

PETROLEUM APPLICATION GUIDE

Exterior & Interior LED lighting

Global



The **complete solution**
for all your lighting needs.

Fuel your success.

Invest in the best with energy-efficient lighting solutions from **SloanLED**.

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 65 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 the industries best product and labor warranties.



TABLE OF CONTENTS

EXTERIOR LIGHTING

Canopy	Page 3-4
Area Lighting	Page 5
Car Wash.....	Page 6
Garage	Page 7
Flood Lighting.....	Page 8

INTERIOR LIGHTING

Downlighting	Page 9
Interior Recessed / Surface	Page 10

REFRIGERATED DISPLAY

Retail Lighting Fixtures.....	Page 11
-------------------------------	---------

SIGN LIGHTING

Border Tube, Cove, & Fascia	Page 12-13
Sign Cabinet / Box.....	Page 14
Channel Letter	Page 15

HighLINER 3

HighLINER 3 is a versatile product for canopies, soffits, awnings, and wall washes, that walks the line between sign and indoor/outdoor ambient lighting and offers natural, white, outdoor and indoor linear illumination for both new construction and retrofit projects, while saving energy, and reducing maintenance costs, for a brilliant bottom line.

- Easy installation in new construction and retrofit projects
- Improves walkway / aisle visibility and building aesthetics
- Co-extruded impact modified acrylic housing diffuses light and protects luminaire to provide long operating life
- Sealed to lock out moisture for even the most challenging applications
- 100,000 hours calculated life

HighLINER 3

Dimensions L x W x H	0.3, 0.6, 1.2, 1.8, 2.4 m x 60 mm x 26 mm
Color temp. (CCT)*	5000 K
Distribution	Linear
Lumen output	559 - 4,861
Warranty	10-yr Product

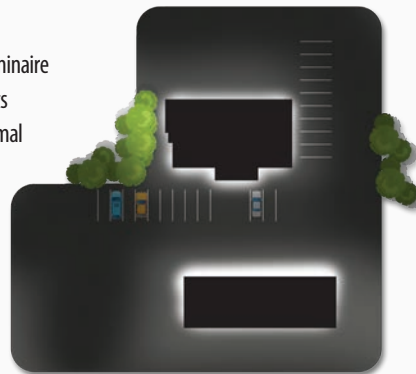


‡ Contact SloanLED Sales for additional CCT options.

EdgeView Canopy Luminaire

Beyond the edge of the ordinary lies the extraordinary! EdgeView Canopy Luminaire delivers unparalleled value and efficiency to refueling station canopies with its slim, lightweight design for fast, easy, one-person installation, excellent thermal management, and lower energy consumption than competing fixtures.

- Unique design directs attention to station by delivering bright, uniform illumination to the forecourt using light from the canopy
- Fast, easy, one-person installation
- Slim form factor for a recessed look under canopy
- Faster ROI, lower energy cost, and virtually maintenance free
- 5-year limited warranty



BEFORE



AFTER

EdgeView Canopy Luminaire

Dimensions L x W x H	406 mm square x 25 mm
Color temp. (CCT)*	5000 K
Efficacy	125 lm/W
Lumens	12,500
Warranty	5-yr Product



* Available by special order, please contact SloanLED for lead times.

CANOPY

Exterior Lighting Fixtures

For more information,
visit SloanLED.com

PDL3 MODUS

PDL3 MODUS sets a new standard in canopy/soffit lighting with its slim, lightweight, 25 mm design, optimized Type V symmetric distribution, field adjustable outputs, and IP68 rating offering the industries best protection from dust and water intrusion.



- Standard power supply module includes three field-selectable lumen output power settings: Low (36, 50, 64 W output), Medium (76, 98, 119 W output), and High (123, 141, 164 W output)
- Superior efficacy, up to 159 lm/W, for lower energy consumption and a smaller carbon footprint ATEX certified for use in hydrogen and petroleum fuel station canopies
- Faster ROI, industry-leading 10-year warranty, and virtually maintenance-free
- Energy savings up to 250% over typical HID fixtures and 20% over most competitor LED fixtures

PDL3 MODUS, 75 W

Dimensions L x W x H 406 x 406 x 25 mm

Color temp. (CCT) 4000 K*, 5000 K

Distribution Symmetric (Type V)

Lumen output 5,670 - 9,951

Warranty 10-yr Product

IP68 RoHS Compliant

* Available by special order,
please contact SloanLED for lead times.

PDL3 MODUS, 150 W

Dimensions L x W x H 406 x 406 x 25 mm

Color temp. (CCT) 4000 K*, 5000 K

Distribution Symmetric (Type V)

Lumen output 11,540 - 16,880

Warranty 10-yr Product

IP68 RoHS Compliant

* Available by special order,
please contact SloanLED for lead times.

PDL3 MODUS Mini

PDL3 MODUS Mini surface mount LED lighting system puts the power and innovation of the acclaimed PDL3 MODUS in a compact, self-contained design that includes everything needed for fast, one-person installation in outdoor canopy, parking garage, and walk-in cooler applications.



- Industry-leading efficacy, exceeding 159 lm/W for lower energy consumption and a smaller carbon footprint
- Top tier LEDs driven well below recommended safety limits, on both drive current and junction temperature, keep components cool – extending the life of the LEDs
- Available single, multi, and networked zoned occupancy system accessories allow for automated lighting control without radio frequency disruptions
- IP68 luminaire head and IP54 luminaire body protect your investment against rain and water splash

PDL3 MODUS Mini, 75 W

Dimensions L x W x H 330 x 330 x 90.5 mm

Color temp. (CCT) 4000 K*, 5000 K

Distribution Symmetric (Type V)

Lumen output 5,670 - 9,951

Warranty 10-yr Product

IP68 RoHS Compliant

* Available by special order,
please contact SloanLED for lead times.

PDL3 MODUS Mini, 150 W

Dimensions L x W x H 330 x 330 x 90.5 mm

Color temp. (CCT) 4000 K*, 5000 K

Distribution Symmetric (Type V)

Lumen output 11,540 - 16,880

Warranty 10-yr Product

IP68 RoHS Compliant



Also available

MODUS SmartBAY™

The MODUS SmartBAY™ Wireless Control System

is an intelligent lighting control solution that features a wireless mesh (WPAN) control design allowing dimming based on traffic and occupancy detection to deliver the right amount of light—where and when you need it—for incredible ROI and energy savings.

Visit SloanLED.com for more information.



AREA LIGHTING

Exterior Lighting Fixtures



PML4

PML4 pole mount series delivers performance, value, and versatility with a complete suite of options and features automatic circuit disconnect, integrated slipfitter, SPD and control options, and a self-contained fixture design—allowing all light engine and power supply components to be housed inside the body—for unmatched end-user experience in site, parking, and roadway lighting applications.



PML4	Small, 60 W	Medium, 90-120 W	Large, 150-200 W
Dimensions L x W x H	607 x 236 x 111.5 mm	607 x 236 x 111.5 mm	797 x 364 x 121 mm
Color temp. (CCT)	4000 K*, 5000 K (standard)		
Distribution	Type II*, III (standard), V*		
Lumen output	7,879	12,072 - 15,022	19,803 - 26,000
Warranty	5-yr Product		



* Available by special order,
please contact SloanLED for lead times.

CAR WASH

Exterior Lighting Fixtures

For more information,
visit SloanLED.com

Car wash lighting presents several challenges, including high-pressure spray, rigorous cleaning chemicals, and constant high humidity levels. SloanLED offers durable solutions designed to deliver superior illumination in demanding environments and the best protection from dust and water intrusion while saving energy, and reducing maintenance costs, for a brilliant bottom line.

Skyline

Dimensions L x W x H 600 & 1200 x 85 mm x 74 mm

Color temp. (CCT) 4000 K*, 5000 K

Beam angle 120°

Lumen output 2,600 - 6,500

Warranty 5-yr Product



CE   ErP * Available by special order, please contact SloanLED for lead times.

PDL3 MODUS, 75 W

Dimensions L x W x H 406 x 406 x 25 mm

Color temp. (CCT) 4000 K*, 5000 K

Distribution Symmetric (Type V)

Lumen output 5,670 - 9,951

Warranty 10-yr Product



IP68  * Available by special order, please contact SloanLED for lead times.

PDL3 MODUS, 150 W

Dimensions L x W x H 406 x 406 x 25 mm

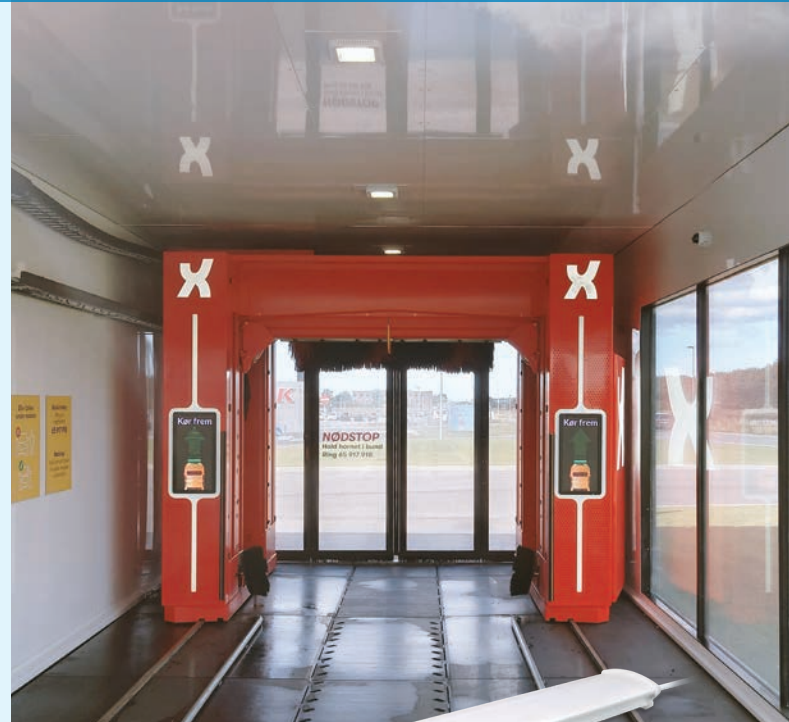
Color temp. (CCT) 4000 K*, 5000 K

Distribution Symmetric (Type V)

Lumen output 11,540 - 16,880

Warranty 10-yr Product

IP68  * Available by special order, please contact SloanLED for lead times.



HighLINER 3

Dimensions L x W x H 0.3, 0.6, 1.2, 1.8, 2.4 m x 60 mm x 26 mm

Color temp. (CCT)* 5000 K

Distribution Linear

Lumen output 559 - 4,861

Warranty 10-yr Product



NSF/ANSI 2  CE  IP68  * Contact SloanLED Sales for additional CCT options.



GARAGE

Exterior Lighting Fixtures



PDL3 MODUS Mini

PDL3 MODUS Mini surface mount LED lighting system puts the power and innovation of the acclaimed PDL3 MODUS in a compact, self-contained design that includes everything needed for fast, one-person installation in outdoor canopy, parking garage, and walk-in cooler applications.

PDL3 MODUS Mini, 75 W

Dimensions L x W x H	330 x 330 x 90.5 mm
Color temp. (CCT)	4000 K*, 5000 K
Distribution	Symmetric (Type V)
Lumen output	5,670 - 9,951
Warranty	10-yr Product

IP68  RoHS Compliant

* Available by special order, please contact SloanLED for lead times.

Skyline

Skyline linear vapor tight fixtures are designed to replace linear fluorescent lighting or for new construction where ceiling or pendant mounting in a weatherproof environment is required. Tri-proof IP65 design resists water, dust, and bugs from entering. Its extruded aluminum body and polycarbonate diffuser are designed to look and run cool.

Skyline

Dimensions L x W x H	600 & 1200 x 85 mm x 74 mm
Color temp. (CCT)	4000 K, 5000 K
Beam angle	120°
Lumen output	2,600 - 6,500
Warranty	5-yr Product

    **ErP**

FLOOD LIGHTING

Exterior Lighting Fixtures

For more information,
visit SloanLED.com

Cairo Floodlights

Cairo Floodlight is an HID fixture replacement for landscape, architectural wall wash, and signage lighting. It features three lumen packages, optional beam angles, and rugged, diecast construction. Together with the Cairo Floodlight's IP66-rated versatile design, it's the ideal solution for any outdoor task or accent lighting application.

NEW PRODUCT

Cairo Floodlight, 50 W

Dimensions L x W x H	220 x 283 x 52
Color temp. (CCT)	5000 K
Distribution	120° standard, or 30°, 60°, 90°, Type III or Type IV options
Lumen output	7,000
Warranty	5-yr Product

CE FCC IP66 

NEW PRODUCT

Cairo Floodlight, 100 W

Dimensions L x W x H	278 x 369 x 52
Color temp. (CCT)	5000 K
Distribution	120° standard, or 30°, 60°, 90°, Type III or Type IV options
Lumen output	15,000
Warranty	5-yr Product

CE FCC IP66 



NEW PRODUCT

Cairo Floodlight, 150 W

Dimensions L x W x H	392 x 394 x 57
Color temp. (CCT)	5000 K
Distribution	120° standard, or 30°, 60°, 90°, Type III or Type IV options
Lumen output	22,500
Warranty	5-yr Product

CE FCC IP66 

DOWNLIGHTING

Interior Lighting Fixtures



RD Series

The SloanLED RD Series of LED downlights offer exceptional performance and quality for spot, task, and wall washing in retail and commercial applications. The high efficacy yields energy savings of more than 90% over incandescent and more than 60% over CFL. Payback typically occurs in less than one year.

RDA

The Recessed Downlight – Adjustable (RDA) is a sealed parabolic reflector spotlighting fixture that provides even distribution, high-punch lighting while preventing insect ingress into the fixture. The fully adjustable fixture rotates horizontally 360° and vertically 70°.

Adjustable (RDA)

Dimensions Dia. x H	Ø150 x 132 mm
Color temp. (CCT)	4000 K
Beam angle	20°
Lumen output	2,037 (nominal)
Warranty	5-yr Product



RDL

The Recessed Downlight – Large (RDL) is a sealed front diffused lens fixture that provides even distribution, non-glare lighting while preventing insect and moisture ingress behind the lens.

RDS

The Recessed Downlight – Small (RDS) is a sealed front diffused lens fixture that provides even distribution, non-glare lighting while preventing insect and moisture ingress behind the lens.

Small (RDS)

Dimensions Dia. x H	Ø130 x 80 mm
Color temp. (CCT)	4000 K
Beam angle	90°
Lumen output	1,410 (nominal)
Warranty	5-yr Product



Large (RDL)

Dimensions Dia. x H	Ø224 x 101.5 mm
Color temp. (CCT)	4000 K
Beam angle	2 x 51°
Lumen output	2,010 / 2,605
Warranty	5-yr Product



INTERIOR RECESSED/SURFACE

Interior Lighting Fixtures

For more information,
visit SloanLED.com



SloanLED Horizon 600 x 600 mm



Dimensions L x W x H 595 x 595 x 33 mm

Color temp. (CCT) 4000 K, 5000 K*

Wattage 40 W

Lumen output 4,963 - 5,104

Warranty 5-yr Product



* Available by special order,
please contact SloanLED for lead times.

Skyline

Dimensions L x W x H 600 & 1200 x 85 mm x 74 mm

Color temp. (CCT) 4000 K, 5000 K

Beam angle 120°

Lumen output 2,600 - 6,500

Warranty 5-yr Product



SloanLED Horizon 600 x 1200 mm



Dimensions L x W x H 1195 x 595 x 33 mm

Color temp. (CCT) 4000 K, 5000 K*

Wattage 48 W

Lumen output 5,882 - 6,090

Warranty 5-yr Product



* Available by special order,
please contact SloanLED for lead times.

HighLINER 3

Dimensions L x W x H 0.3, 0.6, 1.2, 1.8, 2.4 m x 60 mm x 26 mm

Color temp. (CCT)* 5000 K

Distribution Linear

Lumen output 559 - 4,861

Warranty 10-yr Product



IP68

RoHS
Compliant

‡ Contact SloanLED
Sales for additional
CCT options.

REFRIGERATED DISPLAY

Retail Lighting Fixtures

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 Door 4 French Doors

Color temp. (CCT) 3500 K, 4000 K, 5000 K

CRI >80

Lumen output 1,140 - 3,468

Warranty 5-yr Product



Cold Door 4 ECO

Color temp. (CCT) 3500 K, 4000 K, 5000 K

CRI >80

Lumen output 600 - 1,616

Warranty 5-yr Product



Cold Door 4 Performance

Color temp. (CCT) 3500 K, 4000 K, 5000 K

CRI >80

Lumen output 840 - 2,555

Warranty 5-yr Product



Dimensions L x W x H

**Cold Door 4 ECO,
French Door &
Performance**

Center: 1.2, 1.5, 1.7, & 1.8 m

x 38.1 mm x 18.3 mm

End: 1.2, 1.5, 1.7, & 1.8 m

x 23.1 mm x 18.3 mm

BORDER TUBE, COVE, & FASCIA

Sign Lighting Products

For more information,
visit SloanLED.com

Border tubing and accent LED lighting allows for creative sign solutions. SloanLED proudly offers three LED tubing solutions to fit your application. We bring more than 20 years of experience in designing and manufacturing high performance, reliable, long-lasting LED border tube products. Successful brands, who mean business, choose SloanLED.

LEDStripe 24V

Dimensions L x W x H 0.3", 0.6, 1.2, 1.8, 2.4, & 3.0 m x 25 mm x 43 mm

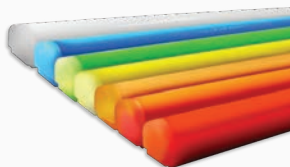
Colors Red, Orange, Amber, True Yellow, Green, Blue, White, Lemon Yellow†

Warranty 5-yr Product Warranty



* U.S. & Canada only.

† Lemon Yellow illuminates lighter than its daytime color. Lemon Yellow daytime color is Amber.



ColorLINE

Dimensions L x W x H 0.6, 1.2, 1.8, & 2.4 m x 11 mm x 25 mm

Colors Red, Orange, Yellow, Green, Blue, White (6500 K), Warm White (3500 K). Colors retain hue when non-illuminated.

Warranty 5-yr Product Warranty



FlexiBRITE²⁴

NEW PRODUCT

Dimensions L x W x H 1.5 & 6.0 m x 15.2 mm x 25.7 mm

Colors Ruby Red, Citrus Orange, Noviol Gold, Emerald Green, Bromo Blue, Snow White. Colors retain hue when non-illuminated.

Warranty 5-yr Product Warranty



SloanLED LEDBlade

Dimensions L x W x H 1.5 m x 25 mm x 25 mm

Color temp. (CCT) 6500 K

Distribution Asymmetric

Lumen output 3,118 per assembly

Warranty 10-yr Product & 5-yr Labor Warranty



HighLINER 3

Dimensions L x W x H 0.3, 0.6, 1.2, 1.8, 2.4 m x 60 mm x 26 mm

Color temp. (CCT)* 5000 K

Distribution Linear

Lumen output 559 - 4,861

Warranty 10-yr Product Warranty



‡ Contact SloanLED Sales for additional CCT options.

BORDER TUBE, COVE, & FASCIA

Sign Lighting Products



Street Wrap™ Series

Street Wrap™ Series edge and border LED illumination—in flexible and rigid solutions—adds eye-catching neon-like appeal to any architectural or signage application, with all the cost savings of LEDs.



Street Wrap Flex Side-Bend

NEW PRODUCT

Min. bend radius	60 mm, bends side to side
Colors	White (6500 K, 5000 K, 4000 K), Red, Pink, Orange, Yellow, Green, Cyan, Blue, RGB
Warranty	5-yr Product & Labor Warranty



Street Wrap Flex Pod

NEW PRODUCT

Min. bend radius	152 mm, bends front to back
Colors	White (6500 K, 5000 K, 4000 K), Red, Pink, Orange, Yellow, Green, Cyan, Blue, RGB
Warranty	5-yr Product & Labor Warranty



Street Wrap Flex Back-Bend

NEW PRODUCT

Min. bend radius	60 mm, bends front to back
Colors	White (6500 K, 5000 K, 4000 K), Red, Pink, Orange, Yellow, Green, Cyan, Blue, RGB
Warranty	5-yr Product & Labor Warranty



Street Wrap Flex Wide

NEW PRODUCT

Min. bend radius	203 mm, bends front to back
Colors	White (6500 K), Red, Pink, Green, Cyan, Blue, RGB
Warranty	5-yr Product & Labor Warranty



Street Wrap Flex Mini

NEW PRODUCT

Min. bend radius	6.4 mm
Colors	White (6500 K, 5000 K, 4000 K), Red, Pink, Orange, Yellow, Green, Cyan, Blue, RGB
Warranty	5-yr Product & Labor Warranty



SIGN CABINET / BOX

Sign Lighting Products

For more information,
visit SloanLED.com



Sign Cabinet/Box Lighting Solutions

SloanLED offers brilliant sign lighting solutions for single and double-sided, narrow to large, new and retrofit, box and cloud signs. Our products are designed and engineered with sign makers in mind, to provide bright, even illumination, incredible ROI, and fast, easy installation. We spend our time inside the box, to provide lighting solutions that go beyond the box to brighten your bottom line.



Shallow/narrow cabinets

PosterBOX ID

- Illuminate box widths up to 3 m by placing product on opposing sides of display
- Top-tier LED chips and high-performance optics



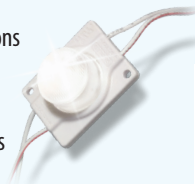
PosterBOX 3

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



PosterBOX Mini

- Cost effective, edge-lit cabinet lighting solution for applications as shallow as 50 mm deep
- Innovative design and adjustable spacing make installation easy for a variety of light boxes of different depths and shapes



PosterBOX Slim 2

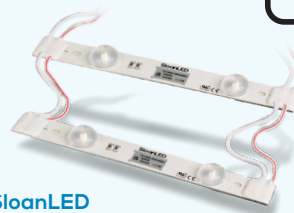
- Optimal for single and double-sided sign cabinets as shallow as 50 mm, such as: Indoor textile prints and movie posters
- Excellent white light intensity and uniformity



NOW WITH
**IMPROVED
EFFICACY**

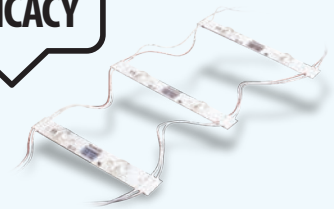
SloanLED BrightLINE 2

- Ideal for shallow, single-sided, fabric-face light boxes 30 - 120 mm deep



SloanLED BrightLINE Outdoor

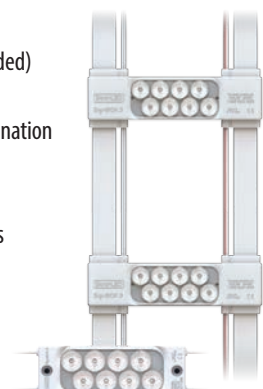
- Ideal for shallow, single-sided, push-through signs and light boxes 30 -200 mm deep



Single or double sided sign boxes

SignBOX 3

- Available in Strapped (single and double-sided) and Module (single-sided) options
- Engineered to deliver bright, uniform illumination in new or retrofit sign cabinets
- Secures to existing fluorescent wireways or sign structure and features flexible straps for easy transportation and installation



CHANNEL LETTER

Sign Lighting Products

Channel Letter Lighting Solutions

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

Extraordinary solutions are built on bright choices

SloanLED provides more than just lighting products. We're your trusted partner, providing high-efficiency, long lasting light solutions that represent significant energy and maintenance cost savings, easy installation, faster ROI, and exceptional performance with consistent brightness and uniformity, which is what makes SloanLED the bright choice.



VALUE

12 VDC 24 VDC			
VL5 Everyday channel letter lighting solutions			
MODS/M	COLORS	LUMENS/MOD	EFFICACY
VL5 Mini (12V) Small channel letters			
6.6	White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	65	173 lm/W
VL5 (12 & 24V) Standard channel letters			
4.0	White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	130	173 lm/W
VL5 HO (12 & 24V) Large channel letters			
2.1	White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	260	173 lm/W

VL5 Nano (12V)

Everyday 12 VDC LED lighting solution for block acrylic signs and small channel letters

VL5 Super HO (24V)

Everyday 24 VDC LED lighting solution for large, deep channel letter and light box applications

PERFORMANCE

12 VDC			
SloanLED Prism¹² Nano+ High-performance 12 VDC lighting solution for block acrylic signs and small channel letters			
MODS/M	COLORS	LUMENS/MOD	EFFICACY
SloanLED Prism¹² Nano+ Whites Small channel letters			
7.6/m	White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	Up to 35	Up to 160 lm/W
SloanLED Prism¹² Nano+ Colors Small channel letters			
7.6/m	Red, Green, and Blue	Up to 13.5	Up to 104 lm/W

PERFORMANCE+

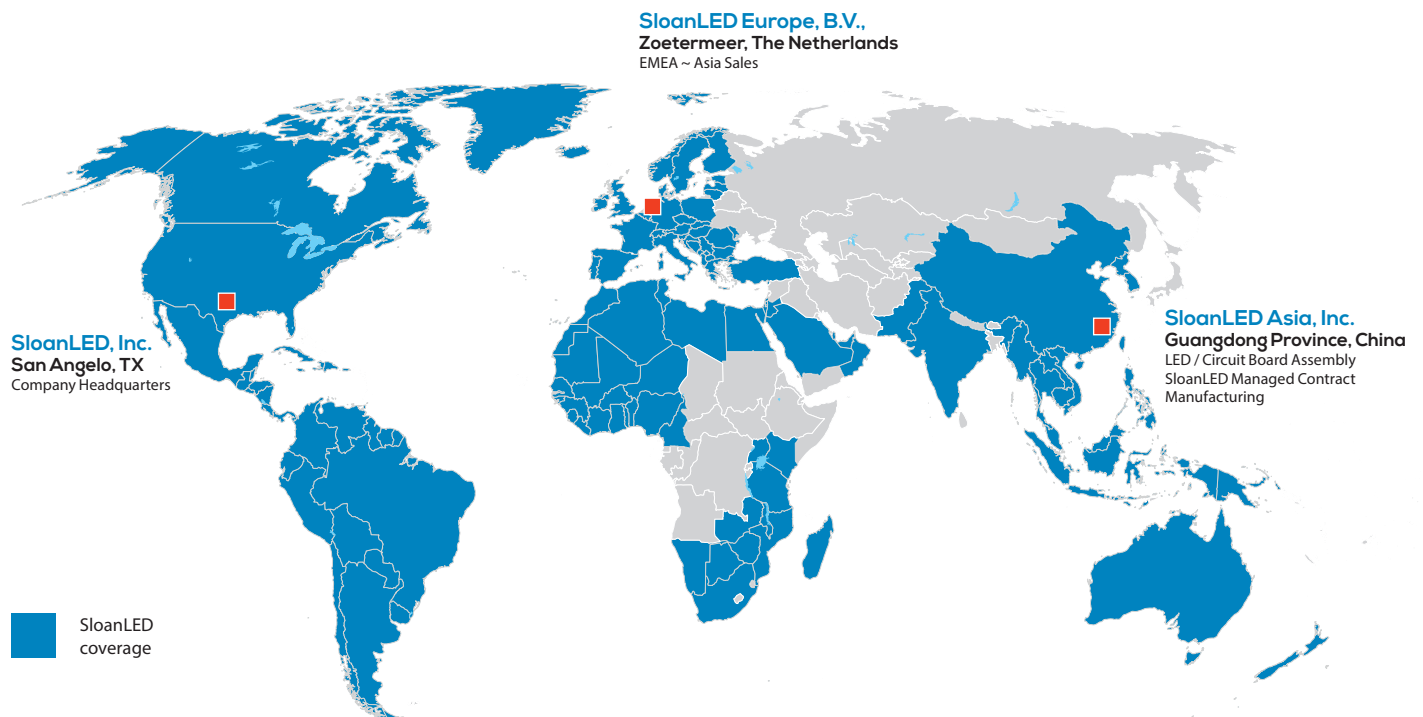
24 VDC			
SloanLED Prism²⁴ High-performance 24 VDC channel letter lighting solutions			
MODS/M	COLORS	LUMENS/MOD	EFFICACY
SloanLED Prism²⁴ Mini Small channel letters			
8.2/m	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, and Blue	Up to 40	Up to 100 lm/W
SloanLED Prism²⁴ Standard channel letters			
3.9/m	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, and Blue	Up to 138	Up to 160 lm/W
SloanLED Prism²⁴ HO Large channel letters			
2.6/m	White (6500 K, 5000 K)	180	150 lm/W

SloanLED Prism²⁴ LP

Premium 24V LED lighting solution for low-profile channel letters

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.



SloanLED Europe b.v.
Argonstraat 110, 2718 SN Zoetermeer, NL
+31 88 12 44 900 • europe@SloanLED.com

SloanLED Headquarters
3490 Venture Dr., San Angelo, TX, USA
325 227 4577 • info@SloanLED.com



SloanLED.com

Specifications subject to change without notice.
© 2024 SloanLED Rev K 2024-09-23

