



**SloanLED**  
Leaders in LED Technology

# LED Solutions for the Sign Industry

Experience the difference

Innovation • Quality • Service



# apple green

sparkle  
WASH  
8

Full of  
Beats  
2

indu

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# 50+ Years of Lighting Excellence

The Sloan Corporation was founded in 1957 with the original mission to design and develop highly reliable lighting products for the aerospace/aeronautical industry. In the early 1970s, the first Light Emitting Diodes (LED) were developed, and SloanLED embraced that technology to become a pioneer in high reliability LED lighting products. Our founder, Charles Sloan, was driven by two simple principles: employ the latest technologies to develop quality lighting products and take exceptional care of the customer. Today, more than 50 years later, SloanLED continues to deliver on those principles.

The company is now a leader in the development and application of LEDs, serving many commercial, industrial and high-tech industries. By combining over 50 years of lighting experience with certified quality, strong warranties, superior technical assistance and unparalleled customer service, SloanLED is dedicated to providing industries across the globe with the best LED solutions

## SloanLED Enters the Sign Industry

SloanLED brought its LED expertise to the sign industry in the mid 1990s, and launched the first large-scale national LED signage program in 1997. Since then, SloanLED has successfully established itself as the preeminent brand of LED lighting products in the signage market.

Our commitment is centred on providing the sign trade with the highest quality LED solutions, the broadest selection of products and the very best customer support. From the smallest built up letters, to the largest flex face lighbox, SloanLED has the innovation, experience and selection needed to make your LED signage projects truly successful.

## SloanLED Advantage

### Brightness

Investment in the latest LED innovations allows us to offer you superior brightness for your signage.

### Reliability

Strict quality control means we can deliver proven reliability in our LED solutions.

### Installation

Straightforward, easy to use products reduce your installation time with no compromise on quality.

### Support

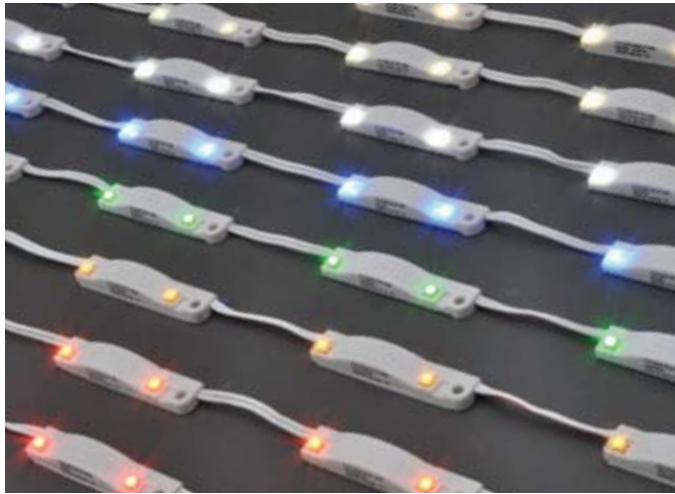
From initial enquiry through to after sales support, we'll be there to provide advice and assistance.

### Cost

With a flexible, wide range of solutions, we can offer a cost effective option to suit every need.

### Environment

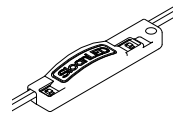
Our developments in LED efficiency allow you to offer your customers a truly 'green' signage option.



## V Series Versatile Module

### Shallow/small/narrow face-lit or halo signs

V Series is the brightest LED in its class - versatile enough for many applications and the perfect solution for shallow, narrow and small channel letters, both face and halo lit applications. Available in 7 colours.

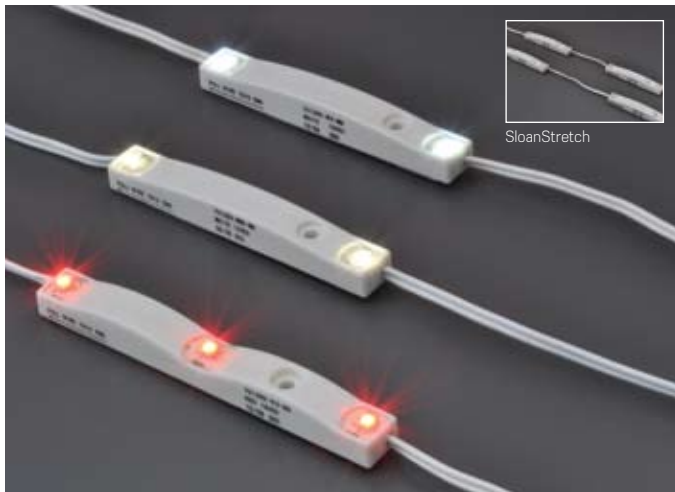


Item Description	Colour Temp./ Wavelength	Part Number	Lumens per module
White	7200 K	701269-WLPY-MB	29 lm
Warm White	4200 K	701269-WWLPY-MB	22 lm
Red	625 nm	701269-RLP-MB	12 lm
Orange	610 nm	701269-OLP-MB	18 lm
Yellow/Amber	590 nm	701269-YLP-MB	8 lm
Green	528 nm	701269-GLPZ-MB	23 lm
Blue	470 nm	701269-BLP-MB	8 lm

Uses SloanLED 12 Volt DC Power Supply

### Specifications

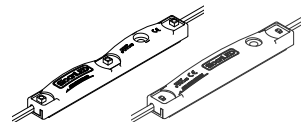
Dimensions L x W x H	57 mm x 11 mm x 10 mm	
Modules per meter	7 Colours	10
Power per module	7 Colours	0.6 W
Viewing Angle	Red, Orange, Yellow	120°
	Blue, Green	150°
	White	140°
Operating temperature	-40° C to +70° C	
Protection Class	IP66	



## ChanneLED 5 Featuring SloanStretch

### Medium to large face-lit signs

ChanneLED 5 (CL5) offers simplicity and flexibility while providing bright, vivid and uniform illumination. CL5 also features SloanStretch extendable wire function allowing for optimum module placement.\*



Item Description	Colour Temp./ Wavelength	Part Number	Lumens per module
White	7200 K	701269-W5YE-MB	30 lm
Warm White	4200 K	701269-WW5YE-MB	22 lm
Red	625 nm	701269-R5-MB	17 lm

Uses SloanLED 12 Volt DC Power Supply

\* Whites 50 mm. Red 65 mm

### Specifications

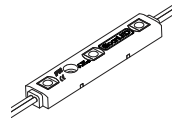
Dimensions L x W x H	Whites	86 mm x 11 mm x 11 mm
	Red	102 mm x 11 mm x 11 mm
Modules per meter	6.5	
Power per module	0.6 W	
Viewing Angle	120°	
Operating temperature	-40° C to +70° C	
Protection Class	IP66	



## Apollo High Efficiency Module

### Medium/large face lit signs

With over 100 lumen per Watt, Apollo is one of the most energy efficient LED modules on the market today. With a robust module design (IP68\*), it makes it the perfect solution for face-lit channel letters and sign cabinets installed in normal and/or extremely damp or wet weather environments.



Item Description	Colour Temp./Wavelength	Part Number	Lumens per module
Apollo White	5000 K	701269-W6-MB	50 lm

Uses SloanLED 12 Volt DC Power Supply

\* IP68 - Ingress Protection Rating is a 2-digit numerical rating. This rating classifies the degrees of protection against dust, water, and impact that electrical equipment and enclosures can afford. 68 is the most stringent rating.

### Specifications

Dimensions L x W x H	90 mm x 16 mm x 10 mm
Modules per meter	6.5
Power per module	0.48 W
Viewing Angle	150°
Operating temperature	-40° C to +65° C
Protection Class	IP68



Snap and Stretch

## Great White 3 High Brightness with Snap and Stretch

### Wide/deep/tall face lit signs and sign cases

Great White 3 (GW3) is designed with a Snap and Stretch feature; this allows you to create two functional modules for maximum flexibility (75 mm). Available in two versions: high brightness and high efficiency.



Item Description	Colour Temp./Wavelength	Part Number	Lumens per module
Great White 3	7200 K	701269-WL3Y-MB	117 lm
Great White 3 Eco	7200 K	701269-WL3YE-MB	76 lm

Uses SloanLED 12 Volt DC Power Supply

\* Actual modules per meter is 4.76. Module spacing is one full module every 225 mm (315 mm when stretched) and 75 mm between snapped parts.

### Specifications (full module)

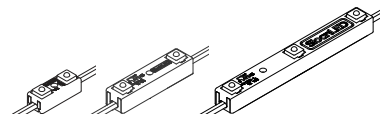
Dimensions L x W x H	152 mm x 25 mm x 11 mm
Modules per meter	5*
Power per module	GW3 2.40 W GW3-Eco 1.56 W
Viewing Angle	120°
Operating temperature	-40° C to +70° C
Protection Class	IP68



## Value-Line Economical solution

### Solutions for the price conscious customer

The Value-Line range, based on proven SloanLED channel letter module design and performance, offers a more economical, medium brightness solution to illuminated signage without compromising on the quality and reliability people have come to expect from SloanLED products.



Item Description	Colour Temp./ Wavelength	Part Number	Lumens per module
White Long	6800 K	701269-WLX-MB	30 lm
White Short	6800 K	701269-WSX-MB	20 lm
White Mini	6800 K	701269-WTX-MB	15 lm
Red Long	628 nm	701269-RL-MB	12 lm
Red Short	628 nm	701269-RS-MB	8 lm

Uses SloanLED 12 Volt DC Power Supply

### Specifications

Dimensions L x W x H	Mini	29 mm x 11 mm x 13 mm
	Short	51 mm x 13 mm x 14 mm
	Long	101 mm x 13 mm x 14 mm
Modules per meter	Mini	13
	Short	10
	Long	6.5
Power per module	White Long/Short	0.36 W
	White Mini	0.27 W
	Red Long/Short	0.6 W
Viewing Angle	Whites	105°
	Reds	90°
Operating temperature	-40° C to +70° C	
Protection Class	IP66	

### Common features throughout the range

- Constant Current Technology
- 12 Volt DC throughout for mix & match compatibility of all colours, sizes and products
- Accommodates series or parallel wiring for ease of installation
- User-friendly designs are easy to assemble, install and service
- Proprietary weatherproof coatings for dependability in all conditions
- Can be used with SloanLED dimming solutions

### Constant Current Technology

- CCT maintains consistent current levels, eliminating the line loss and voltage drop issues common in many LED lighting systems.
- CCT provides uniform light output throughout the entire installation, while also preventing damage from overdriving of the LEDs.
- CCT allows for wiring in parallel or in-series without complicating load balancing.

### Suggested product selection and row spacing table

Recommended option at various can depths listed\*

White	50 mm	≥75 mm	≥100 mm	≥125 mm	≥150 mm	≥175 mm	≥200 mm
V-series	TEST	100 mm	125 mm	150 mm			
V-series Eco		TEST	125 mm	150 mm			
Value-Line Mini		TEST	TEST				
ValueLine Short/Long		TEST	TEST	125 mm	TEST		
CL5		TEST	125 mm	150 mm	150 mm	175 mm	175 mm
Apollo		100 mm	125 mm	150 mm	175 mm	200 mm	200 mm
GW3			TEST	125 mm	125 mm	150 mm	150 mm
GW3 Eco			TEST	125 mm	125 mm	150 mm	150 mm

Product spacing may need to be closer  Optimal product spacing  Product not optimum choice

\* Selection may vary depending on individual sign characteristics such as face material, stroke width, and application. Please contact your local customer service representative for further assistance.

SAMSUNG

SAMSUNG LED TV

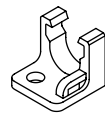


## FlexiBRITE

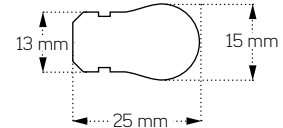
### Flexible LED tubing

#### Neon-look shapes and letters

FlexiBRITE is the ultimate flexible neon replacement offering a UV stable silicone extrusion that can be easily shaped and mounted in the field to create neon-look shapes and letters.



Mounting Clip

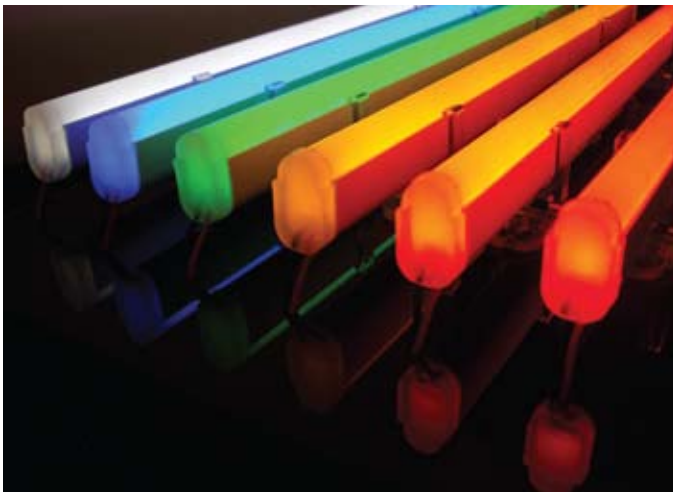


Colour	Part Number	Approx. Cut Increments
Red	701499-R-Length	50 mm
Orange	701499-O-Length	50 mm
Yellow	701499-Y-Length	50 mm
Green	701499-G-Length	25 mm
Blue	701499-B-Length	25 mm

\* Uses SloanLED 12 Volt DC Power Supply

#### Specifications

<b>In-field bends</b>	Radial bend 305 mm Flat bend 25 mm
<b>Power per meter</b>	9.2 W
<b>Operating temperature</b>	-40° C to +70° C
<b>Capacity per power supply</b>	6 m*
<b>Available lengths</b>	0.6 m and 3 m
<b>Accessories</b>	Each kit includes end caps and mounting clips.
<b>Protection Class</b>	IP66

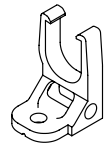


## ColorLINE

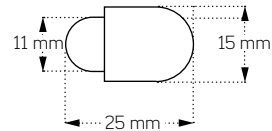
### Neon-inspired tubing

#### Seamless, neon-look border tubing installations

ColorLINE offers the visual appeal of neon without the problems. The robust high impact frosted acrylic casing ensures bright, constant, even illumination that can be relied upon for years. Innovative mitered lit corners available for uniform finish.



Mounting Clip



Colour	Part Number	Approx. Cut Increments
Red	701800-R-Length	60 mm
Orange	701800-O-Length	60 mm
Yellow	701800-Y-Length	60 mm
Green	701800-G-Length	60 mm
Blue	701800-B-Length	60 mm
White	701800-W-Length	60 mm
Warm White	701800-WW-Length	60 mm

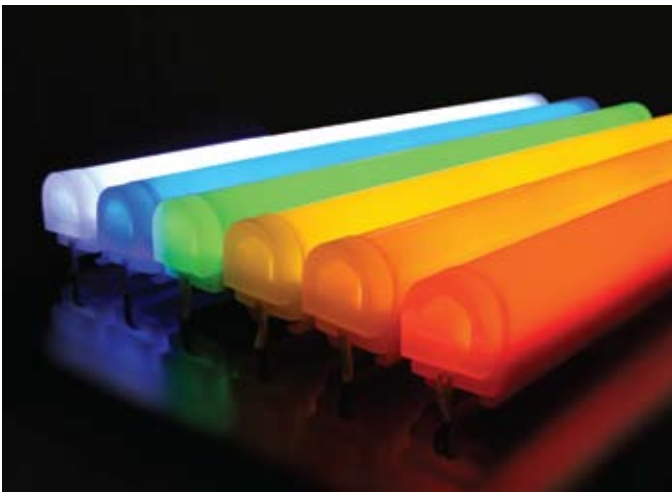
\* Uses SloanLED 12 Volt DC Power Supply

#### Specifications

<b>Factory bends</b>	247 mm radius
<b>In-field bends</b>	Radial bend 5.8 m Flat bend 1.8 m
<b>Power per meter</b>	7.5 W
<b>Operating temperature</b>	-40° C to +70° C
<b>Capacity per power supply</b>	7.3 m*
<b>Available lengths</b>	0.62 m, 1.23 m, 1.84 m and 2.45 m
<b>Accessories</b>	Each kit includes end caps and mounting clips.
<b>Protection Class</b>	IP66



BEVER  
INNOVATIONS

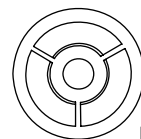


## LEDStripe

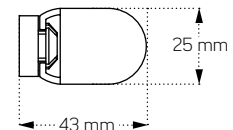
### 24 V DC Large profile LED tubing

#### Coloured border tubing installations

LEDStripe offers a wide profile border tubing solution. With a high impact acrylic casing coloured to match the LEDs inside, LEDStripe can offer a splash of colour even when it's not illuminated. Snap on corner covers available for a seamless finish.



Mounting Buttons



Colour	Part Number	Approx. Cut Increments
Red**	701189-R-Length	75 mm
Orange**	701189-O-Length	75 mm
Amber**	701189-Y-Length	75 mm
Lemon Yellow	701189-WY-Length	75 mm
Green**	701189-G-Length	75 mm
Blue**	701189-B-Length	75 mm
White	701189-W-Length	75 mm

\*Uses SloanLED 24 Volt DC Power Supply \*\* Also available in pastel

#### Specifications

Factory bends	304 mm radius
In-field bends	Radial bend 5.8 m Flat bend 4.25 m
Power per meter	5 W
Operating temperature	-40° C to +70° C
Capacity per power supply	2 x 9 m*
Available lengths	0.63 m, 1.24 m, 1.86 m and 2.47 m
Accessories	Each kit includes end caps, mounting clips, joint covers and glue kit.
Protection Class	IP66



## Modular 60 IP68 rated industrial power supply

### Suitable for exposed outdoor installation

Designed and produced by SloanLED, its advanced electronic and mechanical design offers an easy installation. Multiple power supplies can be grouped sharing one single primary cable. The power supply offers a wide input voltage, auto-resetting, short-circuit protection and does not require a minimum load.

Item Description	Part Number	Nominal Input Voltage	Max. Input Current
Modular 60	701507-MODW	100-240 V	1.0 A

### Specifications

Dimensions L x W x H	229 mm x 64 mm x 38 mm
Power Output	60 W
Operating Temperature	-40° C to +65° C
Protection Class	IP68



## Self Contained 20 IP67 rated compact LED power supply

### Suitable for inside channel letters or sign cases

The small size of this power supply makes it possible to create letters and cases that can be directly connected to a primary cable. The power supply offers a wide input voltage, auto-resetting short-circuit protection and does not require a minimum load.

Item Description	Part Number	Nominal Input Voltage	Max. Input Current
Self Contained 20	701680	100-240 V	0.55 A

### Specifications

Dimensions L x W x H	118 mm x 35 mm x 26 mm
Power Output	20 W
Operating temperature	-40° C to +65° C
Protection Class	IP67

## LEDStripe power supply Heavy duty 24 V DC power supply

### Suitable for LEDStripe border tubing applications

The new 100 W power supply for LEDStripe can be installed inside a secondary housing or behind the face of a building canopy. It can drive up to 18 m of product. The power supply offers a wide input voltage, auto-resetting short-circuit protection and does not require a minimum load.

### Specifications

Dimensions L x W x H	198 mm x 68 mm x 38 mm
Power Output	100 W
Operating temperature	-30° C to +70° C
Protection Class	IP67

Item Description	Part Number	Nominal Input Voltage	Input Current
LEDStripe Power Supply	701895-24C	100-240 V AC	1.4 A

## Installation Cable 2.5 mm<sup>2</sup>, 1.0 mm<sup>2</sup> and 0.75 mm<sup>2</sup>

### Connections between product and power supply

Item Description	Part Number	Reel Length	Use
14 AWG* (2.5 mm <sup>2</sup> )***	400301-100	30 m	Wire runs from 4.5 – 15 m
18 AWG (1.0 mm <sup>2</sup> )***	400299-1200	30 m	Standard Connection Cable – Runs less than 4.5 m
20 AWG** (0.75 mm <sup>2</sup> )***	400501-1200	30 m	Internal Wiring Cable

\* When the distance between the secondary side of the power supply and the first LED in a letter or the beginning of a tubing run increases, the diameter of wire needed will change. Please see our Wire Diameter Distance Chart available online: [www.sloanled.com/pdf/PLTC\\_WireGaugeChart.pdf](http://www.sloanled.com/pdf/PLTC_WireGaugeChart.pdf)

\*\* Single insulated

\*\*\* European Metric Value

# Sign LEDs power supply capacity

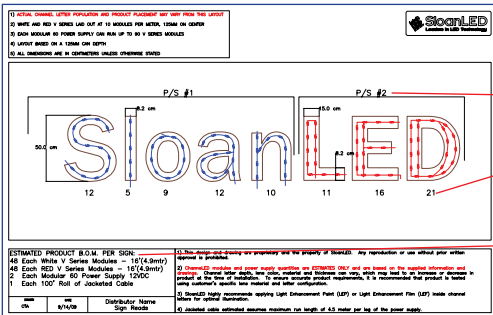
## Maximum number of modules per 12 V DC power supply

Item Description (Part number)	Power Output	V Series	V Series White Eco	CL5	Apollo	Great White 3	Great White 3 Eco	Value-Line White Long/Short	Value-Line White Mini	Value-Line Red Long/Short
Self Contained 20 (701680)	20 W	30	37	30	37	7.5	11	50	66	30
Modular 60 (701507-MODW)	60 W	90	112	90	112	22.5	34	150	200	90

NOTE: When mixing modules of different sizes/Colours or various products on the same power supplies, simply add all the power requirements for the respective meters 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 spread over the project.

### Contact us today for your FREE estimate/layout

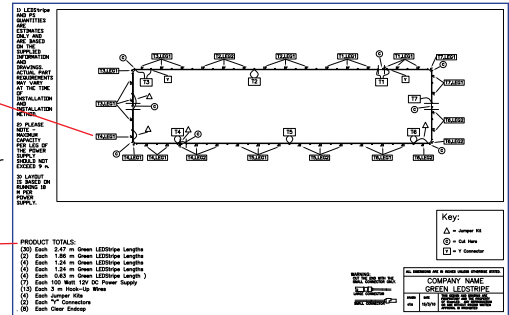
SloanLED will provide you with a layout drawing that estimates how much product you will need to complete the job. The layout and estimation service is provided free of charge and we will work with you to ensure the most effective solution is given.



ESTIMATED PRODUCT B.O.M. PER SIGN:  
 48 Each White V Series Modules - 16(14.0m)  
 48 Each RED V Series Modules - 16(14.0m)  
 2 Each Modular 60 Power Supply 120DC  
 1 Each 100' Roll of Jacketed Cable

Each estimate includes:

- Power supplies needed
- Estimated modules per letter
- Product totals per sign/site



PRODUCT TOTALS:  
 (00) Each 2.47 m Green LEDstrip Lengths  
 (01) Each 1.98 m Green LEDstrip Lengths  
 (02) Each 1.50 m Green LEDstrip Lengths  
 (03) Each 1.24 m Green LEDstrip Lengths  
 (04) Each 0.84 m Green LEDstrip Lengths  
 (05) Each 100 Watt 12V DC Power Supply  
 (06) Each 2 m Jacketed Cable  
 (07) Each 2" x 2" Connector  
 (08) Each 2" x 2" Connector  
 (09) Each Clear Sheep

### SloanLED System Warranty

SloanLED is committed to providing defect free products that will give the purchaser trouble free operation. These products are the best designed and most thoroughly tested in the industry. All SloanLED facilities are ISO 9001 registered and maintain strict Quality Assurance standards. Full terms and conditions of our warranty are available on our website: [www.sloanled.eu](http://www.sloanled.eu)

- Channel letter products all Colours - 5 year
- Border tubing red, orange, amber, and yellow - 5 year
- Border tubing green, blue, whites, lemon yellow and pastels - 3 year
- Power Supplies - 5 year



Some or all of the products shown are covered by US and foreign patents pending and covered by one or more of the following US patents issued: 6776504, 6969179, 7192157, 6932495, 7241031

Specification may change without notice.  
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[www.sloanled.eu](http://www.sloanled.eu)

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