

PETROLEUM APPLICATION GUIDE

Exterior & Interior LED lighting

Global



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

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.



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Fuel your success.

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



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

CANOPY

Exterior Lighting Fixtures

For more information,
visit SloanLED.com

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.

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.



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.



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



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

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



* 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.



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



* 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



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

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.

Optimus 2

Optimus 2 LED pole mount lights feature a full selection of optics, mounting options, and outputs, making it flexible enough to suit any outdoor lighting need. Ideal for schools, offices, retail, fuel stations, and parking lots, Optimus 2 is designed for high-performance, durability, and fast, easy installation and connection.



Optimus	Small, 60 - 100 W	Medium, 150-200 W	Large, 300 W
Dimensions L x W x H	353 x 342 x 83 mm	465 x 342 x 83 mm	570 x 370 x 90 mm
Color temp. (CCT)	4000 K*, 5000 K		
Distribution	Type II, III, IV, V		
Lumen output	8,628 - 14,167	20,348 - 29,990	38,078 - 41,652
Warranty	5-yr Product		



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

Twilight

Dimensions	450 mm Dia. x 509 mm H
Color temp. (CCT)	4000 K*, 5000 K
Beam optics	Non-standard Type II and Type V
Lumen output	2,826 - 9,147
Warranty	5-yr Product & 2-yr On-site Labor/Service Warranty



* 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

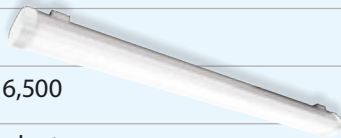
Dimensions L x W x H 600 & 1200 x 85 mm x 74 mm

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

Beam angle 120°

Lumen output 2,600 - 6,500

Warranty 5-yr Product



CE  SAA 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

   IP68  ‡ Contact SloanLED Sales for additional CCT options.



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

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

IP68  **RoHS Compliant**

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

  **SAA ErP**

WALL MOUNT

Exterior Lighting Fixtures

For more information,
visit SloanLED.com



Detroit

Detroit semi-cutoff wall pack fixtures provide great security or broad area lighting in alleyways, commercial parks, and commercial/manufacturing facilities. Designed with lumen outputs of 5,000 to 16,000, they are a perfect retrofit for 250 W to 400 W HID fixtures.

Detroit

Dimensions L x W x H
45 W: 137 x 356 x 159 mm
70 W: 121 x 356 x 198 mm
100 & 150 W: 227 x 370 x 198 mm

Color temp. (CCT) 4000 K, 5000 K

Distribution Forward throw

Lumen output 5,450 - 16,686

Warranty 5-yr Product



CE FC  LISTED **IP65**  RoHS Compliant

Portland

Portland full-cutoff wall pack fixtures provide a glare-free pathway and architectural wall light in retail malls, condominiums and apartments, business parks, and educational facilities. Designed for Dark Sky compliance, they are the first choice for public areas that are light sensitive.

Portland

Dimensions L x W x H 125 x 355 x 207 mm

Color temp. (CCT) 4000 K, 5000 K

Distribution Forward throw

Lumen output 5,946 (45 W),
8,463 (70 W)

Warranty 5-yr Product



CE FC  LISTED **IP65**  RoHS Compliant

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 FC 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 FC 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 FC IP66 

DOWNLIGHTING

Interior Lighting Fixtures

For more information,
visit SloanLED.com



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 Ø180 x 95 mm

Color temp. (CCT) 4000 K

Beam angle 90°

Lumen output 2,000 (nominal)

Warranty 5-yr Product



INTERIOR RECESSED/SURFACE

Interior Lighting Fixtures



SloanLED Horizon

SloanLED Horizon is designed to replace fluorescent fixtures with a fresh, modern look in commercial, retail, and business environments, and features suspension and surface mounting options for easy, secure installation in a wide range of applications.

The smooth light output, quality construction, dimming options, and superior efficacy make SloanLED Horizon the bright choice.

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



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.



* 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



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.

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	Center: 1.2, 1.5, 1.7, & 1.8 m x 38.1 mm x 18.3 mm
Cold Door 4 ECO, French Door & Performance	End: 1.2, 1.5, 1.7, & 1.8 m x 23.1 mm x 18.3 mm

BORDER TUBE, COVE, & FACZIA

Sign Lighting Products

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.

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




IP66




LEDStripe

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

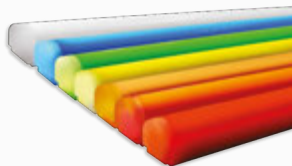
Colors Red, Orange, Amber, True Yellow, Green, Blue, White, Lemon Yellow†

Warranty 5-yr Product Warranty




IP66


* U.S. & Canada only.
† Lemon Yellow illuminates lighter than its daytime color. Lemon Yellow daytime color is Amber.



FlexiBRITE

Dimensions L x W x H 0.6 & 3.0 m x 15 mm x 25 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




IP66




SloanLED LEDBlade

NEW PRODUCT

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



IP66




HighLINER 3

NEW PRODUCT

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




IP68


† Contact SloanLED Sales for additional CCT options.



SIGN CABINET / BOX

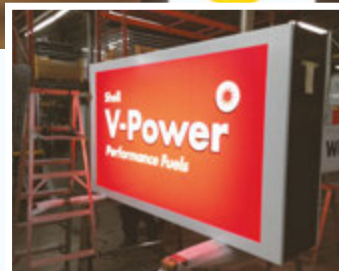
Sign Lighting Products

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

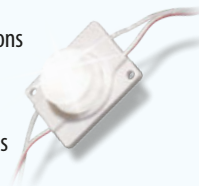
PosterBOX 3

- 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



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



SloanLED BrightLINE 2

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

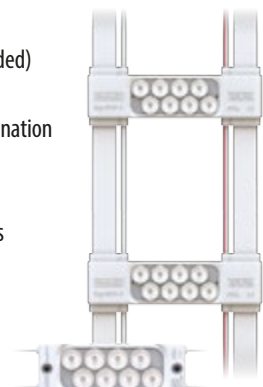
SloanLED BrightLINE Outdoor

- 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

VL4
Everyday channel letter lighting solutions

MODS/M	COLORS	LUMENS/ MOD	EFFICACY
VL4 Mini Small channel letters			
8.2/m	White (6500 K, 5000 K, 3000 K)	40	111 lm/W
VL4 Standard channel letters			
4.6/m	White (7200 K, 6500 K, 4000 K), Red, Green, and Blue	Up to 107	Up to 111 lm/W
VL4 HO Large channel letters			
4.9/m	White (6500 K)	130	108 lm/W

VL4 Super HO

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

PERFORMANCE

12 VDC

SloanLED Prism¹²
High-performance 12 VDC channel letter lighting solutions

MODS/M	COLORS	LUMENS/ MOD	EFFICACY
SloanLED Prism¹² Mini Small channel letters			
6.6/m	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, and Blue	Up to 50	Up to 132 lm/W
SloanLED Prism¹² Standard channel letters			
4.9/m	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Orange, Green, and Blue	Up to 124	Up to 135 lm/W

Also available:

SloanLED Prism¹² Nano+

Premium 12V LED lighting solution for block acrylic signs and small channel letters

PERFORMANCE+

24 VDC

SloanLED Prism²⁴
High-performance 24 VDC channel letter lighting solutions

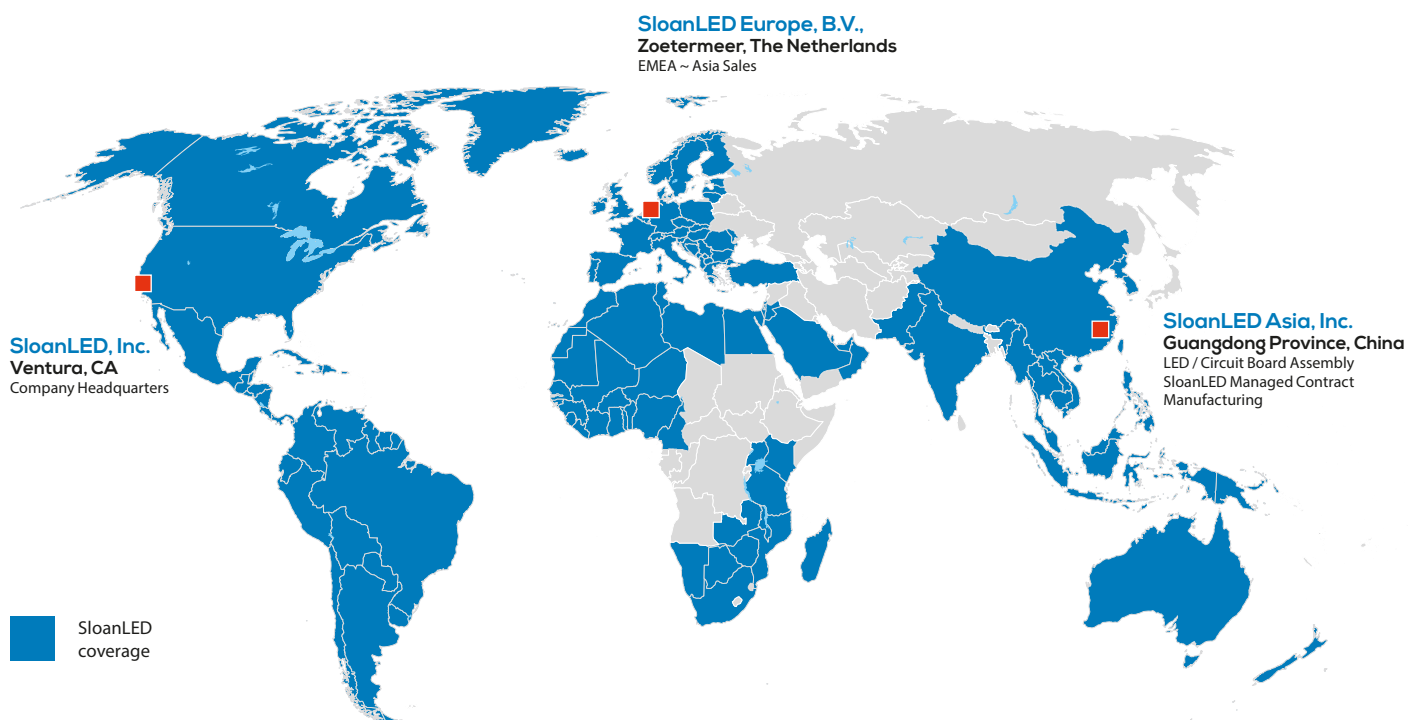
MODS/M	COLORS	LUMENS/ MOD	EFFICACY
SloanLED Prism²⁴ Mini Small channel letters			
8.2/m	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, and Blue	Up to 40	Up to 100 lm/W
SloanLED Prism²⁴ Standard channel letters			
3.9/m	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, and Blue	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.



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