



SloanLED
Leaders in LED Technology

- Channel letters
- Cabinets
- Pylons
- Back lighting
- Border tubing
- Accent lighting
- Decorative lighting



**LED Solutions for
the Sign Industry**

Experience the Difference
Innovation ▪ Quality ▪ Service

2010

V Series

Most Versatile ChanneLED



shallow/small/narrow face-lit or halo signs

- Full line of colors
- Low profile modules
- Run 30ft per 60W power supply
- Constant Current Technology (CCT)
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

SPECIFICATIONS:

| | | |
|---------------------------------|-----------------------------------|---------------------|
| Dimensions L x W x H | 2 1/4in x 7/16in x 3/8in | |
| Modules per foot | 3 | |
| Power per module | .6W | |
| Viewing Angle | Cool colors | 140° |
| | Warm colors | 120° |
| Maximum coverage per row | Can depth | Row coverage |
| | 2.25in - 3in | 4in |
| | >3in - 5in | 5in |
| | >5in - 8in | 6in |
| Operating temperature | -40°C to +70°C | |
| Fastening | Peel-n-stick and mechanical | |
| Packaging | 25ft per tray, 5 trays per carton | |

| Item Description | Part Number | Lumens per foot |
|-----------------------------|-----------------|-----------------|
| V Series White (7200K) | 701269-WLPY-MB | 85 |
| V Series Soft White (5000K) | 701269-NWLPY-MB | 85 |
| V Series Warm White (4200K) | 701269-WWLPY-MB | 65 |
| V Series Red | 701269-RLP-MB | 35 |
| V Series Red/Orange | 701269-ROLP-MB | 48 |
| V Series Orange | 701269-OLP-MB | 53 |
| V Series Yellow/Amber | 701269-YLP-MB | 24 |
| V Series Green | 701269-GLPZ-MB | 70 |
| V Series Blue | 701269-BLP-MB | 24 |

Uses SloanLED 12 Volt DC Power Supply

ChanneLED 5

ChanneLED with SloanStretch



medium to large face-lit signs

- SloanStretch - extendable wire (+2in) feature for optimum module placement
- Run 45ft per 60W power supply
- Constant Current Technology (CCT)
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

SPECIFICATIONS:

| | | |
|---------------------------------|-----------------------------------|---------------------------|
| Dimensions L x W x H | Whites | 3 3/8in x 7/16in x 7/16in |
| | Red | 4in x 7/16in x 7/16in |
| Modules per foot | 2 | |
| Power per module | .6W | |
| Viewing Angle | 120° | |
| Maximum coverage per row | Color | Can depth |
| | Whites | ≥5in |
| | Red | ≥5in |
| | | Row coverage |
| | | 6in |
| | | 7.5in |
| Operating temperature | -40°C to +70°C | |
| Fastening | Peel-n-stick and mechanical | |
| Packaging | 25ft per tray, 5 trays per carton | |

| Item Description | Part Number | Lumens per foot |
|------------------------|-----------------|-----------------|
| CL5 White (7200K) | 701269-W5YE-MB | 60 |
| CL5 Warm White (4200K) | 701269-WW5YE-MB | 43 |
| CL5 Red | 701269-R5-MB | 35 |

Uses SloanLED 12 Volt DC Power Supply

Apollo Lighting System

IP68* ChanneLED module



medium to large face lit signs and IP68

- Uses the most energy efficient LEDs on the market today
- Soft white color
- Completely sealed module (IP68)
- Run 56 ft. per 60W power supply
- Constant Current Technology (CCT)
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

SPECIFICATIONS:

| | | |
|---------------------------------|-----------------------------------|---------------------|
| Dimensions L x W x H | 3 1/2in x 3/8in x 5/8in | |
| Modules per foot | 2 | |
| Power per module | .48W | |
| Viewing Angle | 150° | |
| Maximum coverage per row | Can depth | Row coverage |
| | 4in to 5in | 6in |
| | >5in | 7in |
| Operating temperature | -40°C to +65°C | |
| Fastening | Peel-n-stick and mechanical | |
| Packaging | 25ft per tray, 5 trays per carton | |

| Item Description | Part Number | Lumens per foot |
|----------------------|--------------|-----------------|
| Apollo White (5000K) | 701269-W6-MB | 96 |

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.

Value-Line

Economical solution



- Classic performer
- Run up to 75ft per 60W 12 VDC power supply
- Constant Current Technology (CCT)
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

SPECIFICATIONS:

| | | | |
|------------------------------------|-----------------------------------|--------------------------|---------------------|
| Dimensions L x W x H | Long | 4in x 1/2in x 9/16in | |
| | Short | 2in x 1/2in x 9/16in | |
| | Mini | 1 1/8in x 7/16in x 1/2in | |
| Modules per foot | Long | 2 | |
| | Short | 3 | |
| | Mini | 4 | |
| Power per module | White Long/Short | .36W | |
| | White Mini | .27W | |
| | Red Long/Short | .6W | |
| Viewing Angle | Whites | 105° | |
| | Reds | 90° | |
| Maximum coverage per row by | Color | Can depth | Row coverage |
| | Red | 5in | 5in |
| | White | 5in | 4in |
| Operating temperature | -40°C to +70°C | | |
| Fastening | Peel-n-stick and mechanical | | |
| Packaging | 25ft per tray, 5 trays per carton | | |

| Item Description | Part Number | Lumens per foot |
|---------------------|---------------|-----------------|
| White Long (6800K) | 701269-WLX-MB | 60 |
| White Short (6800K) | 701269-WSX-MB | 60 |
| White Mini (6800K) | 701269-WTX-MB | 60 |
| Red Long | 701269-RL-MB | 22 |
| Red Short | 701269-RS-MB | 22 |

Uses SloanLED 12 Volt DC Power Supply

Great White 3

Advanced Brightness LEDs



wide/deep/tall face lit signs

- SloanLED's brightest channel letter module
- Great for illuminating perforated vinyls
- Snap and Stretch modules for additional flexibility
 - Create two half modules from one
 - Stretch between whole modules for an extra 3in of wire
- Constant Current Technology (CCT)
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

SPECIFICATIONS (full module):

Dimensions L x W x H 6in x 1in x .5in

Modules per foot 1.5

Power per module 2.4W

Viewing Angle 120°

Operating temperature -40°C to +70°C

Maximum coverage per row

| Can depth | Row coverage |
|-----------|--------------|
| 5 - <8in | 5in |
| ≥8in | 8in |

Fastening Peel-n-stick and mechanical

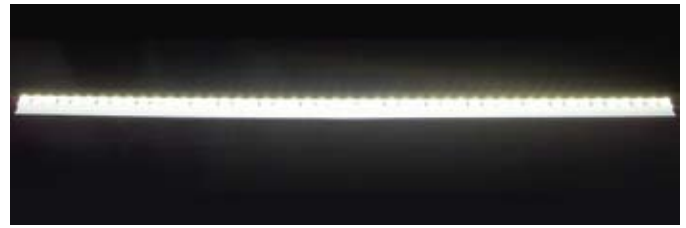
Packaging 20 modules per tray,
5 trays per carton

| Item Description | Part Number | Lumens per foot |
|------------------|----------------|-----------------|
| Great White 3 | 701269-WL3Y-MB | 176 |

Uses SloanLED 12 Volt DC Power Supply

* Typical placement will be at 1.5 modules per foot, but can be placed closer or further apart for desired brightness

SloanLED Light Stick



- Great for cabinets, awnings, poster boxes and more
- Color matches cool white HO Fluorescent
- Can be cut in the field in 3in cut increments
- Constant Current Technology (CCT)
- UL and cUL recognized, CE, CSA Certified, ETL listed
- RoHS and WEEE compliant

SPECIFICATIONS:

Dimensions L x W x H 48in x 1.6in x .7in

LEDs per stick 48

Power per stick 7.7 W

Viewing Angle 701927-NW-48 150°
701927-NW-S-48 80°

Operating temperature -40°C to +65°C

Power Supply SloanLED 12 Volt DC

Fastening Mechanical

ThinLED

Reverse illumination LEDs



- Can be bent to a 1 inch radius, fits in narrow strokes and can be cut to size
- Each strip includes one 6in jumper
- Run up 25ft per 60W 12 VDC power supply
- Constant Current Technology (CCT)
- UL and cUL recognized, CE Certified
- Available in Red, Amber, Yellow, Green, Blue, White

SloanLED's 12 Volt DC Power Supplies

The Sign Industry's Favorite Power Supply

Modular 60-W

IP68 Rated



- IP68 Rated (Ingress Protection 68)
 - IP68 is verified resistance to the intrusion of solids and water, even in harsh environments
- Operating Temperatures -40° 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 Watt legs
- UL, cUL, CSA, TUV, CE certification
 - UL certified for field retrofits
- RoHS and WEEE compliant

Self Contained 20



- Small compact size
- Operating Temperatures -40° to 60° C
- UL rated for dry and damp locations
- RoHS and WEEE compliant

Quad 240



- Built-in circuit protection for current, voltage and temperature
- Operating Temperatures -40° to 60° C
- UL recognition for dry, damp and wet locations

SPECIFICATIONS for all SloanLED 12 Volt DC Power Supply

| Item Description | Part # Number | Nominal Input Voltage | Input Current | Power Output | Enclosure Spec | | | Overall Dimensions L x W x H |
|-------------------|---------------|-----------------------|---------------|--------------|----------------|------|-----|---------------------------------|
| | | | | | Dry | Damp | Wet | |
| Self Contained 20 | 701680 | 120-240 V | 0.3 A | 20 W | X | X | | 4.75in x 1.5 in x 1in |
| Modular 60-W | 701507-MODW | 120-240 V | 1.0 A | 60 W | X | X | X | 9in x 2.5in x 1.5in |
| Modular 60-277 | 701507-MOD277 | 277-347 V | 0.5 A | 60 W | X | X | X | 10.5in x 2.5in x 1.5in |
| Quad 240 (4 legs) | 701495 | 120 V | 3.0 A | 240 W | X | X | X | 9.5in x 5.9in x 3.2in |

Power supplies carry required UL, cUL and CSA certification · Self Contained 20 and Modular 60 also carry CE certification

Dimmer Solutions

All SloanLED 12 Volt DC 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) to make your installation easier.

FlexiBRITE

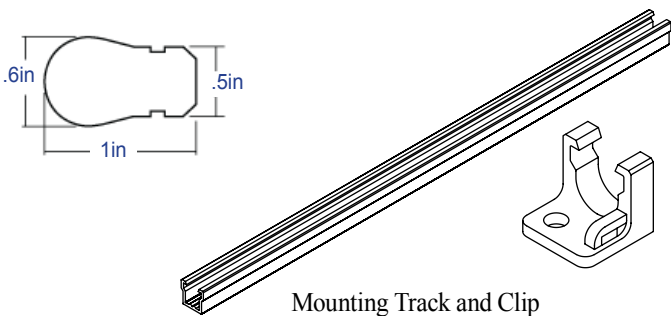
Flexible LED tubing



- 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 mounting 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 |
| Packaging | 2ft or 10ft kits containing end caps and mounting clips |



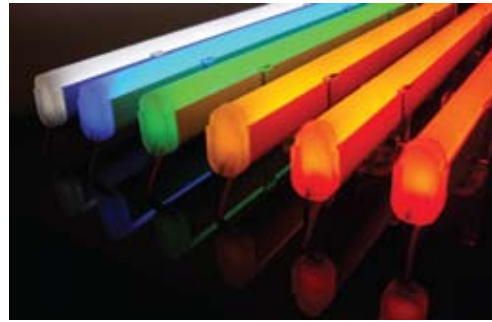
Mounting Track and Clip

| Item Description | Part# Kit | Cut Increments |
|------------------|---------------|----------------|
| Red Kit | 701499-R-Size | 2.0in |
| Orange Kit | 701499-O-Size | 2.0in |
| Yellow Kit | 701499-Y-Size | 2.0in |
| Green Kit | 701499-G-Size | 1.0in |
| Blue Kit | 701499-B-Size | 1.0in |

Uses SloanLED 12 Volt DC Power Supply

ColorLINE

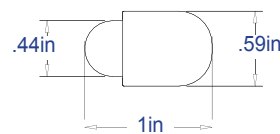
Neon-inspired tubing



- Slim profile similar to standard neon
- Neutral frosted white color when non-illuminated
- High impact acrylic: UV stable, hydrocarbon insensitive, non-fading
- Factory bend to an 8in radius and 19ft field radius
- Three lit mitered corner configurations
- Convenient, weatherproof connectors between sections
- Can be cut in the field
- UL and cUL recognized, CE Certified

SPECIFICATIONS:

| | |
|------------------------------|---|
| Power per foot | 2.28 W |
| Operating temperature | -40°C to +70°C |
| Colors | Red, orange, yellow, green, blue, white, warm white |



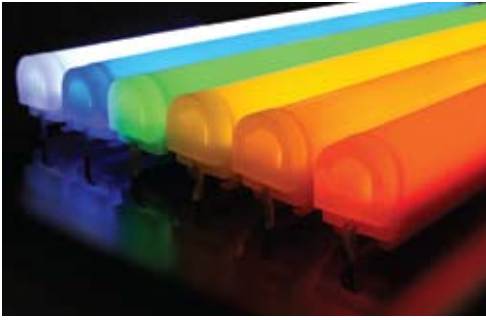
Mounting Clip

| Item Description | Part # Tube | Approx. Cut Increments | Actual Length |
|------------------|----------------|------------------------|---------------|
| 2ft Tube | 701800-color-2 | 2.4in | 24 1/2in |
| 4ft Tube | 701800-color-4 | 2.4in | 48 1/2in |
| 6ft Tube | 701800-color-6 | 2.4in | 72 1/2in |
| 8ft Tube | 701800-color-8 | 2.4in | 96 1/2in |

Uses SloanLED 12 Volt DC Power Supply

LEDStripe

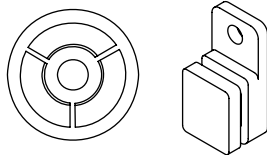
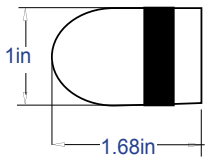
Large profile LED tubing .



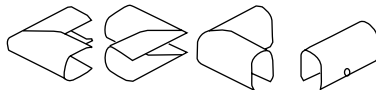
- Daytime color when non-illuminated
- High impact acrylic: UV stable, hydrocarbon insensitive, non-fading
- Factory bend to an 8in radius
- Can be cut in the field
- Conforms to UL 48 standard, CE Certified and ETL listed

SPECIFICATIONS:

| | |
|------------------------------|--|
| Power per foot | 2.8 W |
| Operating temperature | -40°C to +70°C |
| Colors | Warm: Red, orange, amber Cool: Blue, green, white Misc: Lemon yellow and pastels |
| Power supply | SloanLED 24 Volt AC transformer |



Mounting Buttons



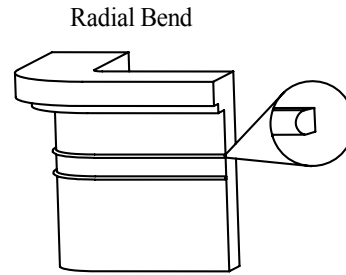
Joint Covers

| Item Description | Part # Tube | Approx. Cut Increments | Actual Length |
|------------------|-----------------|------------------------|---------------|
| 1ft Tube | 701189-color-1 | 1in | 12 7/8in |
| 2ft Tube | 701189-color-2 | 3in | 24 7/8in |
| 4ft Tube | 701189-color-4 | 3in | 48 7/8in |
| 6ft Tube | 701189-color-6 | 3in | 73 3/8in |
| 8ft Tube | 701189-color-8 | 3in | 97 3/8in |
| 10ft Tube | 701189-color-10 | 3in | 121 3/8in |

Custom Bends

LEDStripe and Colour LINE

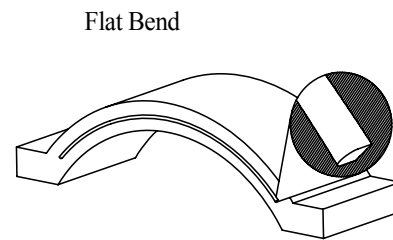
- Radial or flat bend
- Factory bend to 8in radius



Radial Bend

In field radial bend:

| | |
|-----------|------|
| LEDStripe | 14ft |
| ColorLINE | 19ft |



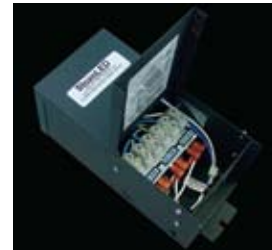
Flat Bend

In field flat bend: LED-

| | |
|-----------|------|
| Stripe | 19ft |
| ColorLINE | 6ft |

LEDStripe Transformer

24 Volt AC



- 300 W power output (3 legs)
- UL recognized for dry and damp locations
- Mounted and fastened with convenient fasteners

| Item Descrip. | Part # Number | Nominal Input Voltage | Input Current | Overall Dimensions |
|-------------------|---------------|-----------------------|---------------|------------------------|
| LEDStripe 120V AC | 700940 | 120V AC/ 60Hz | 3.0 A | 8.75in x 4.4in x 4.1in |
| LEDStripe 240V AC | 700940-240 | 240V AC/ 50Hz | 1.5 A | 9.5in x 5.4in x 5in |
| LEDStripe 277V AC | 700964 | 277V AC/ 60Hz | 1.5 A | 8.75in x 4.4in x 4.1in |

LED Border Tubing Power Supply Capacity

12 VDC - FlexiBRITE and ColorLINE

| Item Description | Part # (Each) | Power Output | FlexiBRITE All Colors | ColorLINE All Colors |
|------------------------------|---------------|--------------|--------------------------|-------------------------|
| | | | Maximum Feet** | |
| Self Contained 20 | 701680 | 20 W | 6 | 8 |
| Modular 60-W | 701507-MODW | 60 W | 20 | 24 |
| Modular 60-277 | 701507-MOD277 | 60 W | 20 | 24 |
| Quad 240* | 701495 | 240 W | 80 | 96 |
| Power Used per Foot in Watts | | | 2.8 | 2.3 |

*Quad 240 has 4 output legs: footages expressed are total (divide by 4 for footage per leg)

LEDStripe

| Item Description | Part # (Each) | Power Output | LEDStripe |
|--|---------------|---------------------|-----------|
| | | Maximum Feet | |
| LEDStripe 300 W 24V AC Transformer - All Colors | | | |
| LEDStripe 120V AC | 700940 | 300 W (3 legs) AC** | 90 |
| LEDStripe 240V AC | 700940-240 | 300 W (3 legs) AC** | 90 |
| LEDStripe 277V AC | 700964 | 300 W (3 legs) AC** | 90 |
| Power Used per Foot in Watts | | | 2.8 |

** Footages expressed are total, (maximum 30ft per leg)

NOTE: When mixing various products on the same power supplies, 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 spread over the project.



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Sign LEDs Power Supply Capacity

Maximum Number of Feet / Modules – All footage based on 90% of rated capacity

| Item Description (Part #) | Power Output | V Series All 9 Colors | CL5 3 Colors | Apollo | Value-Line White Long | Value-Line-White Short | Value-Line White Mini | Value-Line Red Long | Value-Line Red Short | Great White 3 |
|--|--------------|-----------------------|---------------------|----------------------|-----------------------|------------------------|-----------------------|----------------------|----------------------|---------------|
| Modules per Foot | | 3 | 2 | 2 | 2 | 3 | 4 | 2 | 3 | 1.5 |
| Self Contained 20 (701680) | 20 W | 10ft / 30 Mods. | 15ft / 30 Mods. | 19ft / 38 Mods. | 25ft / 50 Mods. | 17ft / 51 Mods. | 17ft / 68 Mods. | 15ft / 30 Mods. | 10ft / 30 Mods. | 7.5 Mods. |
| Modular 60 (701507-MODW, 701507-MOD277) | 60 W | 30ft / 90 Mods. | 45ft / 90 Mods. | 56ft /112 Mods. | 75ft / 150 Mods. | 50ft / 150 Mods. | 50ft / 200 Mods. | 45ft / 90 Mods. | 30ft / 90 Mods. | 22.5 Mods. |
| Quad 240* (701495) | 240 W | 120ft/ 360 Mods. | 180ft/ 360 Mods. | 224ft / 448 Mods. | 300ft / 600 Mods. | 200ft / 600 Mods. | 200ft / 800 Mods. | 180ft / 360 Mods. | 120ft / 360 Mods. | 90 Mods. |
| Watts per Modules | | .6 | .6 | .48 | .36 | .36 | .27 | .6 | .6 | 2.4 |

*Quad 240 has four output legs; footages expressed are total (divide by four for footage per leg)

NOTE: When mixing modules of different sizes/colors or various products on the same power supplies, 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 spread over the project.



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Over 50 Years of Lighting Excellence

The SloanLED Company was founded in 1957 to design and develop high-reliability lighting products for the aerospace and automotive industries. By the early 1970's, SloanLED had become a pioneer in LED technology.

Today, SloanLED is dedicated to providing the sign industry with the best LEDs and the best support for the best results.

SloanLED Advantage

Results

- Bright, vivid signs and perimeter/accent lighting
- Easy to install
- Reliable and dependable products
- Consistent color and intensity
- On-time deliveries and project completions
- Reduced maintenance and service cost
- Lowest total Cost of Ownership

Reliable

- Virtually maintenance free
- Proprietary weatherproof coating
- Extremely long life, up to 100,000 hours
- Up to 5 year warranty on LED modules and 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
- Retrofit existing neon signs
- Use with Solar Solutions

Product Warranty:

SloanLED products carry a limited product warranty when used with SloanLED power supplies. Please see SloanLED warranty details at our web site.

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

Constant Current Technology

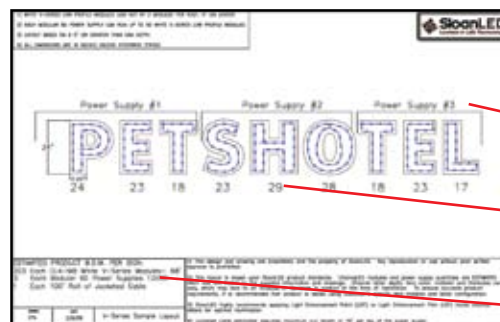
CCT maintains consistent current levels, eliminating the line loss and voltage drop issues common in many LED lighting systems.

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.

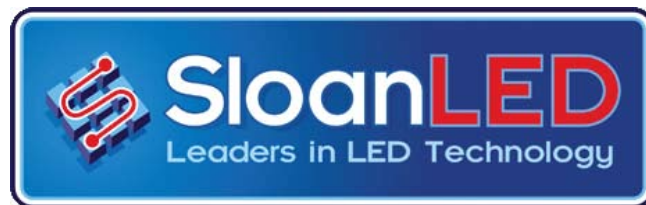
Available at:

Contact us today for your FREE estimate/layout



Each estimate includes:

- Power supplies needed
- Estimated product needed
- Bill of material



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