Dave & Busters
Del Taco
Gall & Gall
Hard Rock Cafe
Hooters

IHOP

In-N-Out Burger
Jack in the Box
KFC
Krystal Burgers
Little Caesars
McAlister's Deli
McDonald's
Noodles & Company
O'Charley's
On the Border
Panda Express
Pizza Hut
Pizza Ranch
Red Robin
Schlotskey's
Smashburger
Starbucks
Steak 'n Shake
Texas Road House
TGIF
Quiznos
Whataburger
White Castle

Hotels & Hospitality:

Bilderberg Hotel
The Drake Hotel
Drury Inn and Suites
Hilton Hotels Worldwide
Holiday Inn
Hotel Novotel
Hyatt Place
Motel 6
Red Roof
Sole on the Ocean
Travelodge
Whitebread Premier Inn
Wild Horse Hotel

Petroleum & Convenience:

Africa
Avia
BP
Caltex
Citgo
Chevron
Exxon
EZ Mart
HEM/Tamoi
Mavericks
OMV
PKN Orlen
Q8/Tango
RaceTrac
Shell
SOL Petroleum
Texaco
Total
United

Retail:

Big Lots
Burlington Coat
Familia
Fressnapf
Gamestop
Hobby Lobby
Home Goods
Kohl's
Michaels
Nike
Payless
PetSmart
Shoe Carnival
Shoesource
Staples
Sunglass Hut
Target
Thomas Cook
TJ Maxx
Toys "R" Us
Ulta
Victoria's Secret
Walgreens

Stadiums & Theaters:

Hard Rock Stadium (*Miami Dolphins*)
Harkins Theatres
First Direct Arena
Lincoln Financial Field (*Philadelphia Eagles*)
Mercedes-Benz Superdome (*New Orleans Saints*)
Microsoft/LA Live Theatre
Nissan Stadium (*Tennessee Titans*)
NRG Stadium (*Houston Texans*)
Qualcomm Stadium (*San Diego Chargers*)
Turner Field (*Atlanta Braves*)
US Bank Stadium (*Minnesota Vikings*)

Transit:

Brussel Airport
DB (Deutsche Bahn)
Denyer Transit
Düsseldorf Airport
Melbourne Airport
NS (Dutch Railways)
Paris Airport
Schiphol Airport



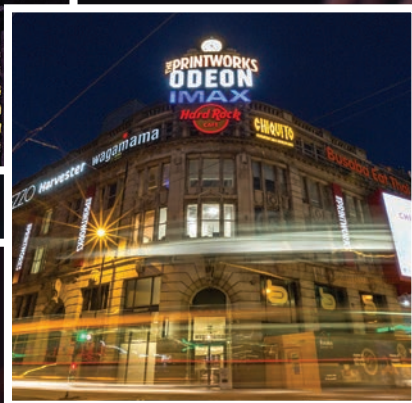
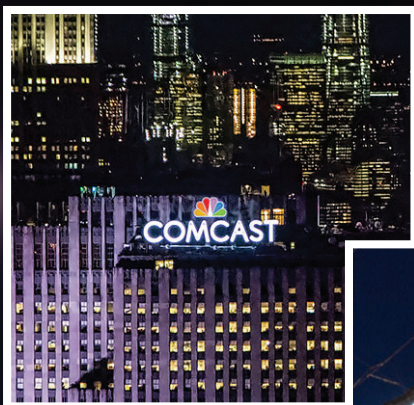
"Show me
your friends
and I'll show
you your
future."

~ John Kuebler



Channel Letter

SloanLED channel letter LED lighting products are designed for a wide range of channel letter applications, including face and halo lit, shallow to deep can depths, and routed acrylic letters.



SloanLED Prism

Reimagined LED lens technology

- Brightest lighting option in its class
- Ideal lens shape for illuminating channel letters
- Use fewer modules for faster installation and lower cost per sign
- Versatile mounting options
- Current Technology (CCT)



Specifications

Dimensions L x W x H	SloanLED Prism, HO	70 mm x 19 mm x 11 mm (2.75 in x 0.75 in x 0.44 in)
	Mini	25 mm x 18 mm x 11 mm (1 in x 0.72 in x 0.45 in)
Colors		70 mm x 19 mm x 13 mm (2.75 in x 0.75 in x 0.50 in)
LEDs per module	SloanLED Prism, HO	3
	Mini	1
Operating temperature	SloanLED Prism, Mini...	-40° C to +70° C
	HO	-40° C to +60° C
Protection class		IP66 & IP68 ¹
Binning		MacAdam Step 3
Life rating	SloanLED Prism, Mini...	>60,000 hours
	HO	>50,000 hours
Fastening	SloanLED Prism, HO	Peel-n-stick and mechanical
	Mini	Peel-n-stick

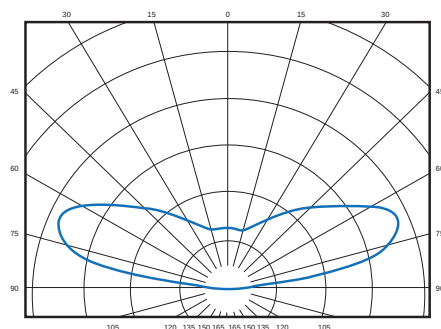
Whites

Model	Modules per meter/foot	Color temperature	Part number	Optimal can depth	Power per module	Lumens per module (nominal)	Efficacy	Power capacity per SloanLED 60 W 12 VDC power supply	Packaging of 5 trays per carton
SloanLED Prism	3.3/m (1/ft)	6500 K	701269-6WSJ2-MB	75-200 mm (3-8")	1.12 W	124	111 lm/W	48 modules (14.6 m / 48.0 ft)	14.6 m / 48.0 ft (48 modules) per tray
	4.9/m (1.5/ft)	7100 K	701269-7WSJ1-MB					48 modules (9.8 m / 32.0 ft)	9.8 m / 32.0 ft (48 modules) per tray
		6500 K	701269-6WSJ1-MB						
		5700 K	701269-57SJ1-MB						
		5000 K	701269-5WSJ1-MB						
		4000 K	701269-4WSJ1-MB			120	107 lm/W		
		3000 K	701269-3WSJ1-MB			115	103 lm/W		
Mini	7.4/m (2.25/ft)	6500 K	701269-6WMJ1-MB	50-100 mm (2-4")	0.46 W	44	95 lm/W	120 modules (16.3 m / 53.3 ft)	13.0 m / 42.7 ft (96 modules) per tray
HO	2.6/m (0.8/ft)	6500 K	701269-6WHJ1-MB	125-300 mm (5-12")	1.68 W	180	107 lm/W	32 modules (12.2 m / 40.0 ft)	12.2 m / 40.0 ft (32 modules) per tray
		5000 K	701269-5WHJ1-MB						

Colors

Part number	Color	Nominal wavelength	Modules per meter/foot	Optimal can depth	Power per module	Lumens per module (nominal)	Efficacy	Power capacity per SloanLED 60 W 12 VDC power supply	Packaging of 5 trays per carton		
701269-RDSJ3-MB	Red	628	6.6/m (2/ft)	75-200 mm (3-8")	0.72 W	24	33.5 lm/W	75 modules (11.4 m / 37.5 ft)	7.3 m / 24 ft (48 modules) per tray		
701269-RDSJ1-MB		4.9/m (1.5/ft)									75 modules (15.2 m / 50 ft)
701269-ORSJ1-MB	Orange					606					
701269-YLSJ1-MB	Yellow					589					
701269-GRSJ1-MB	Green					527					
701269-BLSJ1-MB	Blue	471									

Luminous Intensity Distribution



Visit product page for details.



¹ 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.

SloanLED channel letter products are covered by US and foreign patents pending and covered by one or more of the following US patents issued: 6,932,495, 7,160,140, 7,241,031, 7,520,771, 7,931,386 and European Patent No. 1756471.



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

SloanLED Prism Enlighten

Breakthrough LED lens technology

- Longer lifespan – 3X the life of a typical LED (150,000+ hours)
- Low power for lower operating costs, up-front labor, and material expenses
- Widest, most even spread of light, to work in shallow and deep cans
- Industry leading 9-year part/5-year limited labor warranty
- Environmentally friendly

Specifications

Part number	7100 K.....	701269-7WEJ1-MB
	6500 K.....	701269-6WEJ1-MB
	5700 K.....	701269-57EJ1-MB
	5000 K.....	701269-5WEJ1-MB
	4000 K	701269-4WEJ1-MB
	3000 K.....	701269-3WEJ1-MB

Dimensions L x W x H 70 mm x 19 mm x 11 mm
(2.75 in x 0.75 in x 0.44 in)

LEDs per module 3

Modules per m/ft 4.9 / 1.5

Optimal can depth 75-200 mm (3-8")

Operating temperature -40° C to +70° C

Protection class IP66 & IP68¹

Binning MacAdam Step 3

Power per module 0.75 W

Efficacy 7100 K, 6500 K,
5700 K, 5000 K..... 120 lm/W
4000 K 113 lm/W
3000 K..... 107 lm/W

¹ 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.

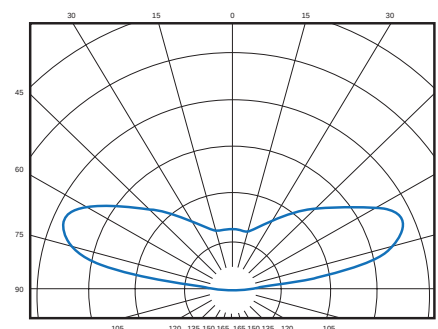
Fastening Peel-n-stick and mechanical

Power capacity 72 modules (14.6 m / 48.0 ft) per
SloanLED 60 W 12 VDC power supply

Packaging 9.8 m / 32.0 ft (48 modules) per tray,
5 trays per carton

Lumens per module (nominal) .. 7100 K, 6500 K,
5700 K, 5000 K..... 90
4000 K 85
3000 K..... 80

Luminous Intensity Distribution



Density Guideline

Module color	Can depth (mm/in)	Max. stroke coverage per row (mm/in)		mm/in on center dark vinyl	mm/in on center perforated vinyl
		Single row	Multiple rows		
7100 K, 6500 K, 5700 K, 5000 K, 4000 K, 3000 K	75 mm / 3"	254 / 10	178 / 7 on center	152 / 6	127 / 5
	100 mm / 4"	305 / 12	229 / 9 on center	203 / 8	178 / 7
	127-203 mm / 5-8"	356 / 14	330 / 13 on center	305 / 12	279 / 11

These guidelines are intended to provide only an approximation of SloanLED Prism Enlighten product required for your sign, assuming an optimal balance of performance and cost. SloanLED is not responsible for the actual results based on the use of these guidelines.

Notes:

- 1) It is recommended that you first test LED density in sample letter/cabinet to evaluate brightness, uniformity and color.
- 2) Should you have questions or require assistance in testing, please contact your SloanLED customer service representative.
- 3) Products can be used in can depths deeper or shallower than listed above, but testing is recommended.



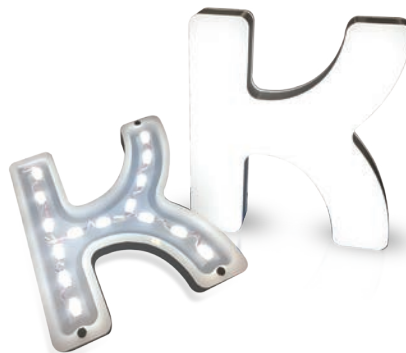
Use the online SloanLED Layout Estimator to get a quick SloanLED

Channel Letter

SloanLED Prism Nano

LED lighting solution for block acrylic signs and small channel letters

- Designed for applications as shallow as 25 mm (1")
- Individual modules for easy installation with no soldering and no PCB cutting
- Easy to mount and install on any channel letter shape



Specifications

Part number	7200 K.....	701269-7WNJ1-MB
	6500 K.....	701269-6WNJ1-MB
	5000 K.....	701269-5WNJ1-MB
	4000 K.....	701269-4WNJ1-MB
	3000 K.....	701269-3WNJ1-MB

Dimensions L × W × H 16 mm × 8 mm × 9 mm
(0.63 in × 0.33 in × 0.34 in)

LEDs per module 1

Optimal can depth 25-75 mm (1-3")

Lumens per module (nominal) .. 7200 K, 6500 K, 33
5000 K, 4000 K
3000 K..... 25

Efficacy 7200 K, 6500 K, 106 lm/W
5000 K, 4000 K
3000 K..... 83 lm/W

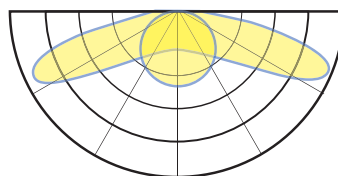
1 U.S. and Canada only.

2 For sign applications, only certified for use outside of U.S. and Canada.

3 Power Output is based on Power Supply loading of three parallel 6.56 ft (2 m) legs.
Actual power draw may depend on loading configuration.

SloanLED channel letter products are covered by US and foreign patents pending and covered by one or more of the following US patents issued: 6,932,495, 7,160,140, 7,241,031, 7,520,771, 7,931,386 and European Patent No. 1756471.

Luminous Intensity Distribution



Visit product page for details.

Power per module 0.31 W

Color temperatures 7200 K, 6500 K, 5000 K, 4000 K, 3000 K

Operating temperature -30° C to +60° C

Protection class IP66

Life rating >60,000 hours

Power capacity 150 modules (6.0 m / 19.7 ft)
per SloanLED 60 W 12 VDC power supply

Fastening Peel-n-stick

Packaging 6.0 m / 19.7 ft (150 modules) per bag,
7 bags per carton



SloanLED SE

Maximum efficiency, low cost solution

- Newest technology with 3 chips in one LED for brighter performance in a small package
- Optimal for applications 125 mm in depth
- Maximum efficiency at price point

Specifications

Part number 701269-6WSK1-MB

Dimensions L × W × H 22 mm × 11 mm × 7 mm
(0.85 in × 0.45 in × 0.28 in)

Viewing angle 120°

LEDs per module 1

Modules per meter/foot 8.2/2.5

Operating temperature -40° C to +70° C

Binning MacAdam Step 3

Power per module 0.43 W

Efficacy 108 lm/W

Power capacity 125 modules (15.2 m/50 ft)
per SloanLED 60 W 12 VDC power supply

Fastening Peel-n-stick

Packaging 6.1 m / 20 ft (50 modules) per tray,
10 trays per carton

Color temperature 6500 K

Lumens per module 46



For photobiological compliance, the illuminance Ethr at RG1/RG2 border is 813 lux.

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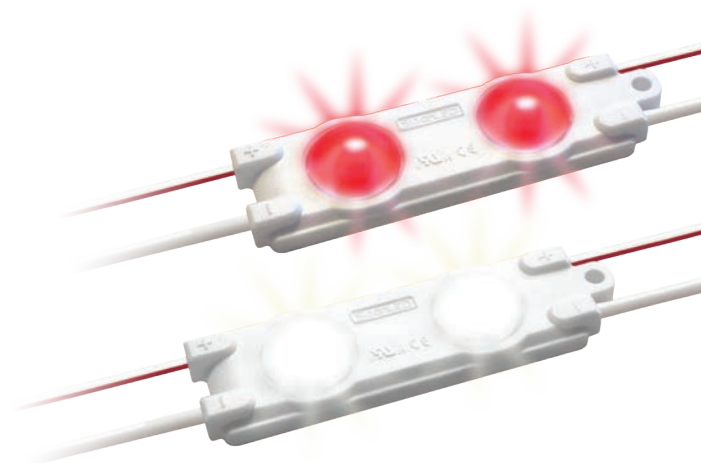
VL Plus 3

Everyday standard face lit solutions

- Most powerful and efficient lighting option in its class
- Ideal for single row, 125 mm (5") deep channel letters
- Use fewer modules for faster installation and lower cost per sign
- Versatile mounting options

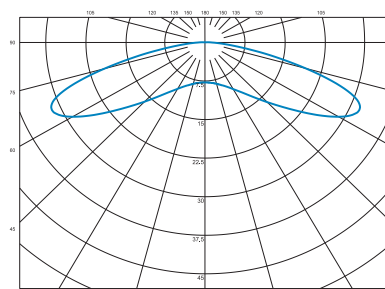
Specifications

Part number	White	701269-6WSA3-MB
	Red	701269-RDSA3-MB
Dimensions L x W x H	55 mm x 17 mm x 7 mm (2.16 in x 0.68 in x 0.28 in)	
Viewing angle	160°	
LEDs per module	2	
Modules per meter/foot	4.6 / 1.4	
Maximum coverage per row	Can depth	127 mm (5 in)
	Coverage	254 mm (10 in)
Operating temperature	-40° C to +70° C	
Power per module	White	1.04 W
	Red	0.63 W
Efficacy	White	103 lm/W
	Red	32 lm/W
Protection class	IP66	
Life rating	>60,000 hours	
Power capacity	White	52 modules (11.3 m / 37.1 ft) per SloanLED 60 W 12 VDC power supply
	Red	86 modules (18.7 m / 61.4 ft) per SloanLED 60 W 12 VDC power supply
Fastening	Peel-n-stick and mechanical	



Packaging	White	11.3 m / 37.1 ft (52 modules) per bag, 25 bags per carton
	Red	18.7 m / 61.4 ft (86 modules) per bag, 15 bags per carton
Color temperature/ nominal wavelength	White	6500 K
	Red	623 nm
Lumens per module	White	107
	Red	20

Luminous Intensity Distribution



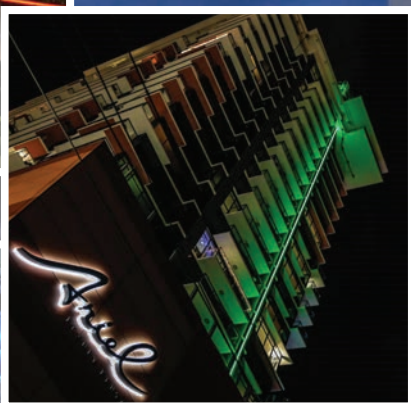
SloanLED channel letter products are covered by US and foreign patents pending and covered by one or more of the following US patents issued: 6,932,495, 7,160,140, 7,241,031, 7,520,771, 7,931,386 and European Patent No. 1756471.



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Visit [product page](#) for details.

Border Tube & Accent

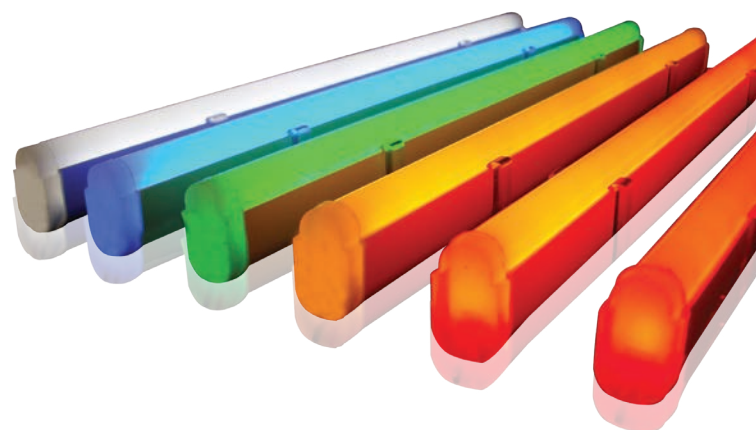
Border tubing and accent LED lighting allows for creative sign solutions. SloanLED offers three LED tubing solutions to fit your application.



ColorLINE

Neon-inspired tubing

- **NEW** Classic colors retain hue in daytime
- Standard colors revert to neutral, frosted white when non-illuminated
- Slim profile similar to standard neon
- High impact acrylic: UV stable, hydrocarbon insensitive, and non-fading
- Product can be cut to custom lengths in the field



Specifications

Dimensions..... Width.....11 mm (0.44 in)
Base width.....15 mm (0.59 in)
Height.....25 mm (1.00 in)
Lengths.....0.6 m (2 ft); 1.2 m (4 ft);
1.8 m (6 ft); 2.4 m (8 ft)

Factory bends..... 245 mm (9.75 in) radius (radial and flat bend)

Approx. cut increments 60 mm (2.4 in)

In-field bends..... Radial bend.....5.8 m (19 ft)
Flat bend.....1.8 m (6 ft)

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

Protection class IP66

Binning..... MacAdam Step 3¹

Power per meter/foot 7.5 W/ 2.28 W

Power capacity 7.3 m (24 ft) per SloanLED 60 W
12 VDC power supply

Colors..... **Standard**.....Red, Orange, Yellow, Green,
Blue, White, Warm White
Classic.....Ruby Red, Citrus Orange,
Noviol Gold, Emerald Green,
Bromo Blue

Mounting..... Dual-position mounting clips (400381-25)
orient in two directions

Accessories..... Snap-on, frosted joint covers (701807) for clean finish
Illuminated mitered corners:
**Red/Ruby Red, Orange/Citrus Orange, Yellow/Noviol Gold,
Emerald Green, Bromo Blue, White, Warm White**
Inside corner..... 701800-IC-Color
Outside corner..... 701800-OC-Color
Step corner701800-SC-Color
Green, Blue
Inside corner..... 701800A-IC-Color
Outside corner..... 701800A-OC-Color
Step corner701800A-SC-Color

¹ White (P/N 701800-W-X) and Warm White (P/N 701800-WW-X) only.



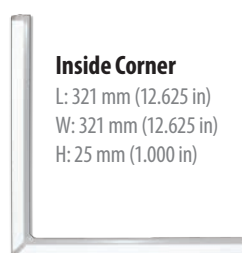
ColorLINE is covered by US and foreign patents pending and covered by the following US patents issued: 6,776,504, 6,969,179, and 7,192,157

Ordering information

Standard Colors		Classic Colors	
Color	Part number	Color	Part number
Red	701800-R-X	Ruby Red	701800C-R-X
Orange	701800-O-X	Citrus Orange	701800C-O-X
Yellow	701800-Y-X	Noviol Gold	701800C-Y-X
Green	701800A-G-X	Emerald Green	701800C-G-X
Blue	701800A-B-X	Bromo Blue	701800C-B-X
White	701800-W-X	NOTE: X = desired length. See table below for length codes.	
Warm White	701800-WW-X		

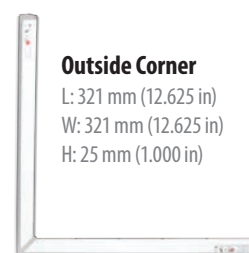
Code	Item description	Actual length
2	0.6-m (2-ft) Tube	626 mm (24.66 in)
4	1.2-m (4-ft) Tube	1236 mm (48.66 in)
6	1.8-m (6-ft) Tube	1846 mm (72.66 in)
8	2.4-m (8-ft) Tube	2455 mm (96.66 in)

Accessories



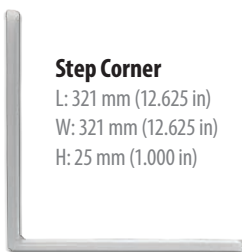
Inside Corner

L: 321 mm (12.625 in)
W: 321 mm (12.625 in)
H: 25 mm (1.000 in)



Outside Corner

L: 321 mm (12.625 in)
W: 321 mm (12.625 in)
H: 25 mm (1.000 in)



Step Corner

L: 321 mm (12.625 in)
W: 321 mm (12.625 in)
H: 25 mm (1.000 in)



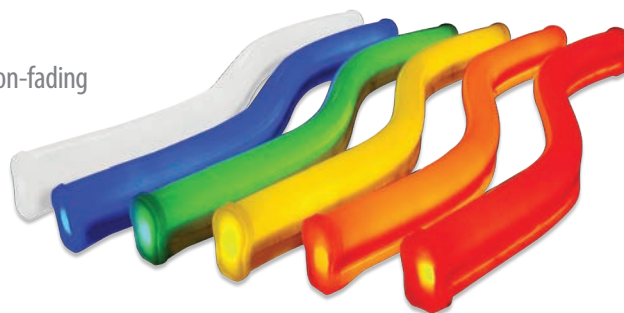
Mounting Clip

400381-25

FlexiBRITE

Flexible LED tubing

- Colors retain hue in the daytime
- Optically modified silicone extrusion: UV stable, hydrocarbon insensitive, and non-fading
- Extremely flexible LED tubing
- Convenient mounting clips and mounting tracks
- Product can be cut to custom lengths in the field



Specifications

Part number	Ruby Red Kit	701499-R-Size
	Citrus Orange Kit	701499C-O-Size
	Noviol Gold Kit	701499C-Y-Size
	Emerald Green Kit	701499D-G-Size
	Bromo Blue Kit	701499D-B-Size
	Snow White Kit	701499D-W-Size
Dimensions	Width	15 mm (0.6 in)
	Base width	13 mm (0.5 in)
	Height	25 mm (1.0 in)
	Lengths	0.6-m (2-ft); 3.0-m (10-ft)
In-field bends	Radial bend	305 mm (12 in)
	Flat bend	25 mm (1 in)
Operating temperature	-40° C to +70° C	
Protection class	IP66	
Power per meter/foot	9.2 W/2.8 W	
Power capacity	6 m (20 ft) per SloanLED 60 W 12 VDC power supply	

Colors	Ruby Red, Citrus Orange, Noviol Gold, Emerald Green, Bromo Blue, Snow White
Mounting	Mounting Clips 701572-25
	Mounting Track 701456-10
Packaging	0.6-m (2-ft) or 3.0-m (10-ft) kit with end caps and mounting clips (3.0-m [10-ft] kit includes 2 end caps and 25 mounting clips, 0.6-m [2-ft] kit includes 2 end caps and 6 mounting clips)

Item description	Cut increments
Ruby Red, Citrus Orange, Noviol Gold Kits	50 mm (2 in)
Emerald Green, Bromo Blue, Snow White Kits	38 mm (1.5 in)



FlexiBRITE is covered by US and foreign patents pending and covered by the following US patents issued: 6,776,504 and 7,213,941 and European Patent No. 1756471

Accessories



Mounting Clip
701572-25



Mounting Track
701456-10

LEDStripe

Large-profile LED tubing

- **NEW** colors: Pink, Purple, and True Yellow
- Daytime color when non-illuminated
- High impact acrylic: UV stable, hydrocarbon insensitive, and non-fading
- Can be factory bent to minimum 305 mm (12 in) radius
- Product can be cut to custom lengths in the field



Specifications

Dimensions	Width	25 mm (1.00 in)
	Height	43 mm (1.68 in)
	Lengths	0.3-m (1-ft); 0.6-m (2-ft); 1.2-m (4-ft); 1.8-m (6-ft) 2.4-m (8-ft); 3.0-m (10-ft)

Factory bends..... 305 mm (12 in) radius (radial and flat bend)

In-field bends..... Radial bend.....4.25 m (14 ft)
Flat bend.....5.8 m (19 ft)

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

Protection class IP66

Binning..... MacAdam Step 3¹

Power per meter/foot 5.0 W/1.5 W (except 0.3-m [1-ft] piece at
3.0 W on average)

Power capacity 18.3 m (60 ft) per SloanLED 100 W 24 VDC power supply

Colors Red, Pink, Orange, Amber, True Yellow, Green,
Blue, Purple, White (6500 K), Lemon Yellow

Mounting..... Round.....701156
pre-mounting buttons
Slide and mount ..400775
rectangle mounting buttons

Accessories Snap-on, colored joint and corner covers for clean finish:
Joint.....701361-X
Outside corner701362-X
Inside corner701363-X
Step corner701364-X

¹ Purple (P/N 701189-PR-X), White (P/N 701189E-W-X), and True Yellow (P/N 701189-YT-X) only.

Item description	Approx. cut increments ¹	Actual length
0.3-m (1-ft) Tube	25 mm (1 in)	33.0 cm (13.0 in)
0.6-m (2-ft) Tube		63.5 cm (25.0 in)
1.2-m (4-ft) Tube		124.5 cm (49.0 in)
1.8-m (6-ft) Tube	75 mm (3 in)	186.7 cm (73.5 in)
2.4-m (8-ft) Tube		247.7 cm (97.5 in)
3.0-m (10-ft) Tube		308.6 cm (121.5 in)

Color Chart

	Color	Part number ²
	Red	701189-xH
	Pink	701189-PK-x
	Orange	701189-A-xD
	Amber	701189-Y-xD
	True Yellow	701189-YT-x
	Green	701189A-G-xD
	Blue	701189A-B-xD
	Purple	701189-PR-x
	White	701189E-W-x
	Lemon Yellow	701189E-WY-x

Lemon Yellow illuminates lighter than its daytime color

² "x" in part number denotes length (0.3-m [1-ft]; 0.6-m [2-ft]; 1.2-m [4-ft]; 1.8-m [6-ft]; 2.4-m [8-ft]; or 3.0-m [10-ft])

Lemon Yellow daytime color is Amber



LEDStripe is covered by US and foreign patents pending and covered by the following US patents issued: 6,776,504, 6,969,179, and 7,192,157

Accessories

Joint & Corner Covers



Mounting Buttons



Power Supplies

SloanLED power supplies are engineered to last and are among the most rugged in their class.

SloanLED Power Supplies

Specifications

12 VDC – Compatible with SloanLED 12 VDC products

Model	Part number	Dimensions	Nominal input voltage	Max. input current	Power output	Location rating	Operating temperature	Protection class
Self-Contained 20 W	701680	118 mm × 35 mm × 26 mm (4.65 in × 1.38 in × 1.03 in)	100-240 VAC, 50-60 Hz	0.55 A	20 W @ 12 VDC, Class 2 output ¹	Dry and damp locations	-30° C to +60° C	IP67
Compact 12/25 W⁴	410174	148 mm × 40 mm × 32 mm (5.83 in × 1.58 in × 1.26 in)	100-277 VAC, 50-60 Hz	0.40 A	25 W @ 12 VDC, Class 2 output	Dry and damp locations	-40° C to +70° C	IP67
60C1 60 W	701507-60C1	142 mm × 46 mm × 33 mm (5.6 in × 1.8 in × 1.3 in)	100-277 VAC, 50-60 Hz	0.80 A	60 W @ 12 VDC, Class 2 output ¹	Dry and damp locations	-40° C to +60° C, natural convection cooling	IP54
60W1 60 W	701507-60W1	264 mm × 51 mm × 37 mm (10.40 in × 1.99 in × 1.45 in)	100-240 VAC, 50-60 Hz	0.85 A	60 W @ 12 VDC, Class 2 output ¹	Dry, damp, and wet locations	-40° C to +60° C	IP68
60W2 60 W	701507-60W2	268 mm × 58 mm × 50 mm (10.55 in × 2.28 in × 1.98 in)	100-277 VAC, 50-60 Hz	0.80 A	60 W @ 12 VDC, Class 2 output ¹	Dry, damp, and wet locations	-40° C to +60° C, Derate to 50% of max load at +70° C	IP68
MOD277 60 W	701507-MOD277	267 mm × 64 mm × 38 mm (10.5 in × 2.5 in × 1.5 in)	277-347 VAC, 50-60 Hz	0.50 A	60 W @ 12 VDC, Class 2 output ¹	Dry, damp, and wet locations	-40° C to +60° C	IP68
MODW(E)² 60 W	701507-MODW(E)	229 mm × 64 mm × 38 mm (9.0 in × 2.5 in × 1.5 in)	100-240 VAC, 50-60 Hz	1.00 A	60 W @ 12 VDC, Class 2 output ¹	Dry, damp, and wet locations	-40° C to +60° C	IP68
120D1 120 W	701507-120D1	244 mm × 56 mm × 43 mm (9.6 in × 2.2 in × 1.7 in)	100-277 VAC, 50-60 Hz	1.70 A	120 W @ 12 VDC, two (2) Class 2 outputs ¹	Dry and damp locations	-40° C to +60° C, natural convection cooling	IP54

24 VDC – Compatible with SloanLED 24 VDC products

Model	Part number	Dimensions	Nominal input voltage	Max. input current	Power output	Location rating	Operating temperature	Protection class
24 VDC 100 W <i>Dry, damp, and wet</i>	701895-24C	260 mm × 44 mm × 30 mm (10.25 in × 1.73 in × 1.19 in)	100-240 VAC, 50-60 Hz	2.0 A	100 W @ 24 VDC, Class 2 output ¹	Dry, damp, and wet locations	-30° C to +60° C	IP68
24 VDC 100 W <i>Dry and damp</i>	701936	240 mm × 43 mm × 28 mm (9.45 in × 1.76 in × 1.1 in)	120-277 VAC, 50-60 Hz	0.95 A @ 120 V, 0.40 A @ 277 V	100 W @ 24 VDC, Class 2 output ¹	Dry and damp locations	-40° C to +50° C	IP54 ³
Compact 24/40 W⁴	410175	163 mm × 43 mm × 32 mm (6.40 in × 1.70 in × 1.26 in)	100-277 VAC, 50-60 Hz	0.6 A	40 W @ 24 VDC, Class 2 output ¹	Dry and damp locations	-40° C to +60° C ambient (Derate to 80% of max load at +60° C)	IP67

1 North America only.

2 3rd part independent testing: Approved thermal shock, approved underwater thermal cycling.

3 Nominally.

4 For sign applications, only certified for use outside of U.S. and Canada.

Wire Gauge Distance Chart

for Power Limited Tray Cable (PLTC)

When the distance increases between the secondary side of the power supply and the first LED in a letter or the beginning of a tubing run, the gauge or wire needed will change as follows:

24 VDC, 60W1, 60W2, Compact 24/40, MOD277, & MODW(E)

Distance from power supply	Wire gauge
0 m (0 ft) to 4.6 m (15 ft) 18 AWG (1 mm ²) + 1.5 m (5 ft) of 18 AWG (1 mm ²)	18
4.6 m (15 ft) to 15.2 m (50 ft) 14 AWG (2.5 mm ²) + 1.5 m (5 ft) of 18 AWG (1 mm ²)	14
15.2 m (50 ft) to 30.5 m (100 ft) 12 AWG (4 mm ²) + 1.5 m (5 ft) of 18 AWG (1 mm ²)	12
30.5 m (100 ft) to 45.7 m (150 ft) 10 AWG (6 mm ²) + 1.5 m (5 ft) of 18 AWG (1 mm ²)	10

NOTE: MODW(E), 60W1, 60W2, MOD277, and 701895 power supplies come from the factory with 1.5 m (5 ft) of 18 AWG (1 mm²) wire in place on the secondary side. 410175 power supply comes from the factory with 0.3 m (1 ft) of 18 AWG (1 mm²) wire in place on the secondary side.

60C1, 120D1, Compact 12/25, & Self-Contained 20

Distance from power supply	Wire gauge
0 m (0 ft) to 4.6 m (15 ft) 18 AWG (1 mm ²) + 203 mm (8 in) of 18 AWG (1 mm ²)	18
4.6 m (15 ft) to 15.2 m (50 ft) 14 AWG (2.5 mm ²) + 203 mm (8 in) of 18 AWG (1 mm ²)	14
15.2 m (50 ft) to 36.6 m (120 ft) 12 AWG (4 mm ²) + 203 mm (8 in) of 18 AWG (1 mm ²)	12
36.6 m (120 ft) to 45.7 m (150 ft) 10 AWG (6 mm ²) + 203 mm (8 in) of 18 AWG (1 mm ²)	10

NOTE: 60C1, 120D1, Compact 12/25, and Self-Contained 20 power supplies come from the factory with 203 mm (8 in) of 18 AWG (1 mm²) wire in place on the secondary side.

Sign Cabinet / Box

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

Large, shallow fabric-faced light box illumination

- Bright, even illumination in large cabinets with depths as shallow as 75 mm (3 in) for single-sided applications, 100 mm (4 in) for double-sided applications, and up to 3 m (10 ft) in height
- High efficiency and long life
- Built-in module spacer eliminates measuring, yielding perfect results every time



Specifications

Part number	Short	701946-6WSRP1
	Long	701946-6WLRP1
Dimensions L × W × H	Short	251 mm × 38 mm × 19 mm (9.89 in × 1.50 in × 0.74 in)
	Long	501 mm × 38 mm × 19 mm (19.73 in × 1.50 in × 0.74 in)
Viewing angle	12.2° × 44.8° illumination	
LEDs per assembly	Short	3
	Long	6
Color temperature (nominal)	6500 K	
Minimum cabinet depth	Single-sided	75 mm (3 in)
	Double-sided	100 mm (4 in)
Operating temperature	-40° C to +70° C	
Protection class	IP66	
Life rating	>60,000 hours	

Power per module	Short	7.2 W
	Long	14.0 W
Efficacy	Short	118 lm/W
	Long	121 lm/W
Power capacity ¹	Per SloanLED 100 W 24 VDC power supply	
	Short	6 modules
	Long	6 modules
Fastening	Mechanical fasteners, Peel-n-stick (optional)	
Packaging	6 assemblies per tray, 5 trays per carton	
Lumens per assembly	Short	850
	Long	1700

¹ Any combination thereof not to exceed power rating of power supply.



Green Signage 

PosterBOX™ 3 is licensed under: Patents CN200680037992.9, DE202006020673.6, NL1030161, US6932495,



PosterBOX

Side illumination for shallow or narrow light boxes

- Side illuminated lighting for shallow to standard sign cabinets 100 mm (4") to 200 mm (8") in depth
- Fanflare™ technology projects light in a fan pattern to evenly illuminate sign face



Specifications

Part number	White (6500 K)	701946-CWPBM
	White (5000 K)	701946-NWPBM
Dimensions L × W × H	220 mm × 44 mm × 23 mm (8.67 in × 1.74 in × 0.92 in)	
LEDs per module	3	
Light coverage¹	1.2 m (4 ft)	
Module spacing	Cabinet depth	Center-to-center
	≤10cm (4 in)	30 cm (12 in)
	>10 cm (4 in) to ≤20 cm (8 in)	45 cm (18 in)
Operating temperature	-40° C to +70° C	
Protection class	IP66	
Special feature	FanFlare lens technology	
Power per module	6.7 W	
Efficacy	82 lm/W	
Power capacity	8 modules per SloanLED 60 W 12 VDC power supply	
Fastening	Peel-n-stick and mechanical	
Packaging	10 modules and FlareShields™ per carton	
Color temperatures	6500 K, 5000 K	
Lumens per module	550	
Accessory	FlareShield (401059) for shallower applications to eliminate hot spots	

Accessories



FlareShield

401059

Each carton of PosterBOX comes with 10 FlareShields



Green Signage 



Visit product page for details.

PosterBOX Slim 2

Side illumination for shallow or narrow light boxes

- Optimal for single and double-sided sign cabinets as shallow as 50 mm (2"), such as: Indoor textile prints and movie posters



Specifications

Part number	White (6500 K)	701946-6WXL2P
	White (5000 K)	701946-5WXL2P
Dimensions L × W × H	124 mm × 26 mm × 16 mm (4.87 in × 1.00 in × 0.61 in)	
LEDs per module	3	
Light coverage¹	0.6 m (2 ft)	
Modules per meter/foot	6.5 / 2	
Minimum box depth	50 mm (2 in), single or double-sided	
Operating temperature	-40° C to +70° C	
Protection class	IP66	
Viewing angle	15° × 43°	
Power per module	1.8 W	
Efficacy	100 lm/W	
Power capacity	30 modules per SloanLED 60 W 12 VDC power supply	
Fastening	Peel-n-stick and mechanical	
Packaging	38 modules per tray, 3 trays per carton	
Color temperatures	6500 K, 5000 K	
Lumens per module	180	

¹ Testing highly recommended as all substrates and graphics vary.

SignBOX 3

LED illumination for single or double-sided sign boxes

- Micro prism lens technology for bright, uniform illumination, wider spacing, IP66 and IP68 rated¹
- High efficacy at 156 lm/W
- Available in Strapped (single and double-sided) and Module (single-sided) options
- Illuminates 125 mm (5") from face

Specifications

Part number	Strapped single-sided 6500 K	701946-6WSLS1
	5000 K	701946-5WSLS1
Strapped double-sided.....	6500 K	701946-6WDSL1
	5000 K	701946-5WDSL1
Module	6500 K	701946-6WSLT1
	5000 K	701946-5WSLT1

Dimensions L × W × H	Strapped single-sided/	137 mm × 47 mm × 8 mm
	Strapped double-sided	(5.4 in × 1.9 in × 0.3 in)
	60 modules per 18.3 m (60 ft) chain	
Module	104 mm × 35 mm × 10 mm	
	(4.1 in × 1.4 in × 0.4 in)	

LEDs per side 8

Modules per meter (foot)... 3.3 (1)

Coverage per row 305 mm (12 in)

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

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

Protection class IP66 & IP68¹

Binning..... MacAdam Ellipse

Life rating >60,000 hours

Power per module..... Strapped single-sided/Module 1.92 W
Strapped double-sided 3.84 W

Efficacy 156 lm/W

Power capacity **Per SloanLED 100 W 24 VDC power supply**
Strapped single-sided/Module 48 modules
Strapped double-sided 24 modules

Fastening Strapped single and Clips with mechanical fasteners
strapped double-sided
Module Peel-n-stick

Packaging Strapped single..... 60 modules per carton,
and double-sided 40 clips included
Module 3 trays, 48 modules per tray

Color temperatures 6500 K, 5000 K

Lumens per module..... Strapped single-sided/Module 300
Strapped double-sided 600

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

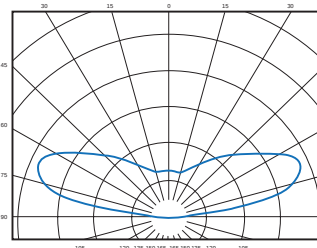
¹ IP68 test parameters are 1.3 m submersion for 30 minutes. Do not mount in submerged application or where module will be directly exposed to prolonged flowing or dripping water.



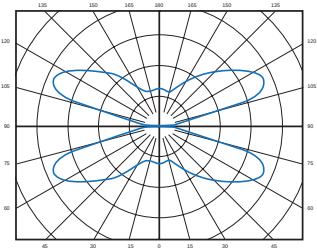
SignBOX™ 3 is covered by US and foreign patents pending.

Luminous Intensity Distribution

Strapped single-sided / Module



Strapped double-sided



Accessories



Bracket
402107-10



Coupler
402108-10



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



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



Visit product page for details.

SignBOX II

LED illumination for single or double-sided sign boxes

- Mounted on flexible straps for easy transportation and installation, saving time and money
- Secures to existing fluorescent wireways or sign structure
- Available in single and double-sided options
- Illuminates 125 mm (5") from face
- Constant Current Technology (CCT)

Specifications

Part number	Single-sided.....6500 K	701946-6WS201
	Single-sided.....5000 K	701946-5WS201
	Double-sided.....6500 K	701946-6WD201
	Double-sided.....5000 K	701946-5WD201

Dimensions L × W × H	216 mm × 26 mm × 8 mm
	(8.5 in × 1.0 in × 0.3 in)
	60 modules per 6.1 m (20 ft) chain

Viewing angle	120°
----------------------------	------

LEDs per module	Single-sided.....3
	Double-sided.....6

Modules per meter (foot)	10 (3)
---------------------------------------	--------

Coverage per row	300 mm (12 in)
-------------------------------	----------------

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

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

Protection class	IP66
-------------------------------	------

Life rating	>60,000 hours
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Special feature	Cuttable in 100 mm (4 in) increments
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Power per module	Single-sided.....0.90 W
	Double-sided.....1.80 W

Efficacy	117 lm/W
-----------------------	----------

Power capacity	Per SloanLED 60 W 12 VDC power supply
	Single-sided.....60 modules
	Double-sided.....30 modules

Fastening	Clamps with mechanical fasteners
------------------------	----------------------------------

Packaging	60 modules per carton, 8 clamps included
------------------------	--

Color temperatures	6500 K, 5000 K
---------------------------------	----------------

Lumens per module	Single-sided.....105
	Double-sided.....210

Mounting hardware	Bracket.....	Bag of 10	401309-10
	Clamp.....	Bag of 16	410155-16
	Coupler	Bag of 10	401330-10



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

Accessories



Clamp

410155-16

Each carton of SignBOX II comes with 8 clamps.



Bracket

401309-10

Optional – Sold in bags of 10.



Coupler

401330-10

Optional – Sold in bags of 10.



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

SignBOX RapidStick

Single or double-sided sign box illumination

- Now available in 12 different sizes
- Bright, even 360-degree illumination
- Uniform illumination at 150 mm (6") from face
- High efficiency and long life
- Fast field retrofits with existing sockets



Specifications

Size (nominal)	Part number	Dimensions L × W × H	LEDs per lamp	Efficacy	Packaging Lamps per carton	Lumens per lamp
0.46 m (18 in)	701972-6WD181	399.3 mm × 50.8 mm × 50.8 mm (15.72 in × 2.00 in × 2.00 in)	16	122 lm/W	16	802
0.61 m (24 in)	701972-6WD241	551.7 mm × 50.8 mm × 50.8 mm (21.72 in × 2.00 in × 2.00 in)	20	127 lm/W	16	1021
0.76 m (30 in)	701972-6WD301	704.1 mm × 50.8 mm × 50.8 mm (27.72 in × 2.00 in × 2.00 in)	28	129 lm/W	16	1430
0.91 m (36 in)	701972-6WD361	856.5 mm × 50.8 mm × 50.8 mm (33.72 in × 2.00 in × 2.00 in)	36	125 lm/W	16	1671
1.07 m (42 in)	701972-6WD421	1008.9 mm × 50.8 mm × 50.8 mm (39.72 in × 2.00 in × 2.00 in)	44	127 lm/W	16	2232
1.22 m (48 in)	701972-6WD481	1161.3 mm × 50.8 mm × 50.8 mm (45.72 in × 2.00 in × 2.00 in)	48	128 lm/W	16	2451
1.52 m (60 in)	701972-6WD601	1466.1 mm × 50.8 mm × 50.8 mm (57.72 in × 2.00 in × 2.00 in)	64	127 lm/W	12	3253
1.63 m (64 in)	701972-6WD641	1567.7 mm × 50.8 mm × 50.8 mm (61.72 in × 2.00 in × 2.00 in)	68	128 lm/W	12	3464
1.83 m (72 in)	701972-6WD721	1770.9 mm × 50.8 mm × 50.8 mm (69.72 in × 2.00 in × 2.00 in)	76	129 lm/W	12	3558
2.13 m (84 in)	701972-6WD841	2075.7 mm × 50.8 mm × 50.8 mm (81.72 in × 2.00 in × 2.00 in)	92	127 lm/W	8	4683
2.44 m (96 in)	701972-6WD961	2380.5 mm × 50.8 mm × 50.8 mm (93.72 in × 2.00 in × 2.00 in)	104	129 lm/W	8	5311
3.05 m (120 in)	701972-6WD1201	2990.1 mm × 50.8 mm × 50.8 mm (117.72 in × 2.00 in × 2.00 in)	132	129 lm/W	8	5337

Viewing angle 360°

Color temperature (nominal) 6500 K

Optimum cabinet depth 406 mm (16") deep (double-sided)

Operating temperature -40° C to +70° C

Life rating >60,000 hours

Fastening Fluorescent lampholders



SignBOX RapidStick is covered by US and foreign patents pending.

SloanLED PrismBEAM

LED solution for retrofitting sign cabinets

- 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
- Product can be cut to custom lengths in the field



Specifications

Lengths		Part number		Modules per assembly		Lumens per assembly		Packaging Lamps per carton
Nominal	Actual	Single-sided	Double-sided	Single-sided	Double-sided	Single-sided	Double-sided	
0.46 m (18 in)	0.40 m (15.72 in)	701972-6WPS181	701972-6WPD181	2	4	360	720	8
0.61 m (24 in)	0.55 m (21.72 in)	701972-6WPS241	701972-6WPD241	3	6	540	1080	8
0.76 m (30 in)	0.70 m (27.72 in)	701972-6WPS301	701972-6WPD301	3	6	540	1080	8
0.91 m (36 in)	0.86 m (33.72 in)	701972-6WPS361	701972-6WPD361	4	8	720	1440	8
1.07 m (42 in)	1.01 m (39.72 in)	701972-6WPS421	701972-6WPD421	5	10	900	1800	8
1.22 m (48 in)	1.16 m (45.72 in)	701972-6WPS481	701972-6WPD481	6	12	1080	2160	16
1.52 m (60 in)	1.47 m (57.72 in)	701972-6WPS601	701972-6WPD601	7	14	1260	2520	16
1.63 m (64 in)	1.57 m (61.72 in)	701972-6WPS641	701972-6WPD641	8	16	1440	2880	8
1.83 m (72 in)	1.77 m (69.72 in)	701972-6WPS721	701972-6WPD721	9	18	1620	3240	16
2.13 m (84 in)	2.08 m (81.72 in)	701972-6WPS841	701972-6WPD841	10	20	1800	3600	8
2.44 m (96 in)	2.38 m (93.72 in)	701972-6WPS961	701972-6WPD961	12	24	2160	4320	16
2.74 m (108 in)	2.69 m (105.72 in)	701972-6WPS1081	701972-6WPD1081	13	26	2340	4680	8
2.97 m (117 in)	2.91 m (114.72 in)	701972-6WPS1171	701972-6WPD1171	14	28	2520	5040	8
3.05 m (120 in)	2.99 m (117.72 in)	701972-6WPS1201	701972-6WPD1201	14	28	2520	5040	8

Dimensions W × H **Single-sided** 19 mm × 21 mm
(0.75 in × 0.81 in)
..... **Double-sided** 19 mm × 32 mm
(0.75 in × 1.27 in)

Efficacy 107 lm/W

Color temperature (nominal) 6500 K

Optimum cabinet depth **Single-sided** 127-203 mm (5-8")
..... **Double-sided** 254-406 mm (10-16")

Operating temperature -40° C to +60° C

Protection class IP66 & IP68¹

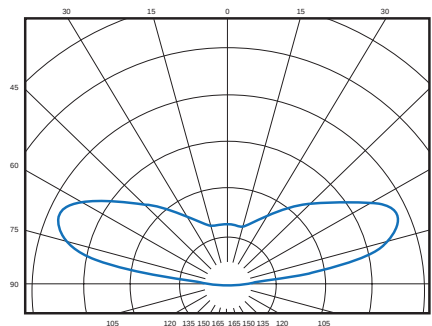
Binning MacAdam Step 3

Life rating >60,000 hours

Fastening Fluorescent lampholders



Luminous Intensity Distribution



1 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.

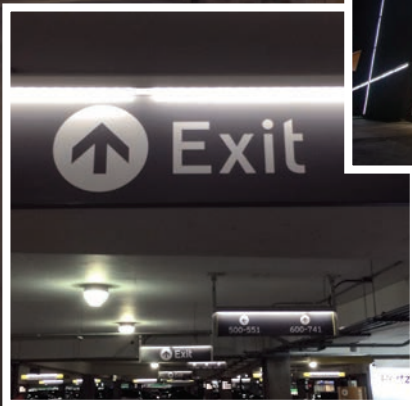
Accessories



Bracket
402231-10
Optional – Sold in bags of 10.

Fluorescent Alternative

Fluorescent alternative LED lighting is a great solution for illuminating cove, awning, and wall wash applications or to highlight non-illuminated signs. It's easy to install and is a great solution for new and retrofit applications.



HighLINER 2

Outdoor and indoor linear lighting

- Easy installation for both new construction and retrofit
- Improves walkway and aisle visibility and building aesthetics
- Fits easily into new or existing interior and exterior spaces
- Saves up to 64% energy compared with typical fluorescent fixtures
- Lightweight fixture illuminates soffits evenly

Specifications

Part number	1.2 m (4')	5000 K	701912-C1I75
	1.2 m (4')	3500 K	701912-35C2I75
	0.3 m (1')	5000 K	701912-L1C1I75
	0.3 m (1')	3500 K	701912-L135C2I75
Dimensions L × W × H	1.2 m (4')	1160 mm × 60 mm × 28 mm (45.70 in × 2.38 in × 1.12 in)	
	0.3 m (1')	304 mm × 60 mm × 28 mm (11.98 in × 2.38 in × 1.12 in)	

Electrical

Input voltage	24 VDC		
Input power		System ¹	Luminaire ²
	1.2 m (4')	17 W	14.4 W
	0.3 m (1')	4 W	3.6 W
System Efficacy	5000 K	105 lm/W	
	3500 K	93 lm/W	

Lighting

Light output (lumens)³		5000 K	3500 K
	1.2 m (4')	1792	1582
	0.3 m (1')	448	395

Light distribution Linear

Color temperatures 5000 K, 3500 K

Color rendering (CRI) 5000 K.....80
3500 K.....>70

Performance

Ingress protection IP66 & IP68⁴

UL location rating Dry, damp, and wet locations

Operating temperature -25° C to 50° C

Life rating 100,000 hours (L₇₀)⁵

Dimming Optional Motion Sensing
(see Cold Series Dimming Control data sheet)

¹ For calculating the maximum number of luminaires that can be connected to the branch circuit, use the SYSTEM INPUT POWER.
² For calculating the maximum number of luminaires that can be connected to a power supply, use the LUMINAIRE INPUT POWER.
³ Tolerance range for optical and electrical data: ±15%.
⁴ IP66 & IP68 ratings provide protection for extreme outdoor and wet applications (e.g., car wash) or harsh weather exposure. Do not mount in a submerged application.
⁵ Based on LED component manufacturer data.
⁶ 1.2 m (4 ft): 6 units per SloanLED 100 W 24 VDC power supply. 0.3 m (1 ft): 24 units per SloanLED 100 24 VDC power supply.
⁷ May require an L-bracket (not included) for mounting.
⁸ Alternative for 400661. Cat 5 cabling to the sensor not included.
⁹ For sign applications, only certified for use outside of U.S. and Canada.



Construction

Housing Acrylic, impact modified with UV stabilization

Body color White

Mounting

Mounting	1.2 m (4')	Mounting clips (3 incl.), Wire nut housing (2 incl.)
	0.3 m (1')	Mounting clips (2 incl.), Wire nut housing (2 incl.)

Documentation

Warranty 5-year limited

Agency listings UL, NSF/ANSI 2, ETL, CE,
DesignLights Consortium® (DLC), RoHS

Files available LM-79, LM-80, IES



Power Supplies⁶

Item description	Part number
100 W	701895-24C

Dimming

Item description	Part number
Dimming Controller	701890-PWR
Occupancy Sensor, Standard ⁷	400661
Occupancy Sensor, Wide Angle ⁸	400964

Accessories



Mounting Clip

400686

Three (3) included with 1.2 m (4 ft) assembly
Two (2) included with 0.3 m (1 ft) assembly



Wire Nut Housing

400860

Two (2) included with 1.2 m (4 ft) assembly
Two (2) included with 0.3 m (1 ft) assembly

SlimLINER

Low-profile outdoor and indoor

- Fast, easy installation with versatile mounting options
- Can be cut in the field to custom lengths
- Slim, lightweight, low-profile fixture illuminates awnings evenly
- 305 mm (12") bend radius
- Constant Current Technology (CCT)

Specifications

Part number	5000 K..... 701956-5WL461
	3500 K..... 701956-3WL461
Dimensions L × W × H	1168 mm × 23 mm × 9 mm
	(46 in × 0.89 in × 0.35 in)
Lumens per fixture	5000 K..... 970
	3500 K..... 825
In-field bends	Radial bend..... 305 mm (12 in)
Color temperatures (nominal) ..	5000 K, 3500 K
Color rendering index (CRI)	5000 K..... 70 (nominal)
	3500 K..... 82 (nominal)
Estimated product lifetime	50,000 hours (L ₇₀)
Operating temperature	-40° C to 70° C
Protection class	IP66 & IP68 ¹
Special feature	Cutttable every 150 mm (6 in) for two usable sides
Power	7.4 W per meter (2.25 W per foot), 9.0 W per fixture
Efficacy	5000 K..... 108 lm/W
	3500 K..... 92 lm/W
Fastening	Peel-n-stick or mounting clips (401203), 4 included with each unit
Power capacity	6 units per SloanLED 60 W 12 VDC power supply



¹ IP66 & IP68 ratings provide protection for extreme outdoor and wet applications or harsh weather exposure. Do not mount in a submerged application.

Accessories



Mounting Clip

401203

Four (4) included with each unit.
Sold in bags of 25.

Outdoor Area

SloanLED outdoor area LED lighting systems capture customer attention with consistent and bright illumination, in addition to providing sizable energy savings over non-LED fixtures.



Revolutionary design for powerful solutions.

PDL3 MODUS sets new standards with its slim, lightweight, 25 mm (1") design, and optimized radiation pattern; and unlike other surface mounting fixtures, L₇₀ life rating is based on the highest brightness setting, and at the maximum ambient temperature, ensuring superior performance and reliability. This IP68-rated, surface mounting fixture is virtually maintenance free and sealed to keep out bugs, dust, and water.

- Designed for fast, one person installation, without the need for site surveys
- Power Module allows each driver solution to have three lumen settings without hardware replacement
- Faster ROI, industry leading warranty, and virtually no maintenance
- **Energy savings up to 250% over typical HID fixtures**



Standard



High Output

1. Select a fixture

PDL3 MODUS	Clear.....	701948-5WCWT3-M
	Textured	701948-5WTWT3-M
PDL3 MODUS High Output	Clear, White	701948-5WCWT3-MH
	Textured, White.....	701948-5WTWT3-MH
	Clear, Bronze.....	701948-5WCBZ3-MH
	Textured, Bronze	701948-5WTBZ3-MH

2. Select a power supply solution

Power Supply Solution

Description	For use with	Code	Wattage	Part number
MOD1 Global Petroleum Canopy	PDL3 MODUS Standard	MOD 1.1	75 W	601071
		MOD 1.2	150 W	601072
	PDL3 MODUS HO	MOD 1.3	200 W	601073
MOD2 North American Petroleum Canopy	PDL3 MODUS Standard	MOD 2.1	75 W	601074
		MOD 2.2	150 W	601075
	PDL3 MODUS HO	MOD 2.3	200 W	601076
MOD3 North American Walk-In Cooler	PDL3 MODUS Standard	MOD 3.1	75 W	601077
		MOD 3.2	150 W	601078
	PDL3 MODUS HO	MOD 3.3	200 W	601079
MOD4 North American Parking Garage/ Surface Mount	PDL3 MODUS Standard	MOD 4.1	75 W	601080
		MOD 4.2	150 W	601081
	PDL3 MODUS HO	MOD 4.3	200 W	601082
MOD4 Global Parking Garage/Surface Mount	PDL3 MODUS Standard	MOD 4.4	75 W	601088
		MOD 4.5	150 W	601089
	PDL3 MODUS HO	MOD 4.6	200 W	601090
MOD5 North American Shoebox Retrofit	PDL3 MODUS Standard	MOD 5.1	75 W	601083
		MOD 5.2	150 W	601084
	PDL3 MODUS HO	MOD 5.3	200 W	601085

3. Select accessories

Accessories

Item description	Part number
Mounting Plate, 700 mm	401568-700
Mounting Plate, Bronze, 700 mm	401568-700MH
Shoebox Mounting Plate	401397
Blank Plate (De-lamping)	401219
Blank Plate, Bronze (De-lamping)	401219-BZ
Install Template ²	401398
EU Waterproof Junction Box	701952-EU

Dimming Accessories¹

Item description	Part number
Dimming Controller for 75 W Power Supply	601092
Dimming Controller for 150 W Power Supply	601093
Dimming Controller for 200 W Power Supply	601094
Occupancy Sensor	701953

¹ Power supply solution not included.

² Dimming controller replaces the Power Module. Dimming controller box fits inside housings of MOD 2, MOD 3, and MOD 4. To install dimming controller on MOD 1, a plastic enclosure must be used (P/N 701952-EU).

PDL3 MODUS

Specifications

Electrical	75 W Mod	150 W Mod
System power settings	36 W, 51 W, 66 W	88 W, 105 W, 125 W
System efficacy	140 lm/W (36 W) 137 lm/W (51 W) 136 lm/W (66 W)	133 lm/W (88 W) 125 lm/W (105 W) 122 lm/W (125 W)
Input voltage	100-277 VAC, 50-60 Hz	
Lighting ¹	75 W Mod	150 W Mod
Light output (lm/W)	5,000 Lumens (36 W) 7,000 Lumens (51 W) 9,000 Lumens (66 W)	11,700 Lumens (88 W) 13,100 Lumens (105 W) 15,200 Lumens (125 W)
Light distribution	Symmetric (Type 5)	
Color	5000 K CCT	
Color rendering	70 CRI	
Performance	75 W Mod	150 W Mod
Operating temperature	-40° C to 60° C (36 W) -40° C to 55° C (51 W) -40° C to 50° C (66 W)	-40° C to 60° C (88 W) -40° C to 55° C (105 W) -40° C to 50° C (125 W)
Ingress protection	IP68 (highest dust and water protection)	
UL location rating	Suitable for wet locations	
Life rating	100,000 hours (L ₇₀) ² at maximum operating conditions	
Dimming (optional)	1-10 VDC control on power supply	
Construction		
Frame	Die cast aluminum	
Heat plate	Aluminum	
Finish	White, powder coated for extreme conditions	
Lens	Tempered glass	
Dimensions W × H	406 mm (16") square × 25 mm (1")	
Mounting		
Light	4 self-drilling sheet metal screws	
Power supply	Based on your application, choose the correct MOD version for your power supply needs	
Documentation		
Warranty	10-year limited	
Agency listings	cULus, CE, ENEC, RoHS, Title 24 Compliant	
Files available	LM-79, LM-80, IES	

¹ Lighting data pending third party verification.

² Based on LED component manufacturer data.



PDL3 MODUS High Output

Specifications

Electrical	200 W Mod
System power settings	123 W, 141 W, 164 W
System efficacy	147 lm/W (123 W) 145 lm/W (141 W) 141 lm/W (164 W)
Input voltage	100-277 VAC, 50-60 Hz
Lighting¹	200 W Mod
Light output (lm/W)	18,100 Lumens (123 W) 20,400 Lumens (141 W) 23,100 Lumens (164 W)
Light distribution	Symmetric (Type 5)
Color	5000 K CCT
Color rendering	70 CRI
Performance	200 W Mod
Operating temperature	-40° C to 60° C (123 W) -40° C to 50° C (141 W) -40° C to 40° C (164 W)
Ingress protection	IP68 (highest dust and water protection)
UL location rating	Suitable for wet locations
Life rating	60,000 hours (L ₇₀) ² at maximum operating conditions
Dimming (optional)	1-10 VDC control on power supply
Construction	
Frame	Die cast aluminum
Heat plate	Aluminum
Finish	White or Bronze, powder coated for extreme conditions
Lens	Tempered glass
Dimensions W × H	406 mm (16") square × 25 mm (1")
Mounting	
Light	4 self-drilling sheet metal screws
Power supply	Based on your application, choose the correct MOD version for your power supply needs
Documentation	
Warranty	10-year limited
Agency listings	cULus, CE, ENEC, RoHS, Title 24 Compliant
Files available	LM-79, LM-80, IES

PML3 Paladin

LED pole mount family for area lighting

- Increases visibility at entrances, in the parking area, and along the property perimeter
- Complete family of options, providing the ideal solution for your area lighting needs, regardless of project scale
- 5-year limited warranty
- *Saves up to 80% energy compared with typical HID fixtures*

Specifications

Electrical

Input voltage 100-240 VAC, 50-60 Hz

Size	System power	System efficacy	Inrush current
200 W	212.3 W	99.3 lm/W	30 A
160 W	153.5 W	107.3 lm/W	65 A
120 W	116.9 W	105.6 lm/W	60 A
90 W	89.5 W	103.7 lm/W	60 A
60 W	55 W	110.3 lm/W	55 A
40 W	37 W	120.0 lm/W	50 A
30 W	32 W	122.0 lm/W	50 A

Lighting

Size	Light output (nominal)	Pole height & Lux correlation						
		3.6 m (12')	4.5 m (15')	6.0 m (20')	7.6 m (25')	9.0 m (30')	10.5 m (35')	12 m (40')
200 W	21,074 Lumens	414	271	156	105	70	66	61
160 W	16,464 Lumens	330	212	123	82	55	51	46
120 W	12,347 Lumens	253	165	97	64	43	47	41
90 W	9,283 Lumens	195	128	74	49	33	41	32
60 W	6,064 Lumens	93	70	49	34	20	23	15
40 W	4,443 Lumens	68	51	36	25	15	20	14
30 W	3,901 Lumens	59	44	31	22	13	13	9

Light distribution Type III and Type V

Color temperature (CCT) 5000 K

Color rendering (CRI) >75

Performance

Ingress protection IP66

IK Code IK09

Operating temperature -35° C to 50° C

Life rating 70,000 hours (L₇₀)¹

¹ Based on LED component manufacturer data.



Construction

Body Die cast aluminum

Body colors Silver and White

Dimensions L × W × H **Large** 878 mm × 402 mm × 182 mm (34.5" × 15.8" × 7.15")
Medium 758 mm × 332 mm × 167 mm (29.8" × 13.1" × 6.6")
Small 628 mm × 266 mm × 160 mm (24.7" × 10.5" × 6.3")

Weight **Large** 15.6 kg

Medium 10.5 kg

Small 10.1 kg

Mounting

Adjustable slipfitter Die cast aluminum fitter adjusts incrementally 15° up from horizontal and 15° down from horizontal

Pole top **Large** Fitter mates to nominal Ø 76 mm (3.0") round pole

Medium, Small Fitter mates to nominal Ø 60 mm (2.4") round pole

Documentation

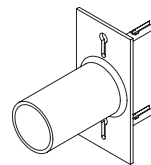
Warranty 5-year limited

Agency listings cULus, CE, ENEC

Files available LM-79, LM-80, IES

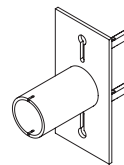


Accessories



76 mm Tenon Kit

Square poles and surface mount.
 601100-SL (Silver)
 601100-WH (White)



60 mm Tenon Kit

Square poles
 601102-CC-SL (Silver)
 601102-CC-WH (White)
 Round poles
 601017-CC-SL (Silver)
 601017-CC-WH (White)



20 kVA Surge Protector

410186



Universal Photocell

401762



Photocell Socket

601053

Specifications subject to change without notice.

Indoor Commercial

SloanLED indoor commercial LED lighting systems use cutting edge LED technology to combine class-leading efficiency, performance, and value to create aesthetically pleasing retail interiors.



Edge lit LED flat panel luminaire

- Maximum efficacy and minimum glare
- Suspension and surface mounting for convenient installation
- Superior heat dissipation
- Impact resistant PMMA light guide for lasting quality
- Saves up to 51% energy compared with typical fluorescent fixtures*

Specifications

Electrical

Input voltage	220-230 VAC, 50-60 Hz
System power	300 × 1200 mm39 W 600 × 1200 mm56 W 600 × 600 mm38 W 625 × 625 mm39 W
System efficacy	300 × 1200 mm110 lm/W 600 × 1200 mm120 lm/W 600 × 600 mm120 lm/W 625 × 625 mm120 lm/W
Power factor	0.89
THD	<20%

Lighting

Light output	300 × 1200 mm4300 Lumens 600 × 1200 mm6200 Lumens 600 × 600 mm4600 Lumens 625 × 625 mm4700 Lumens
Beam angle	120°
Color temperature (CCT)	4000 K
Color rendering (CRI)	80

Accessories



Surface Mount Box

AXSMT-6060-WH (600 × 600 mm)
AXSMT-6262-WH (625 × 625 mm)
AXSMT-3012-WH (300 × 1200 mm)
AXSMT-6012-WH (600 × 1200 mm)

Suspension Kit

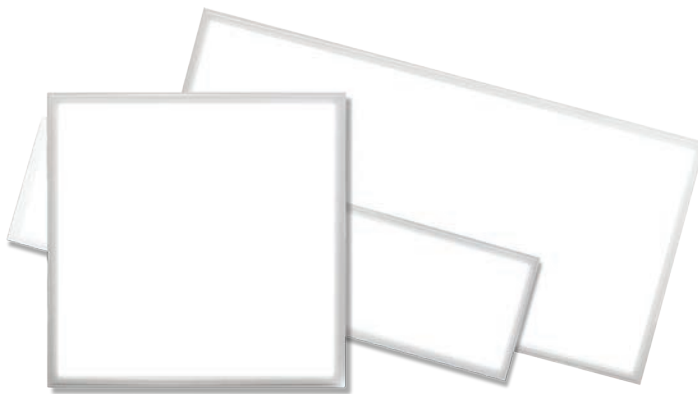
AXSUS-4WA
(300 × 1200 mm)
AXSUS-4WB
(600 × 600 mm,
625 × 625 mm and
600 × 1200 mm)

1.5 m cord and Wieland plug

AXWCP-15-CE

8 W Battery Backup

AXEMB1-8W-CE



Performance

Application	Rated for non-insulated ceiling applications
Ingress protection	IP40 (damp location rated)
Operating temperature	-20° C to +40° C
Life rating	60,000 hours (L ₇₀) ¹

Construction

Frame	Aluminum
Light guide lens	Impact resistant, shatter proof, PMMA acrylic
Finish	Satin white frame
Diffuser	Translucent white

Documentation

Warranty	5-year limited
Agency listings	CE

¹ Based on LED component manufacturer data.

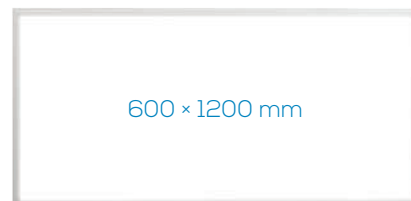


Dimensions

Panel thickness: 9 mm (.35")



600 mm × 600 mm
595 mm × 595 mm × 44 mm
(23.4" × 23.4" × 1.75")
625 mm × 625 mm
625 mm × 625 mm × 44 mm
(24.6" × 24.6" × 1.75")



600 × 1200 mm
595 mm × 1195 mm × 44 mm
(23.4" × 47.0" × 1.75")



300 × 1200 mm
295 mm × 1195 mm × 44 mm
(11.6" × 47.0" × 1.75")

Refrigerated Display

Cold Series™ refrigerated display LED lighting systems use cutting edge LED technology to combine efficiency, performance, and value for state of the art merchandising.



Cold Deck FIT

LED lighting system for multi-deck merchandisers

- Illuminates product facings with crisp, uniform light dispersion
- Optimize visual appeal and color accuracy of meat products with new "Prime" meat-tuned LED chip⁴
- Waterproof (IP68) for produce "wet zones" or spray down maintenance of display cases
- **Up to 77% energy savings compared with typical fluorescent fixtures**



Specifications

Electrical

Input voltage	100-240 VAC, 50-60 Hz					
Output voltage	24 VDC, Class 2 low voltage					
Fixture power	0.3 m (1')		0.9 m (3')		1.2 m (4')	
	Canopy	2.3 W	Canopy	9.0 W	Canopy	11.3 W
	Shelf	1.1 W	Shelf	3.4 W	Shelf	4.5 W

Lighting

Illuminance

Color temperature	0.3 m (1')		0.9 m (3')		1.2 m (4')	
	Canopy	Shelf	Canopy	Shelf	Canopy	Shelf
2700 K	241	137	963	410	1204	547
3500 K	266	153	1063	797	1329	611
4000 K	276	158	1104	472	1380	630
Prime	N/A		N/A		636	313

Color temperatures (CCT) 2700 K, 3500 K, 4000 K, Prime (meat-tuned)¹

Color rendering (CRI) >80

Performance

Ingress protection IP68 (highest dust and water protection)

Operating temperature -25° C to 50° C

Life rating 100,000 hours (L₇₀)²

Dimming Optional Motion Sensing
(see Cold Series Dimming Control data sheet)

¹ Prime available in 1.2 m (4') length only.
² Based on LED component manufacturer data.



Power Supplies⁵

Description	Part number
100 W	701936
100 W	701895-24W
100 W	701895-24C
40 W	410175

Accessories⁶

Item description	Part number
Stand-off Clip	401091
5 Clip Spanner Wrenches	401368-5
Small Terminal Block	401350
Large Terminal Block	401351

Construction

Housing Acrylic, impact modified with UV stabilization

Body color Smooth white

Dimensions	0.3 m (1') Canopy	278 mm × 44 mm × 29 mm (10.94" × 1.75" × 1.15")
	0.9 m (3') Canopy	865 mm × 44 mm × 29 mm (34.05" × 1.75" × 1.15")
	1.2 m (4') Canopy	1170 mm × 44 mm × 29 mm (46.05" × 1.75" × 1.15")
	0.3 m (1') Shelf	278 mm × 44 mm × 20 mm (10.94" × 1.75" × 0.80")
	0.9 m (3') Shelf	865 mm × 44 mm × 20 mm (34.05" × 1.75" × 0.80")
	1.2 m (4') Shelf	1170 mm × 44 mm × 20 mm (46.05" × 1.75" × 0.80")

Weight **0.3 m (1') Canopy and Shelf:** 0.1 kg
0.9 m and 1.2 m (3' and 4') Canopy: 0.4 kg
Shelf: 0.3 kg

Mounting

Canopy Stand-off Clips (6 included)

Shelf Magnetic or mechanical (screws not included)

Documentation

Warranty 5-year limited

Agency listings CE, UL Listed, UL (NSF/ANSI 2)

Files available LM-79, LM-80, IES

⁴ Prime available in 1.2 m (4') length only.
⁵ See install guide for power supply loading information.
⁶ Six (6) clips included with each canopy light to space by 13 mm (1/2") or angle by 10°. Additional clips may be used to increase spacing and/or angle (see install guide). Additional clips may also be used to angle shelf lights if desired. Screws not included for fastening to non-magnetic shelves.
⁷ May require an L-bracket (not included) for mounting.
⁸ Alternative for 400661. Cat 5 cabling to the sensor not included.

Cold Door 3



LED lighting system for cooler doors

- Delivers bright, uniform light, vibrant color, and reduced glare to product facings at depths as shallow as 50 mm (2")
- High efficacy at 109 lm/W allows powering of up to 5-door frames on a single power supply
- Optional wing accessories conceal light source from consumers
- **Up to 85% energy savings compared with typical fluorescent fixtures**



Specifications

Electrical

Input voltage 100-240 VAC (to power supply)

Fixture voltage 24 VDC

Efficacy

Size	Total lumens ¹	System power	Calculated system efficacy
1.2 m (4') Center	1280	12.4	103
1.2 m (4') End	880	8.1	109
1.5 m (5') Center	1547	15.5	100
1.5 m (5') End	1063	10.5	102
1.8 m (6') Center	1813	18.1	100
1.8 m (6') End	1247	11.6	108
2.1 m (7') Center	1947	19.3	101
2.1 m (7') End	1338	12.6	106

Lighting

Lumens/meter (nominal) Center 1050
 End 722

Color temperatures (CCT) 4000 K, 5000 K

Color rendering >80 CRI

Performance

Operating temperature -25° C to 50° C

Life rating 177,000 hours (L₉₀)²
 at maximum operating conditions

Dimming Optional Motion Sensing (see Cold Series Dimming Control data sheet)



¹ Based on published lm/meter).

² Calculated from LM80 data.

³ Also functions as a power controller, replacing P/N 701929 when dimming is specified. Use with 701895-24W power supply.

⁴ Bulk package includes 24 clips.

⁵ Bulk package includes 12 pieces.

Construction

Housing Aluminum

Lens PMMA

Body color Black

Dimensions L × W × H 1.2 m Center	1223 mm × 35 mm × 19.6 mm (48.2" × 1.4" × 0.8")
1.2 m End	1223 mm × 35 mm × 22 mm (48.2" × 1.4" × 0.9")
1.5 m Center	1477 mm × 35 mm × 19.6 mm (58.2" × 1.4" × 0.8")
1.5 m End	1477 mm × 35 mm × 22 mm (58.2" × 1.4" × 0.9")
1.8 m Center	1731 mm × 35 mm × 19.6 mm (68.2" × 1.4" × 0.8")
1.8 m End	1731 mm × 35 mm × 22 mm (68.2" × 1.4" × 0.9")
2.1 m Center	1858 mm × 35 mm × 19.6 mm (73.2" × 1.4" × 0.8")
2.1 m End	1858 mm × 35 mm × 22 mm (73.2" × 1.4" × 0.9")

Mounting

Center Mounting clips (2 included)

End Mounting clips (2 included)

Documentation

Warranty 5-year limited

Agency listings UL (NSF/ANSI 2), CE, RoHS

Files available LM-79, LM-80, IES

Power Supplies

Description	Part number
100 W, Flying leads	701936
100 W, Connector for Dimming Controller	701895-24W
40 W	410175

Dimming

Description	Part number
Dimming Controller ³	701890-PWR
Occupancy Sensor, Standard	400661
Occupancy Sensor, Wide	400964

Accessories

Item description	Part number	
	Two pack	Bulk
Snap-in Clip ⁴	401943-2	401943-24
1.2 m Invisibility Light Guard ⁵	402074-46-2	402074-46-12
1.5 m Invisibility Light Guard ⁵	402074-56-2	402074-56-12
1.8 m Invisibility Light Guard ⁵	402074-66-2	402074-66-12
2.1 m Invisibility Light Guard ⁵	402074-76-2	402074-76-12
1.2 m End Reflector ⁵	402074-46-EC-2	402074-46-EC-12
1.5 m End Reflector ⁵	402074-56-EC-2	402074-56-EC-12
1.8 m End Reflector ⁵	402074-66-EC-2	402074-66-EC-12
2.1 m End Reflector ⁵	402074-76-EC-2	402074-76-EC-12

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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.

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Ventura, CA
Company headquarters
Administration
Sales & Marketing
Engineering

SloanLED Asia, Inc.
Dong Guan Province, China
LED / Circuit Board Assembly
SloanLED managed contract
manufacturing



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