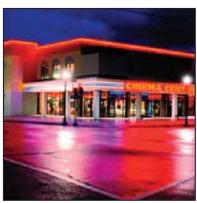
### Fall 2008





Channel Letters
Border or Accent Tubing
Halo Lit Letters
Sign Cabinets
Cove Lighting
Decorative Signage















## LED Sign Lighting Solutions

Your single source for LED Innovation, Experience and Selection

### Leaders in LED Technology

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



Committed to providing the sign trade with the highest quality LEDs, the broadest selection of products and the very best customer support, we offer LED solutions for nearly every application. From the smallest halo-lit letters, to the biggest face-lit channel letters. From the largest global border tubing programs, to the most unusual one-time accent tubing job. From the most demanding environments, to the most challenging installations. SloanLED has the innovation, experience and selection needed to make your LED signage projects successful.





### **Channel Letters and Sign Cabinets**

Available in a wide array of colors – these easy-to-use sign lighting LEDs are also popular for cove lighting, edge-lit signs and canopy illumination.

| Product       | Key Attributes  | Application  | Red | Orange | Amber | Yellow | Green | Blue | White | Warm<br>White |
|---------------|---|--|-----|--------|-------|--------|-------|------|-------|---------------|
| V Series      | Wide viewing angle,<br>low profile modules                                | Small/narrow/shallow channel letters, small to medium halo lit letters     | X   | X      |       | X      | X     | X    | X     | X             |
| ChanneLED 5   | Wide viewing angle,<br>Extendable wire (+2") feature<br>Fewer modules/ft. | Most channel letters medium to large, halo letters                         | X   |        |       |        |       |      | X     | X             |
| Great White 2 | Most light output LED Flexible module placement                           | Large/deep letters, sign cabinets, cove lighting, custom vinyl color faces |     |        |       |        |       |      | X     |               |
| ThinLED       | Flexible strips, extremely narrow, very uniform light pattern             | Narrow halo letters, edge-lit signs  | X   |        | X     | X      | X     | X    | X     |               |

ChanneLED 4 color and sizes can be found on page 4



### **LED Tubing**

LED-based tubing provides superior durability over exposed neon. It also offers convenience in the field with dramatic savings from reduced installation time.

| Product    | Key Attributes   | Application   | Red | Orange | Amber | Yellow | Green | Blue | White |
|------------|--|---|-----|--------|-------|--------|-------|------|-------|
| ColorLINE  | Neon-like profile, high brightness, easily cut in the field, low power consumption | Small profile border, perimeter, accent, display and exhibit lighting | X   | X      |       | X      | X     | X    | X     |
| FlexiBRITE | Flexible tubing, pre-assembled/sealed, shape on the fly without heating            | Free-form shapes, logos, letters, accent, open face channel letters   | X   | X      |       | X      | X     | X    |       |
| LEDStripe  | High impact rigid tubing, ultra-bright LEDs, day-time color when unlit             | Large profile border, perimeter, accent, display and exhibit lighting | X   | X      | X     | X      | X     | X    | X     |

### **Common Features 12VDC products:**

ChanneLED, ThinLED, FlexiBRITE and ColorLINE (ChanneLED: V Series, CL5, Great White 2 and CL4)

- · Constant Current Technology
- 12 Volt DC throughout for mix-n-match compatibility of all colors, sizes and products
- Accommodates series or parallel wiring for ease of installation
- Can be used with SloanLED dimming solutions
- Proprietary weatherproof coatings for dependability in all conditions

- User-friendly designs are easy to assemble, install and service
- LED system operating temperatures -40°C to +70°C
- · Limited warranties of up to five years
- Uses commonly available wire nuts and connectors
- UL, cUL, CSA recognized, CE, Certified





### **Constant Current Technology**

SloanLED leads the way in offering standardized voltages, mix-n-match compatibility and SloanLED's Constant Current Technology (CCT), the heart of the SloanLED Line. CCT is the design backbone of the ChanneLED, ThinLED, FlexiBRITE and ColorLINE systems. CCT maintains consistent current levels, eliminating the line loss and voltage drop issues common in many LED lighting systems. Competing systems are plagued by dramatic decreases in brightness over a run of product. CCT provides uniform light output throughout the entire installation, while also preventing damage from overdriving of the LEDs. Plus, CCT means no more complex wiring procedures, delicate load balancing, finicky power supply settings or lot-specific LED selection.



Part

Number

701269-RLP-MB

701269-OLP-MB

701269-YLP-MB

701269-GLP-MB

701269-BLP-MB

701269-WLP-MB

701269-WWLP-MB

Part

Number

701269-R5-MB

701269-W5-MB

701269-WW5-MB

Item

**Description** 

V Series Yellow/Amber

V Series Red

V Series Orange

V Series Green

V Series Blue

V Series White

V Series Warm White

Item

Description

CL5 Warm White

CL5 Red

CL5 White

### ${f V}$ ${f Series}$ - Versatile LED lighting system

V Series is the brightest LED in its class – versatile enough for many applications and the

• Brighter LEDs

**Modules** 

per Foot (Meter)

3(10)

3 (10)

3 (10)

3 (10)

3(10)

3(10)

3 (10)

- Wide viewing angle
- Low profile modules
- Illumination for face-lit and halo-lit channel letters

perfect solution for shallow channel letters and small halo lit letters.

- Constant Current Technology
- Pre-wired modules for optimal placement
- UL, cUL recognized, CE, CSA Certified

### SPECIFICATIONS:

| 2 1/4"x 7/16" x 3/8"<br>57mm x 11mm x 10mm |   |
|--|---|
| 2  |   |
| row  |   |
| 2.25" to 3" depths                         | 3.5" (89mm)   |
| 3" to 5" depths                            | 6" (127mm)  |
| 5" to 8" depths                            | 7.5" (152mm)  |
| All colors                                 | .6 Watts  |
| Peel-n-stick and mechanic                  | al  |
|  | 57mm x 11mm x 10mm 2  row 2.25" to 3" depths 3" to 5" depths 5" to 8" depths All colors |

SloanLED 12VDC



### ChanneLED 5 - Next generation channel letter LEDs

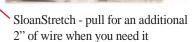
Now with brighter LEDs and wider viewing angles, CL5 offers simplicity and flexibility while providing bright, vivid and uniform illumination for face-lit channel letters, sign cabinets, cove lighting and an endless array of low-voltage applications.

- **Brighter LEDs**
- Wider viewing angles
- Extendable wire (+2") feature
- Constant Current Technology
- · Pre-wired modules for optimal placement

**Packaging** 

Power supply

· UL, cUL recognized, CE, CSA Certified



25' (7.5m) per tray, 5 trays per carton

### **SPECIFICATIONS:**

|   |                 | Dimensions L x W x H | Red     | 4" x 7/16" x 7/16"     |    |
|---|-----------------|----------------------|---------|------------------------|----|
|   | Modules         |                      |         | 102mm x 11mm x 11      | mm |
| p | er Foot (Meter) |                      | Whites  | 3 3/8" x 7/16" x 7/16" | ,  |
|   | 2 (6.5)         |                      |         | 86mm x 11mm x 11m      | nm |
|   | 2 (6.5)         | LEDs per module      | Red     | 3                      |    |
|   | 2 (0.3)         |                      | Whites  | 2                      |    |
|   | 2 (6.5)         | Maximum coverage per | row for | 5+" can denth          |    |
|   |                 | maximum boverage per |         | o. Jan aspin           |    |

| Maximum coverage per | row for 5+" can depth                   |              |  |  |
|----------------------|---|--------------|--|--|
|                      | 4" to 5" depths                         | 6" (127mm)   |  |  |
|                      | 5" and greater depths                   | 7.5" (152mm) |  |  |
| Power per module     | Red                                     | .6 Watts     |  |  |
|                      | Whites                                  | .9 Watts     |  |  |
| Fastening            | Peel-n-stick and mechanic               | cal          |  |  |
| Packaging            | 25' (7.5m) per tray, 5 trays per carton |              |  |  |

Power supply SloanLED 12VDC



### Great White 2 - Advanced high-output white LEDs

Bright white output with vivid and uniform illumination for large and deep face-lit and sign cabinet applications in addition to multi-color or custom vinyl faces.

- Brightest LEDs
- Constant Current Technology
- Pre-wired modules for optimal placement
- UL, cUL recognized, CE, CSA Certified

### **SPECIFICATIONS:**

Dimensions L x W x H 3 5/8"x 7/8" x 9/16" 92mm x 22mm x 14mm

LEDs per module 2

Maximum coverage per row 6" (152mm)

Power per modules 1.8 watts

Fastening Peel-n-stick and mechanical

**Packaging** 25 modules per tray, 5 trays per carton

Power supply SloanLED 12VDC

| Item          | Part          | Modules          |  |  |
|---------------|---------------|------------------|--|--|
| Description   | Number        | per Foot (Meter) |  |  |
| Great White 2 | 701269-WL2-MB | 1-2 (4-7)*       |  |  |

<sup>\*</sup> Typical placement will be at 1.5 modules per foot (5 per meter), but can be placed closer or further apart for desired brightness



### ChanneLED 4 - Proven channel letter performance

ChanneLED 4, known for its vivid colors, has been an industry favorite in illuminating face-lit and halo-lit channel letters, sign cabinets, cove lighting and an endless array of low-voltage applications.

- Viewing angles optimized for best performance
- · Pre-wired modules spaced for optimal placement
- Constant Current Technology
- UL, cUL recognized, CE, CSA Certified

| Item<br>Description                    | Part<br>Number                           | Modules<br>per Foot/Meter |
|--|--|---------------------------|
| Red Long                               | 701269-RL-MB                             | 2 (7)                     |
| Red Short                              | 701269-RS-MB                             | 3 (10)                    |
| Red Econo                              | 701269-RSE-MB                            | 2 (7)                     |
| Red Mini                               | 701269-RT-MB                             | 4 (13)                    |
| Orange Long                            | 701269-OL-MB                             | 2 (7)                     |
| Orange Short                           | 701269-OS-MB                             | 3 (10)                    |
| Amber Long                             | 701269-AL-MB                             | 2 (7)                     |
| Amber Short                            | 701269-AS-MB                             | 3 (10)                    |
| Green Short                            | 701269-GS-MB                             | 3 (10)                    |
| Green Mini                             | 701269-GT-MB                             | 4 (13)                    |
| Blue Short                             | 701269-BS-MB                             | 3 (10)                    |
| Blue Mini                              | 701269-BT-MB                             | 4 (13)                    |
| White Short now off<br>White Short New | ers 50% brighter output<br>701269-WSB-MB | 3 (10)                    |
| White Econo                            | 701269-WSE-MB                            | 2 (7)                     |
| White Mini                             | 701269-WT-MB                             | 4 (13)                    |

### **SPECIFICATIONS:**

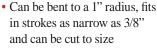
Dimensions L x W x H

| Difficusions L X VV X II | Long 4 x 1/2 x 3/    |             |
|--------------------------|----------------------|-------------|
|                          | 102mm x 13r          | nm x 14mm   |
|                          | Short, Econo 2" x 1  | /2" x 9/16" |
|                          | 51mm x 13m           | m x 14mm    |
|                          | Mini 1 1/8" x 7/16"  | x 1/2"      |
|                          | 29mm x 11mi          | m x 13mm    |
| LEDs per module          | Long                 | 3           |
|                          | Short, Mini, Econo   | 2           |
| Maximum Coverage per rov | v                    |             |
|                          | Red, orange, amber   | 5" (127mm)  |
|                          | Blue, green, white   | 4" (102mm)  |
| Power per modules        | Red, orange, amber   | .6 watts    |
|                          | Blue, green, white   | .35 watts   |
|                          | New short white      | .48 watts   |
| Fastening                | Peel-n-stick and me  | chanical    |
| Packaging                | 25' (7.5m) per tray, |             |
|                          | 5 trays per carton   |             |
| Power supply             | SloanLED 12VDC       |             |
|                          |                      |             |

Long 4" x 1/2" x 9/16"

### ThinLED - Halo lit LEDs

A favorite solution for narrow halo-lit ("reverse-lit") channel letters, edge-lit signs or any indirect lighting application with thin strokes or channels.



- Strip maintains its shape once bent for easy and secure mounting to the return
- Each strip includes one 6" jumper (additional jumpers available)
- Wide viewing angle
- · Constant Current Technology
- UL, cUL recognized, CE, Certified



| Item<br>Description | Part<br>Number | Cut<br>Increments |
|---------------------|----------------|-------------------|
| Red                 | 701228-18-R    | 2.0" (51mm)       |
| Amber               | 701228-18-A    | 2.0" (51mm)       |
| Yellow              | 701228-18-Y    | 2.0" (51mm)       |
| Green               | 701228-18-G    | 1.33" (34mm)      |
| Blue                | 701228-18-B    | 1.33" (34mm)      |
| White               | 701228-18-W    | 1.33" (34mm)      |

### SPECIFICATIONS:

**Strip dimensions** 12"L x 3/4"H x 3/8" W 305mm x 19mm x 10mm

LEDs per strip 18

Power per strip 2.2 Watts
Fastening Peel-n-stick

Packaging 12" (305mm) strips sold individually

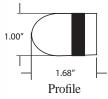
Power supply SloanLED 12V DC



### **LEDStripe** - 24 VAC large profile LED tubing

Add increased awareness to any building with this patented LED-based rigid tubing system from SloanLED. Completely assembled and sealed tubes are ready for installation out of the box.

LEDStripe, with its large profile and long runs, has become the border tube system of choice for many retail, restaurant, petroleum and lodging chains.



- · Daytime color when unlit
- High impact acrylic: UV stable, hydrocarbon insensitive, non-fading
- Can be cut-to-fit in the field and factory bent to an 8" radius
- Convenient, weatherproof connectors between sections
- Operating temperature -40°C to +70°C
- Uses 24 VAC transformer
- Field cutting kit available

- Easy to use install video available at www.SloanLED.com
- Convenient corners, joint covers and mounting buttons
- Conforms to UL 48 standard, CE Certified and ETL listed

| Item<br>Description | Part #<br>Tube  | Actual<br>Length | Approx. Cut<br>Increments |
|---------------------|-----------------|------------------|---------------------------|
| 1' Tube             | 701189-color-1  | 12 7/8" (.33m)   | 1" (25mm)                 |
| 2' Tube             | 701189-color-2  | 24 7/8" (.63m)   | 3" (76mm)                 |
| 4' Tube             | 701189-color-4  | 48 7/8" (1.24m)  | 3" (76mm)                 |
| 6' Tube             | 701189-color-6  | 73 3/8" (1.86m)  | 3" (76mm)                 |
| 8' Tube             | 701189-color-8  | 97 3/8" (2.47m)  | 3" (76mm)                 |
| 10' Tube            | 701189-color-10 | 121 3/8" (3.08m) | 3" (76mm)                 |

### SPECIFICATIONS:

| LEDs per foot (meter) | Warm colors                        | 30 (98) |  |  |
|-----------------------|------------------------------------|---------|--|--|
|                       | Cool colors                        | 24 (79) |  |  |
| Power per foot/meter  | 2.8 (9.2) Watts                    |         |  |  |
| Colors                | Red, orange, amber (warm)          |         |  |  |
|                       | Blue, green, white (cool)          |         |  |  |
|                       | Lemon yellow and pastels available |         |  |  |



### ColorLINE - 12 VDC small profile LED tubing

Add stunning neon-like appeal and increased awareness to any building with this new, patented LED-based rigid tubing system. Completely assembled and sealed tubes are ready for installation out of the box. ColorLINE offers our brightest light output, a neon-like profile and innovative lit, mitered corners.



- Brighter neon-like accents similar to 12mm neon glass
- High impact acrylic: UV stable, hydrocarbon insensitive, non-fading
- Factory bent to an 8" minimum radius
- Convenient, weatherproof connectors between sections

| Item<br>Description | Part #<br>Tube | Approx. cut increments | Actual<br>Length |
|---------------------|----------------|------------------------|------------------|
| 2' Tube             | 701800-color-2 | 2.4" (61mm)            | 24 1/2" (.6m)    |
| 4' Tube             | 701800-color-4 | 2.4" (61mm)            | 48 1/2" (1.2m)   |
| 6' Tube             | 701800-color-6 | 2.4" (61mm)            | 72 1/2" (1.8m)   |
| 8' Tube             | 701800-color-8 | 2.4" (61mm)            | 96 1/2" (2.45m)  |

- Operating temperature -40°C to +70°C
- Compatible with other SloanLED 12 VDC products
- 3 Lit mitered corner configurations
- Convenient mounting clips
- Can be cut in the field
- UL, cUL recognized, CE Certified

### **SPECIFICATIONS:**

| LEDs per foot (meter)  | 20 (66)                                 |
|------------------------|---|
| Power per foot (meter) | 2.28 (7.5) Watts                        |
| Power supply           | SloanLED 12VDC                          |
| Colors                 | Red, orange, yellow, green, blue, white |



### FlexiBRITE - Flexible LED tubing

Add that "neon look" to any LED-lit sign with the world's first completely flexible LED tubing. FlexiBRITE can create an endless array of profiles, contours and patterns on the fly. Ideal for exterior and interior lighting applications such as sign perimeters, letters, symbols, accent stripes, borders and open-face channel letters.



- Bright, wide viewing-angle LEDs offer intense, uniform glow for perimeter/accent lighting
- Operating temperature -40°C to +70°C
- Compatible with other SloanLED 12 VDC products

| Item<br>Description | Part #<br>Kit | Cut<br>Increments |
|---------------------|---------------|-------------------|
| Red Kit             | 701499-R-Size | 2.0" (51mm)       |
| Orange Kit          | 701499-O-Size | 2.0" (51mm)       |
| Yellow Kit          | 701499-Y-Size | 2.0" (51mm)       |
| Green Kit           | 701499-G-Size | 1.0" (25mm)       |
| Blue Kit            | 701499-B-Size | 1.0" (25mm)       |

- Prewired, completely sealed, waterproof tubes can be cut-to-fit, spliced and resealed
- Optically modified silicone extrusion: UV stable, hydrocarbon insensitive, non-fading
- · Convenient mounting clips and 5'mounting tracks
- UL, cUL recognized, CE Certified

### **SPECIFICATIONS:**

| LEDs per foot (meter)  | 24 (79)   |
|------------------------|---|
| Power per foot (meter) | 2.8 (9.2) Watts   |
| Packaging              | 2' or 10' (.6m or 3m) kits containing end-caps and mounting clips |
| Power supply           | SloanLED 12VDC  |

### **SloanLED 12 Volt DC Power Supply**

- Use with ChanneLED, ThinLED, ColorLINE and FlexiBRITE
- Simple primary hook-ups, Class 2 outputs
- · Proven reliability
- Operating Temperatures -40° to +60° C

- Simple secondary hook-ups no minimum load, no load balancing and no dip-switches
- UL recognition for dry, damp and wet locations
- · Power supplies carry required UL, cUL and CSA certification



### Modular 60 The Expandable LED Power Supply

Now one power supply can be carried and used regardless of your 12 Volt DC power needs. Offering the maximum allowed Class 2 output power, this unit features a modular design that can be used as a single 60 Watt unit, or clustered together with others via standard J-boxes to provide power output wattages of 120, 180, or 240. This innovative power supply is robust, flexible, weather resistant, easy to use and carries UL recognition for dry, damp and wet locations, CE and CSA certification. Now also available in a 277 volt version.







| Use With              | Item<br>Description | Part #<br>(Each) | Nominal Input<br>Voltage | Input<br>Current | Power<br>Output |   |   | e Spec<br>p Wet | Overall<br>Dimensions                         |
|-----------------------|---------------------|------------------|--------------------------|------------------|-----------------|---|---|-----------------|---|
| ChanneLED             | Self Contained 20   | 701680           | 120/240 Volts            | 0.3 Amps         | 20 Watts        | Х | Х |                 | 3.75"L x 1.6"W x 1"H<br>95mm x 41mm x 26mm    |
| ThinLED<br>FlexiBRITE | Modular 60          | 701507-MOD       | 120/240 Volts            | 1.0 Amps         | 60 Watts        | Х | Х | Х               | 9"L x 2.5"W x 1.5"H<br>229mm x64mm x 38mm     |
| ColorLINE             | Modular 60-277      | 701507-MOD277    | 277-347 Volts            | 0.5 Amps         | 60 Watts        | Χ | Х | Х               | 10.5"L x 2.5"W x 1.5"H<br>267mm x 64mm x 38mm |
|                       | Quad 240 (4 legs)   | 701494           | 120 Volts                | 3.6 Amps         | 240 Watts       | Χ | Х | Х               | 9.5"L x 6"W x 2.4"H<br>241mm x 152mm x 61mm   |

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

### Accessories

### **Dimmer Solutions**

Now all SloanLED 12 VDC products can be dimmed using our dimming modules (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.



### 24 Volt AC LEDStripe Transformer

PowerLED transformers are used to provide 24 VAC power to LEDStripe. They can be mounted to metal fascia, stucco, concrete, brick or any other surface that can be fastened to with conventional fasteners.

- Simple primary hook-ups, Class 2 outputs
- Simple secondary hookups no minimum load, no load balancing and no dip switches
- Proven reliability
- UL recognized for dry and damp locations
- CE version available

| Item<br>Description | Part #<br>Number | Nominal Input<br>Voltage | Input<br>Current | Power Output<br>(#Legs) |   | sure Spe<br>Damp | c Overall<br>Dimensions                         |
|---------------------|------------------|--------------------------|------------------|-------------------------|---|------------------|---|
| LEDStripe 120V      | 700940           | 120V/ 60Hz               | 3.0 Amps         | 300 Watts (3)           | Х | Х                | 8.75"L x 4.4"W x 4.1"H<br>222mm x 112mm x 104mm |
| LEDStripe 240V      | 700940-240       | 240V/ 50Hz               | 1.5 Amps         | 300 Watts (3)           | Х | Х                | 9.5"L x 5.4"W x 5"H<br>241mm x 137mm x 127mm    |
| LEDStripe 240V-CE   | 701847           | 240V/ 50Hz               | 4.5 Amps         | 200 Watts (2)           | Х | Х                | 8.75"L x 5"W x 4.6"H<br>222mm x 127mm x 117 mm  |
| LEDStripe 277V      | 700964           | 277V/ 60Hz               | 1.5 Amps         | 300 Watts (3)           | Х | Х                | 8.75"L x 4.4"W x 4.1"H<br>222mm x 112mm x 104mm |

# LED Tubing Power Supply Capacity

## 12 VDC - FlexiBRITE & ColorLINE

| Item<br>Description | Part #<br>(Each)                     | Power<br>Output | FlexiBRITE<br>All Colors<br>Maximum # F | FlexiBRITE ColorLINE All Colors All Colors Maximum # Feet (Meter)** | Item<br>Description                  | Part #<br>(Each)    | Power Output LEDStripe (# Legs) All Colors Maximum # Feet (Meter)*** | LEDStripe All Colors eet (Meter)** |
|---------------------|--------------------------------------|-----------------|---|---|--------------------------------------|---------------------|--|------------------------------------|
| Self Contained 20   | 701680                               | 20 Watts        | 6 (1.8)                                 | 8 (2.5)   | LEDStripe 120V                       | 700940              | 300 Watts (3)  | 90 (27.4)                          |
| Modular 60          | 701507-MOD                           | 60 Watts        | 20 (6)                                  | 24 (7.3)  | LEDStripe 240V                       | 700940-240          | 300 Watts (3)  | 90 (27.4)                          |
| Modular 60-277      | 701507-MOD277                        | 60 Watts        | 20 (6)                                  | 24 (7.3)  | LEDStripe 240V-CE                    | 701847              | 200 Watts (2)  | 60 (18.3)                          |
| Quad 240*           | 701494                               | 240 Watts       | 80 (24.4)                               | 96 (29.2)   | LEDStripe 277V                       | 700964              | 300 Watts (3)  | 90 (27.4)                          |
| r Used per          | Power Used per Foot (Meter) in Watts |                 | 2.8 (9.2)                               | 2.3 (7.5)   | Power Used per Foot (Meter) in Watts | oot (Meter) in Watt | S  | 2.8 (9.2)                          |

24 VAC - LEDStripe

'Quad 240 has 4 output legs; footages expressed are total (divide by 4 for footage 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 30' (9m) per leg) output. The actual number of power supplies needed may vary based on how the materials are spread over the project.



www.SloanLED.com · info@SloanLED.com Toll-Free 888.747.4LED · 805.676.3200 Fax 805.676.3206

Some or all of the products shown are covered by US and foreign patents issued or pending. Specification may change without notice. © 2008 SloanLED

\*\* Transformers have 2 or 3 output legs; footages expressed are total, (maximum

# Sign LEDs Power Supply Capacity

Maximum Number of Feet (Meters) / Modules - All footage based on 90% of rated capacity

| *Quad 240 has four output legs: footages expressed are total (divide by four for footage per leg) | Power Used per Foot (Meter) in Watts | Quad 240*<br>(701494)   | Modular 60-277<br>(701507-MOD277)                       | Modular 60<br>(701507-MOD)           | Self Contained 20<br>(701680) | Modules/Foot (Meter) | ItemPower Supply<br>Description<br>(Part #)         |
|---|--------------------------------------|---|---|--------------------------------------|-------------------------------|----------------------|---|
| out leas: foots   | ∕leter) in Watt                      | 240 Watts   | 60 Watts  | 60 Watts                             | 20 Watts                      |                      | Power<br>Output                                     |
| ages expressed are to   | s 1.2 (3.9)                          | 180 (55) /360 Mods.   | 45 (14) /90 Mods.                                       | 45 (14) /90 Mods.                    | 15 (4.5) /30 Mods.            | 2 (6.6)              | CL5 - Red CL4 Long - Red, Orange, Amber Econo - Red |
| tal (divide by four for   | 1.8 (5.9)                            | 120 (37) /240 Mods.   | 30 (9) /60 Mods.  | 30 (9) /60 Mods.                     | 10 (3) /20 Mods.              | 2 (6.6)              | CL5 - White,<br>Warm White                          |
|   | 1.8 (5.9)                            | 120 (37) /360 Mods.   | 30 (9) /90 Mods.  | 30 (9) /90 Mods.                     | 10 (3) /30 Mods.              | 3 (9.8)              | V Series - All Colors CL4 Short - Red Orange, Amber |
| **All Great White 2 fic   | 1.01 (3.3)                           | 216 (66) /648 Mods.   | 30 (9) /90 Mods. 54 (16.5) /162 Mods. 37 (11.4) /112    | 54 (16.5) /162 Mods. 37 (11.4) /112  | 18 (5.5) /54 Mods.            | 3 (9.8)              | CL4 Short -<br>Green, Blue,<br>White                |
| **All Great White 2 figures are per module, as spacing may vary by application                    | 1.44 (4.7)                           | 180 (55) /360 Mods. 120 (37) /240 Mods. 120 (37) /360 Mods. 216 (66) /648 Mods. 149 (45.4) /448 Mods. 224 (68.3) /448 Mods. 90 (28) /360 Mods. 160 (48) /640 Mods. 120 Mods. 100 (30.5) | 37 (11.4) /112 Mods.                                    | . 37 (11.4) /112 Mods.               | 12 (3.7) /36Mods.             | 3 (9.8)              | CL4 Short - White<br>701269-WSB-MB                  |
| s spacing may vary by   | .96 (3.1)                            | 224 (68.3) /448 Mods.   | 56 (17) /112 Mods.                                      | 56 (17) /112 Mods.                   | 18 (5.5) /36 Mods.            | 2 (6.6)              | Econo - White                                       |
| application   | 2.4(7.9)                             | 90 (28) /360 Mods.  | 22.5 (7) /90 Mods.                                      | 22.5 (7) /90 Mods.                   | 7.5 (2.3) /30 Mods.           | 4 (13.1)             | CL4 Mini - Red                                      |
|   | 1.35 (4.4)                           | 160 (48) /640 Mods.   | 22.5 (7) /90 Mods. 40 (12) /160 Mods. 30 Mods. 25 (7.6) | 40 (12) /160 Mods. 30 Mods. 25 (7.6) | 13 (4) /52 Mods.              | 4 (13.1)             | CL4 Mini - Green,<br>Blue, White                    |
|   | 1.8 (5.9)                            | 120 Mods.   | 30 Mods.  | 30 Mods.                             | 10 Mods. 8 (2.5)              |                      | ThinLEI<br>Great All<br>White 2** Colors            |
|   | 1.8 (5.9) 2.2 (7.2)                  | 100 (30.5)  | 25 (7.6)  | 25 (7.6)                             | 8 (2.5)                       | •                    | ThinLED<br>All<br>Colors                            |

cuda 240 llas loui output legs, loutages expressed are total (divide by lout lot lootage per leg) All Great writte z lightes are per illodule; as spacing may vary by application

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. NOTE: When mixing CL4 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



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### **50 Years of Lighting Excellence**

The SloanLED Company was founded in 1957 to design and develop high-reliability lighting products. By the early 1970s, SloanLED had become a pioneer in Light Emitting Diode (LED) technology. The founder, Charles Sloan, was driven by two simple principles: employ the latest technologies to develop quality lighting products and take really good care of the customers. Today, more than 50 years later, SloanLED continues to deliver on those principles.

The company is a leader in the development and application of LEDs, serving many commercial, industrial and high-tech industries. The sign industry has responded well to SloanLED, providing the company with its largest and fastest growing business segment. By combining its over 50 years of lighting experience with ISO 9001 quality recognition, strong warranties, superior technical assistance and unparalleled customer service, SloanLED is dedicated to providing the sign industry with the best LEDs, the best support and the best results.

## The SloanLED Advantage Best LEDs Best Support

- Top-tier suppliers
- · Robust, user-friendly designs
- · Only the latest, brightest LEDs
- · Common voltage for most products
- SloanLED's Constant Current Technology
- Industry leading warranties
- · Layout and estimating service
- Dedicated Customer Support Reps
- Tech Support Reps from the Sign Industry
- In-field sales, service and technical training

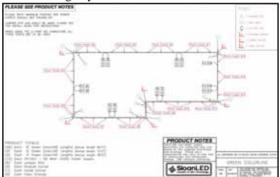
### **Best Results**

- · Bright, vivid signs
- · On time deliveries
- Reliability and dependability
- Large-scale program capabilities
- · Satisfied customers and end users

### ChanneLED Layout



### **Border Tubing Layout**



### **Warranty:**

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

- Red, orange, amber, and yellow colors 5 years
- Green, blue and white 3 years

- ChanneLED white 4 years
- Power Supplies 5 years

### Available at:





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