

LED CATALOGUE // 2025

We Brighten Your Brands.

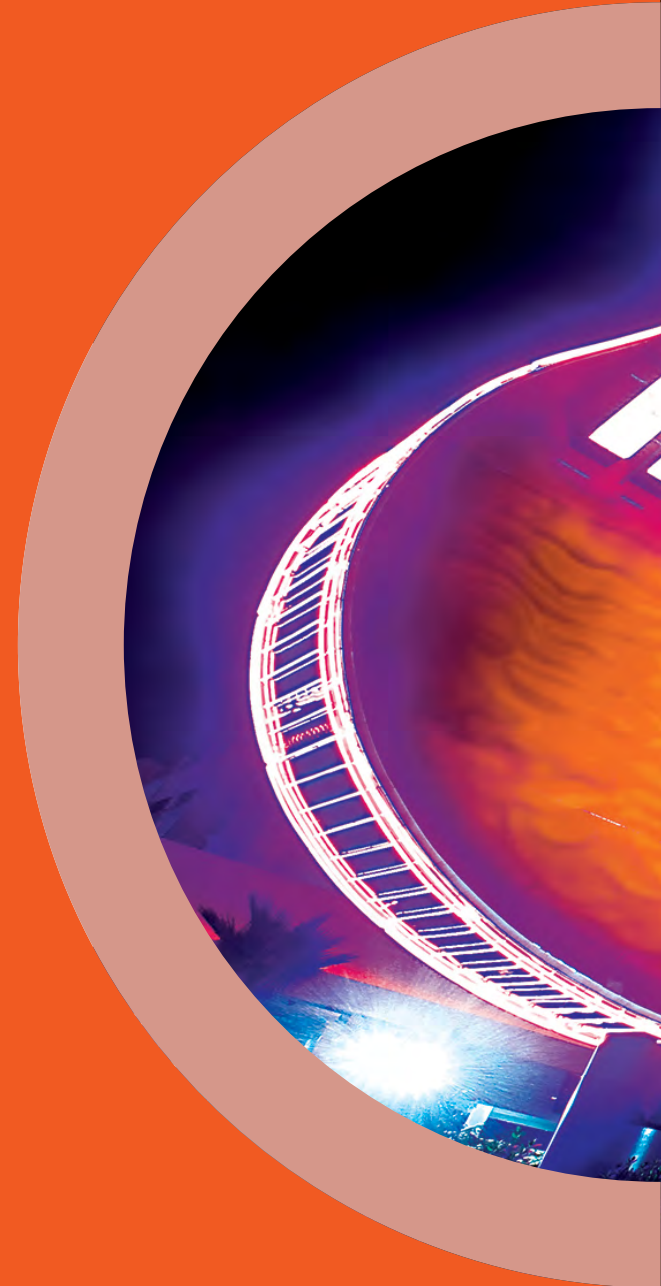


SloanLED®
A Principal Industries Company

SloanLED is the leader in light technology

With nearly 70 years of lighting experience, unparalleled worldwide distribution, and customer support.

As a guiding light in the industry, we brighten your brand and bottom line.





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 high-efficiency, long lasting solutions which don't just brighten your brands; they represent significant energy cost reductions, maintenance cost savings, easy installation, faster ROI, and deliver exceptional performance with consistent brightness and uniformity.



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Sustainability approach

By integrating these strategies, SloanLED hopes to reduce its environmental impact, and contribute to a more sustainable future.

Energy Efficiency

Advanced Technology

Invest in research and development to create more energy-efficient LED products.

Smart Lighting Solutions

Develop and promote LED systems that include smart controls, such as dimmers and motion sensors, to reduce energy consumption.

Sustainable Materials

Eco-friendly Components

Use materials that are less harmful to the environment, such as lead-free solder and mercury-free components.

Manufacturing Process

Waste Reduction

Minimize waste by improving manufacturing processes to reduce material waste and recycling manufacturing byproducts.

Product Lifecycle Management

Extend product lifespan

Design LEDs with longer lifespans to reduce the frequency of replacements, thereby decreasing waste.

Supply Chain Sustainability

Sustainable Sourcing

Work with suppliers who adhere to sustainable practices and source materials responsibly, ensuring they meet environmental and social standards.

Corporate Education and Engagement

Educational Initiatives

Educate consumers about the benefits of LED lighting and how to use them efficiently to save energy and reduce environmental impact.

Eco-friendly Packaging

Use minimal and recyclable packaging to reduce waste and encourage consumers to recycle.

Operational Efficiency

Carbon Footprint Reduction

Aim to reduce the overall carbon footprint through energy-efficient practices, carbon offset programs, and by improving logistics efficiency.



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Content



Letter Lighting

VL4 // 12 + 24 VDC

VL5 // 12 VDC

VL5 // 24 VDC

VL5 Nano // 12 VDC



Poster Boxes

BrightLINE 2 // BrightLINE OD // 24 VDC

PosterBOX 3 // PosterBOX ID // 24 VDC

PosterBOX Mini // PosterBOX Slim 2 // 12 VDC

SignBOX 3 // 24 VDC



Drivers

Quantum Power Supplies // 12 + 24 VDC

Quantum Slim // 12 + 24 VDC

SloanLED Power Supplies // 12 + 24 VDC



Border Tubes

LEDStripe // 24 VDC

ColorLINE // 12 VDC

FlexiBRITE // 24 VDC

FlexiBRITE Side Bend // 24 VDC

FlexiBRITE Back Bend // 24 VDC



Architectural

HighLINER3 // 24 VDC

Spectrum // 12 VDC

FlexTAPE // 12 VDC

Skyline 2 // 24 VDC



Sales teams

EU

ROW

Contact

Meet our team

Pictograms

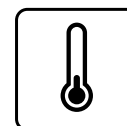
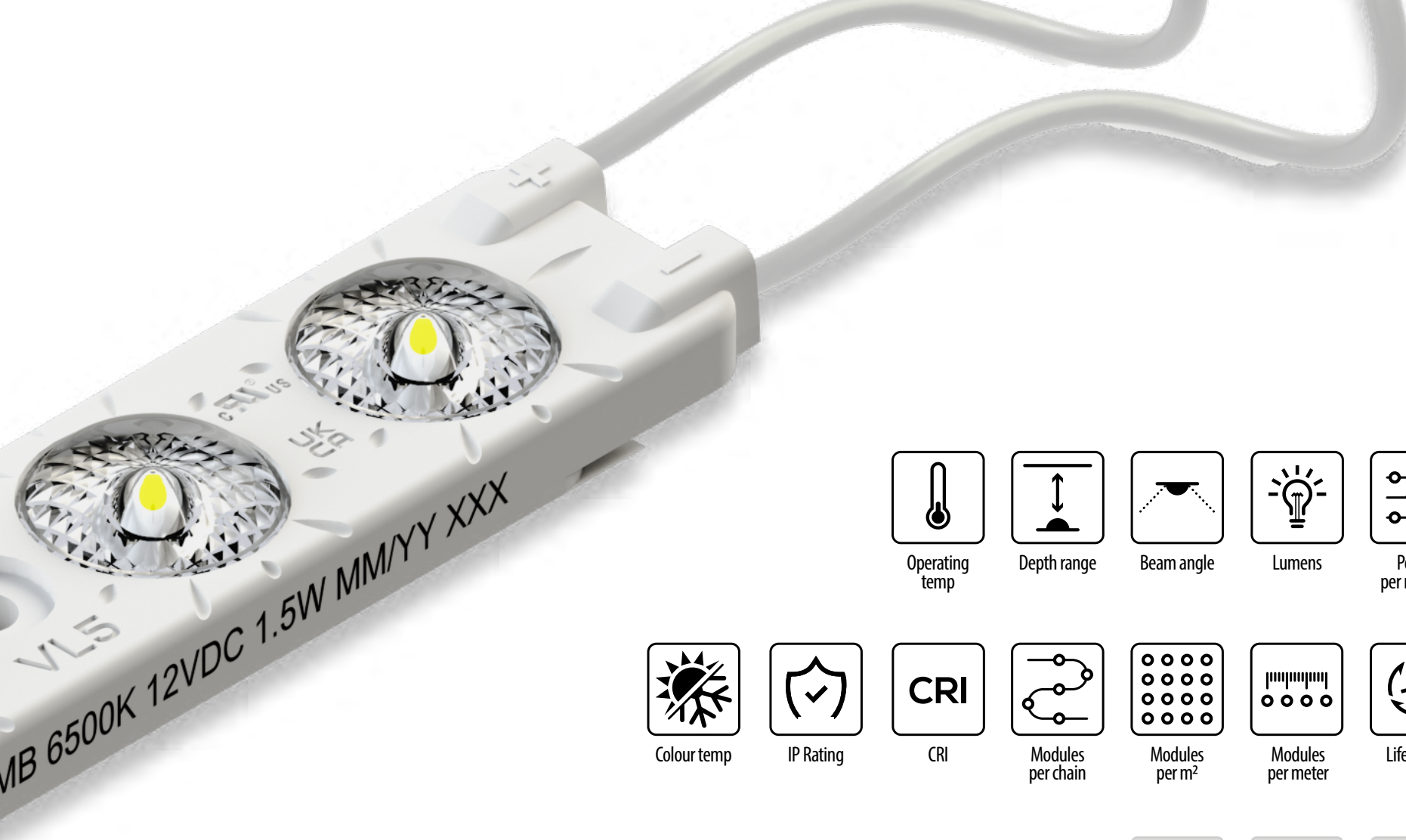
Find all the pictograms of each product



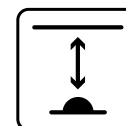
12
VDC

24
VDC

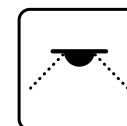




Operating temp



Depth range



Beam angle



Lumens



Power per module



Energy efficiency



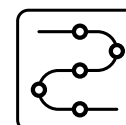
Colour temp



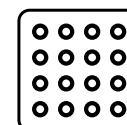
IP Rating



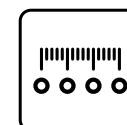
CRI



Modules per chain



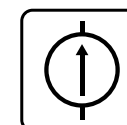
Modules per m²



Modules per meter



Life hours



CC constant current



We Brighten Your Brands

VL4

Everyday Economy Line
channel letter solution

12 **24**
VDC **VDC**

10/5
YEAR
10-Year Product + 5-Year Labor
WARRANTY



SloanLED®
A Principal Industries Company



Expect more from your low-cost Economy Line solution

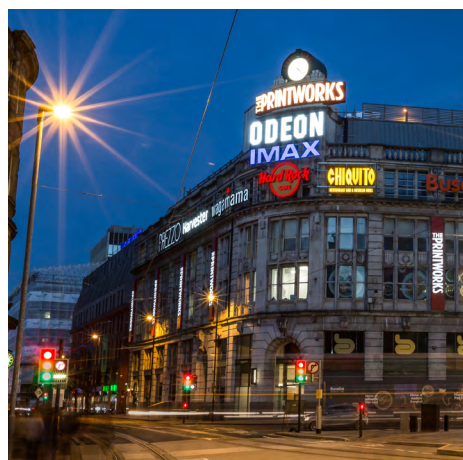
Low-cost channel letter solutions are common today, but not all low-cost channel letter modules are created equal.

VL4 is the everyday Economy Line LED lighting solution that offers **unprecedented value and adaptability** with a complete family of module sizes (Mini, Standard, High Output [HO], and Super HO) for the full range of sign and display applications 50 mm+ deep.

VL4 shatters expectations with prism lens technology for an ultra-wide radiation pattern, an impressive light output of 640 lumens per meter, continuous-release liner for faster installation, and a lifetime rating of over 54,000 hours – delivering both value and performance in a solution that stands the test of time.

Optics designed to make VL4 one of the most powerful and efficient lighting option in its class

Four module sizes available to meet your specific application



VL4 Super
High Output
White

VL4 High
Output
White, Red,
Green, Blue

VL4 Standard
White

VL4 Mini
White, Red,
Green, Blue

The complete solution for all your lighting needs

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.

- Best optics in its class making VL4 a superior option over none-branded solutions
- Available in Mini (White, Red, Green, and Blue), Standard (White), High Output (White, Red, Green, and Blue), and Super High Output (White)
- Innovative peel-n-stick, perforated, one-piece release tape liner reduces installation time by up to 30%
- Use fewer modules per m² for faster installation and lowest cost per sign

VL4 Everyday channel letter lighting solution			
MODS/M	COLOURS	LUMENS/MOD	EFFICACY
VL4 Mini			
8.2	Red	14	39 lm/W
	Green	33	93 lm/W
	Blue	6.7	19 lm/W
VL4 HO			
4.9	Red	42	39 lm/W
	Green	100	93 lm/W
	Blue	20	19 lm/W

VL4 Mini

White, Red, Green, Blue



VL4 High Output

Red, Green, Blue



General Specifications

LEDs per module

Mini	1
Standard	2
HO	3
Super HO	4

Operating temperature

-40° C to +60° C

Kelvin temperature

3000 K, 4000 K, 5000 K, 6500 K, 7200 K

Optional dimming

0-10 V dimming via SloanLED dimmable drivers and optional wired dimming controller

Protection class

IP66

Special feature

Continuous Release Liner (CRL)

Life rating

>54,000 hours to L80 at ≤50° C ambient

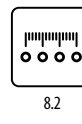
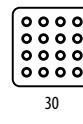
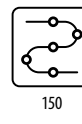
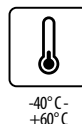
Fastening

Peel-n-stick and mechanical

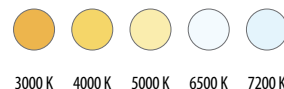
VL4 Mini



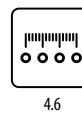
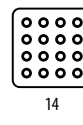
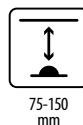
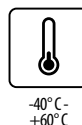
12 VDC



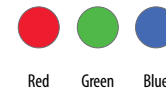
VL4 Standard



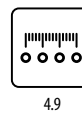
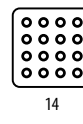
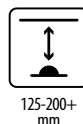
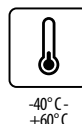
12 VDC



VL4 High Output



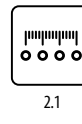
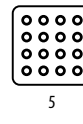
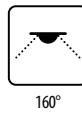
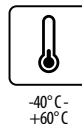
12 VDC



VL4 Super High Output



24 VDC



We Brighten Your Brands

VL5

Mini, Standard, HO

Everyday channel letter
lighting solutions



bonjour



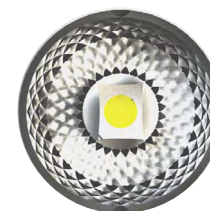
SloanLED®
A Principal Industries Company



The most cost-effective lens-based channel letter module **just got better**

The most powerful option in its class, SloanLED VL5 12V exceeds expectations in channel letter and sign box applications with a new patented, asymmetrical gradient micro-prism (ASGM) lens for up to 30% wider stroke spacing, top tier LEDs for market-leading efficacy, and perforated Continuous Release Liner (CRL), double sided tape for up to 50% faster installation time. The combination of optical physics and decades of sign industry knowledge, this lens-based module is setting new standards in the market.

- Most powerful and efficient module on the market with 210 lm/W LED efficiency and 173 lm/W module efficiency according to EPREL standards
- Use up to 40% LESS MODULES per m² over previous generation for lower cost per sign and faster installation
- Superior lens technology to broadening module spacing up to 3x the channel letter depth
- Constant Current circuit design reduces light loss over longer runs
- Life Of Sign warranty with market leading 10Y limited labour warranty

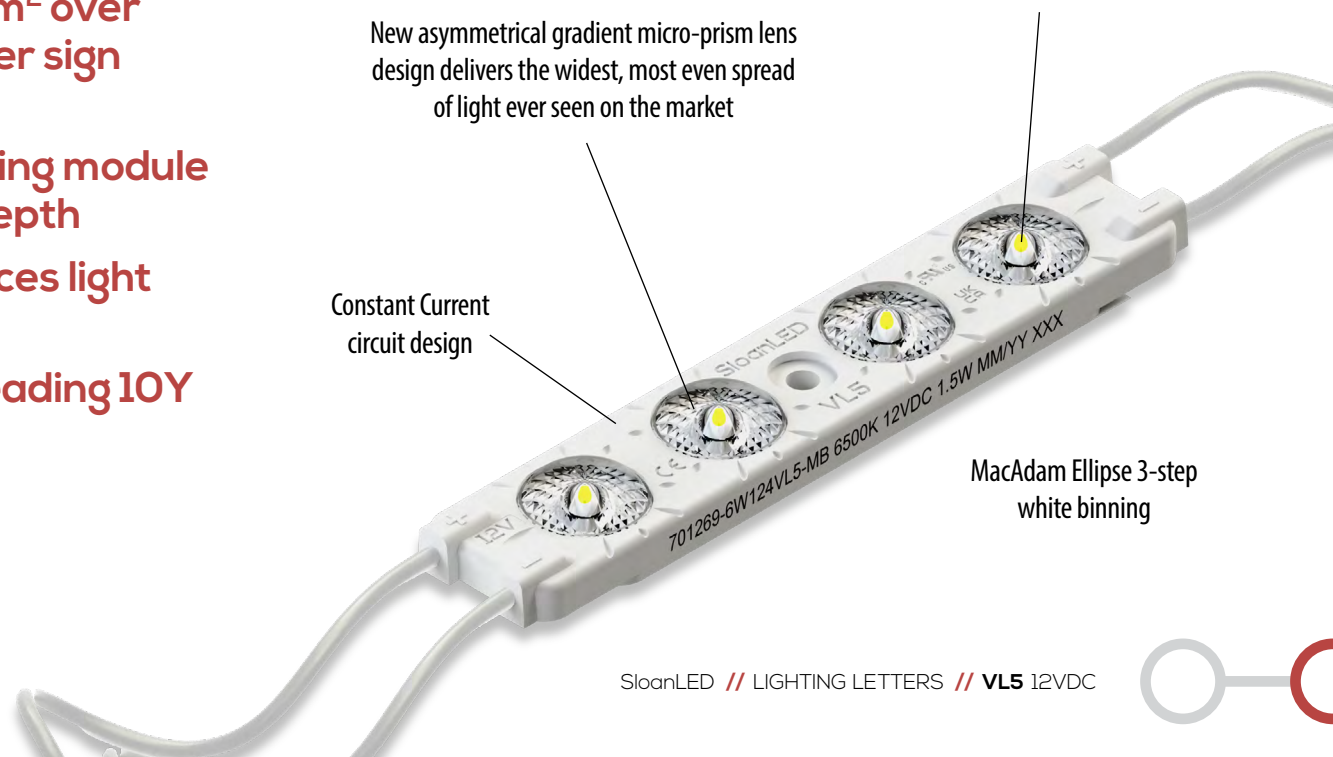


New asymmetrical gradient micro-prism lens design delivers the widest, most even spread of light ever seen on the market

Optimized lens technology for Consistent Colour-over-Angle (CoA) (no yellow/blue/pink rings!)

Constant Current circuit design

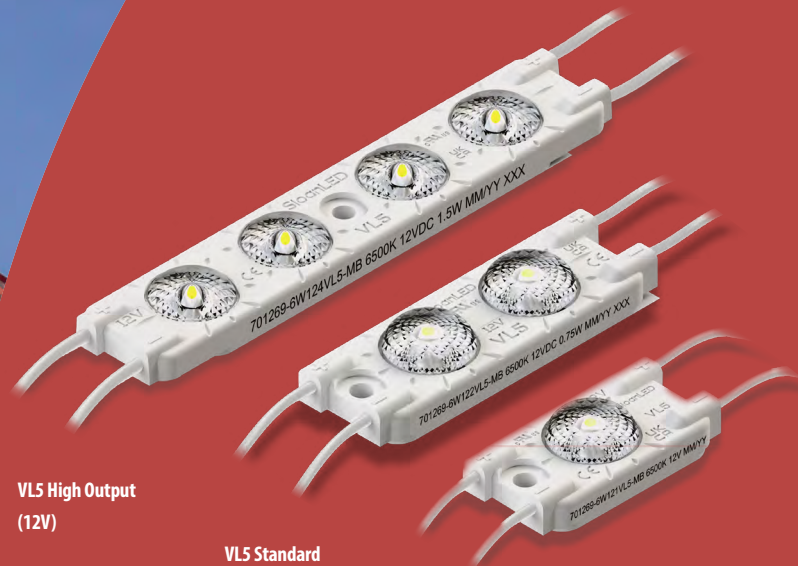
MacAdam Ellipse 3-step white binning



There's no substitute for quality

SloanLED uses the highest caliber components to offer you superior products with the longest lifespans.

This in stark contrast to low-priced LED sign lighting manufacturers that uses cheaper components and drive low-power LEDs at maximum power, maximizing the potential brightness of their products at the expense of longevity. The result is clear - overdriving the LEDs sacrifices sustainability and the reliability and efficacy of these products decline as more electrical energy turns into heat than light.

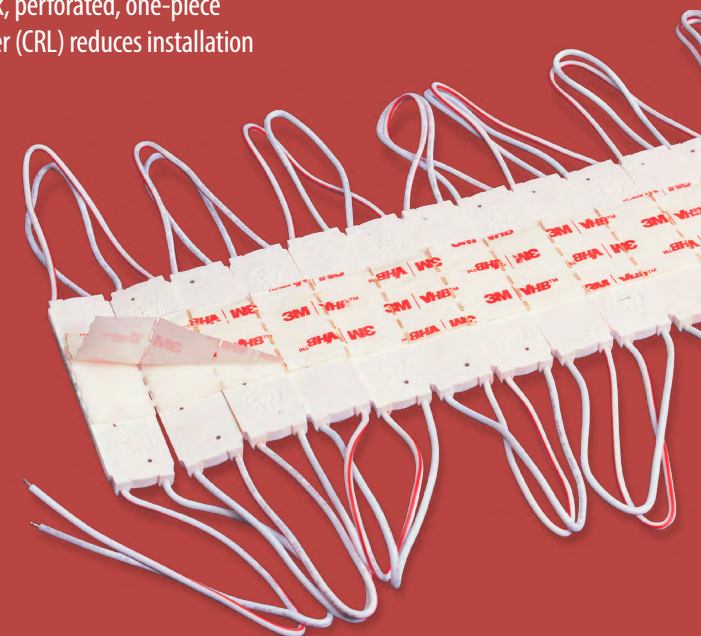


**VL5 High Output
(12V)**

**VL5 Standard
(12V)**

**VL5 Mini
(12V)**

Innovative peel-n-stick, perforated, one-piece
Continues Release Liner (CRL) reduces installation
time by up to 50%





General Specifications

LEDs per module

Mini	1
Standard	2
HO	4

Operating temperature

-40° C to +60° C

Kelvin temperature

3000 K, 4000 K, 5000 K, 6500 K, 7200 K

Optional dimming

0-10 V dimming via SloanLED dimmable drivers and optional wired dimming controller

Protection class

IP66 + IP68 construction

Special feature

Continuous Release Liner (CRL)
Constant Current (CC)

Life rating

>54,000 hours to L80 at ≤50° C ambient

Fastening

Peel-n-stick and mechanical

VL5 Mini



3000 K 4000 K 5000 K 6500 K 7200 K

**12
VDC**



-40° C -
+60° C



35-100
mm



165°



65 lm



0.38 W



173 lm/W



IP66
IP68



75



20



6.6



>54,000
hours



Constant
Current (CC)

VL5 Standard



3000 K 4000 K 5000 K 6500 K 7200 K

**12
VDC**



-40° C -
+60° C



50-150
mm



165°



130 lm



0.75 W



173 lm/W



IP66
IP68



36



10



4



>54,000
hours



Constant
Current (CC)

VL5 High Output



3000 K 4000 K 5000 K 6500 K 7200 K

**12
VDC**



-40° C -
+60° C



125-300+
mm



165°



260 lm



1.5 W



173 lm/W



IP66
IP68



18



2



2.1



>54,000
hours



Constant
Current (CC)

« GO TO CONTENT

We Brighten Your Brands



24
VDC

OPRY

OPRY CITY STAGE
LIVE ENTERTAINMENT
"SHOTGUN WEDDING"
TODAY! NO COVER
RESTAURANT & BAR



SloanLED®
A Principal Industries Company

VL5

Standard, HO, Super HO

Everyday channel letter
lighting solutions

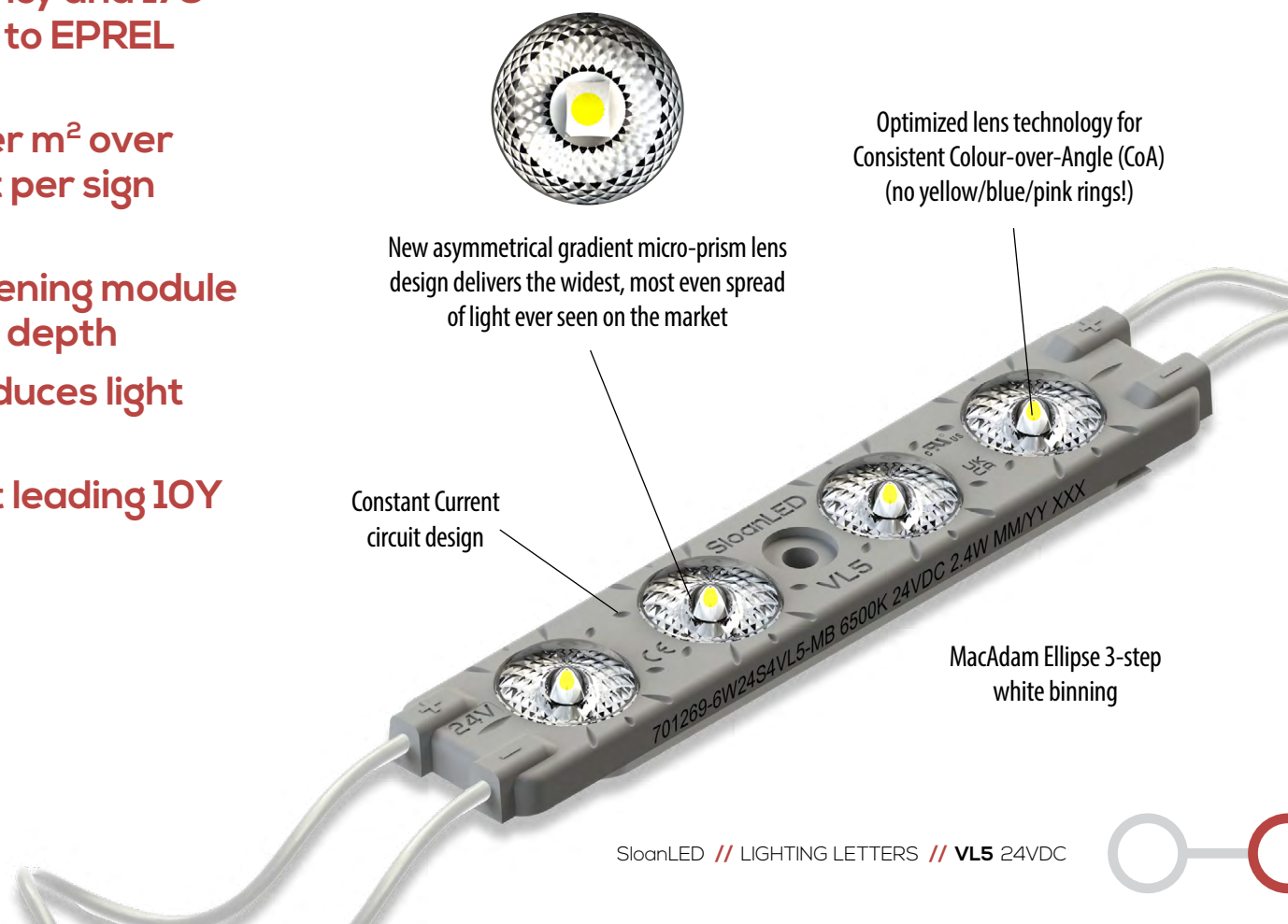




Evolution through Innovation

SloanLED VL5 24V module surpasses its predecessors with increased efficacy, viewing angle of 165 degrees, and a new patented, asymmetrical gradient micro-prism (ASGM) lens for up to 30% wider stroke spacing, top tier LEDs for market-leading efficacy, and perforated Continuous Release Liner (CRL), double sided tape for up to 50% faster installation time. The combination of optical physics and decades of sign industry knowledge, the VL5 24V module is setting new standards in the market offering the sign industry an everyday channel letter lighting solution that delivers performance and reliability, while dramatically eliminating cost.

- Most powerful and efficient module on the market with 210 lm/W LED efficiency and 173 lm/W module efficiency according to EPREL standards
- Use up to 40% LESS MODULES per m² over previous generation for lower cost per sign and faster installation
- Superior lens technology to broadening module spacing up to 3x the channel letter depth
- Constant Current circuit design reduces light loss over longer runs
- Life Of Sign warranty with market leading 10Y limited labour warranty



Go sky high on expectation

VL5 24V is designed for larger channel letters and cabinet boxes. The high performance, super high brightness, and constant current technology makes this module the perfect choice for projects that goes sky high.

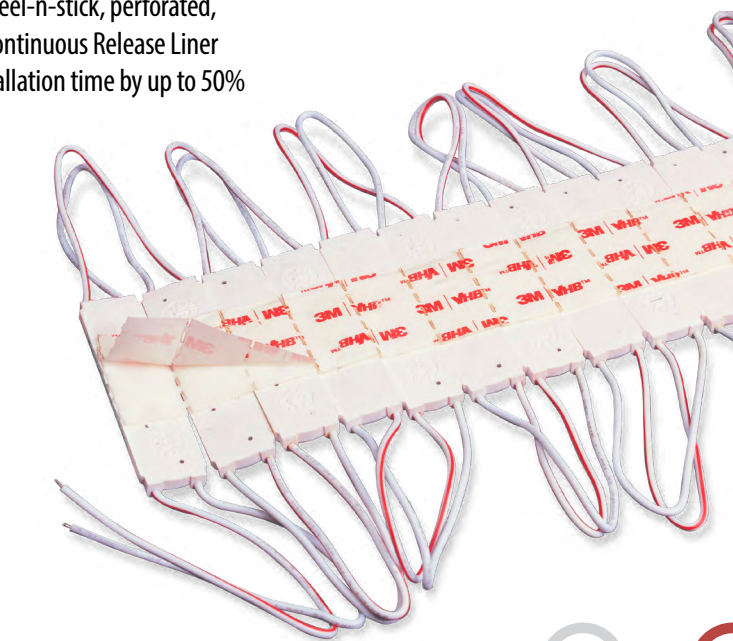
Constant Current is standard with the SloanLED VL5 range. Having no Constant Current will result in an uneven light output over longer product leg length where the load is not balanced. It also might result in overdriving the modules close to the driver while the last modules in the string might be underdriven - in this case, the longer the leg length of modules the lower light output you will get at the end of a led string. Therefore the VL5 24V is the optimal solution for running long leg length in larger signs using less drivers, and less connections - hence reducing the cause for failures.

**VL5 Super High
Output (24V)**

**VL5 High Output
(24V)**

**VL5 Standard
(24V)**

Innovative peel-n-stick, perforated,
one-piece Continuous Release Liner
reduces installation time by up to 50%





General Specifications

LEDs per module

Standard	2
HO	4
Super HO	4

Operating temperature

-40° C to +60° C

Kelvin temperature

3000 K, 4000 K, 5000 K, 6500 K, 7200 K

Optional dimming

0-10 V dimming via SloanLED dimmable drivers and optional wired dimming controller

Protection class

IP66 + IP68 construction

Special feature

Continuous Release Liner (CRL)
Constant Current (CC)

Life rating

>54,000 hours to L80 at ≤50° C ambient

Fastening

Peel-n-stick and mechanical

VL5 Standard



3000 K 4000 K 5000 K 6500 K 7200 K

24
VDC



-40° C -
+60° C



50-150
mm



165°



130 lm



0.75 W



173 lm/W



IP66
IP68



60



10



4



>54,000
hours



Constant
Current (CC)

VL5 High Output



3000 K 4000 K 5000 K 6500 K 7200 K

24
VDC



-40° C -
+60° C



125-300+
mm



165°



260 lm



1.50 W



173 lm/W



IP66
IP68



30



2



2.1



>54,000
hours



Constant
Current (CC)

VL5 Super High Output



3000 K 4000 K 5000 K 6500 K 7200 K

24
VDC



-40° C -
+60° C



175-300+
mm



165°



390 lm



2.4 W



162 lm/W



IP66
IP68



19



2



2



>54,000
hours



Constant
Current (CC)

We Brighten
Your Brands

12
VDC



VL5 Nano

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

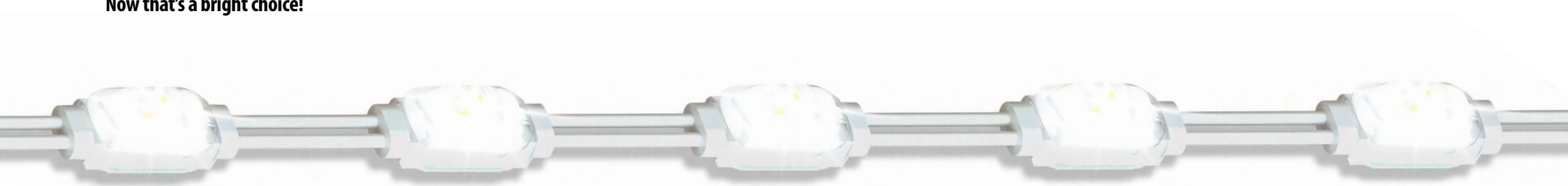


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Big Performance in small channel letters



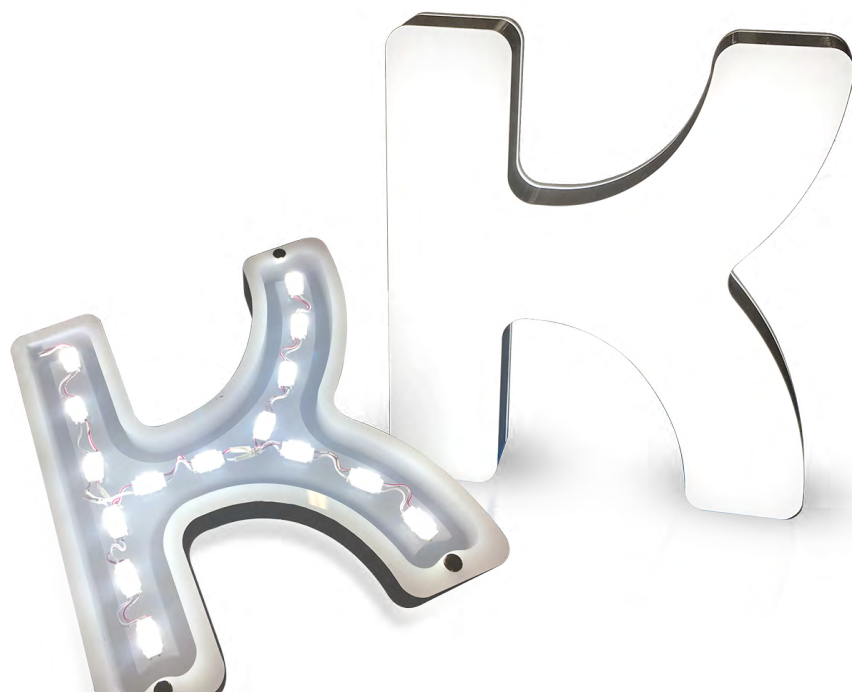
SloanLED VL5 Nano delivers even bigger performance in block acrylic signs and small channel letters with improved elliptical optics in a broad range of colour temperatures for better light distribution, more modules per power supply, and unprecedented efficacy of up to 176 lm/W making SloanLED VL5 Nano the class-leading solution over competing products! Now that's a bright choice!



*Individual modules for easy installation
with no soldering and no PCB cutting*

*Easy installation with
self-adhesive back*

*Improved elliptical optics for
unprecedented light distribution*





The complete solution for all your lighting needs

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.



- Available in White (3000 K, 4000 K, 5000 K, 6500 K, 7200 K), Red, Green, and Blue
- Ideal for routed acrylic block letter, shallow channel letter, and backlit halo letter applications as shallow as 25 mm
- More modules per power supply up from 150 to an unprecedented 250 white modules on a 60 W power supply
- Efficacy of up to 176 lm/W making SloanLED VL5 Nano the class-leading solution over competing products
- 22 AWG cable for greater safety and reduced voltage drop
- Life Of Sign Warranty with market leading 10Y limited labour warranty

There's no substitute for quality

Low-priced LED sign products use low-power LEDs driven at maximum power.

Maximizing the potential brightness of their products at the expense of longevity; overdriving the LEDs to improve data while the reliability and efficiency of these products suffer as more of the electrical energy is turned into heat rather than light. In long term the result of heat in closed block letters has a severe impact on colour change as well as the lifetime. SloanLED employs only the highest caliber components, driven well within its limits in the Nano family in order to offer a superior product with heat management and the longest lifespan.



General Specifications

LEDs per module

Standard 1

Operating temperature

-40° C to +70° C

Kelvin temperature

3000 K, 4000 K, 5000 K, 6500 K, 7200 K

Optional dimming

0-10 V dimming via SloanLED dimmable drivers and optional wired dimming controller

Protection class

IP66

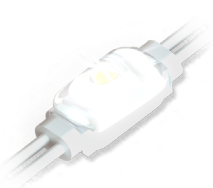
Life rating

>54,000 hours to L70 at ≤50° C ambient

Fastening

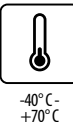
Peel-n-stick

VL5 Nano Long



6500 K 7200 K

12
VDC



-40° C -
+70° C



25-75
mm



160°



35 lm



0.2 W



176 lm/W



IP 66



150



18



>54,000
hours

VL5 Nano White



3000 K 4000 K 5000 K 6500 K 7200 K

12
VDC



-40° C -
+70° C



25-75
mm



160°



35 lm



0.2 W



176 lm/W



IP 66



150

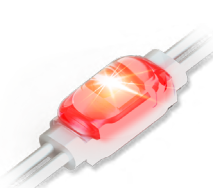


25



>54,000
hours

VL5 Nano Red



Red
625 nm

12
VDC



-40° C -
+70° C



25-75
mm



160°



4.9 lm



0.13 W



38 lm/W



IP 66



150

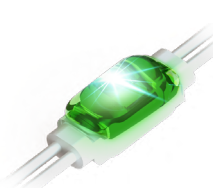


25



>54,000
hours

VL5 Nano Green



Green
527 nm

12
VDC



-40° C -
+70° C



25-75
mm



160°



13.5 lm



0.13 W



104 lm/W



IP 66



150

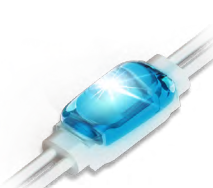


25



>54,000
hours

VL5 Nano Blue



Blue
470 nm

12
VDC



-40° C -
+70° C



25-75
mm



160°



3.0 lm



0.13 W



23 lm/W



IP 66



150



25



>54,000
hours

« GO TO CONTENT

BrightLINE 2 BrightLINE OD

LED illumination for shallow,
single-sided sign boxes



We Brighten Your Brands

24
VDC



SloanLED®

A Principal Industries Company

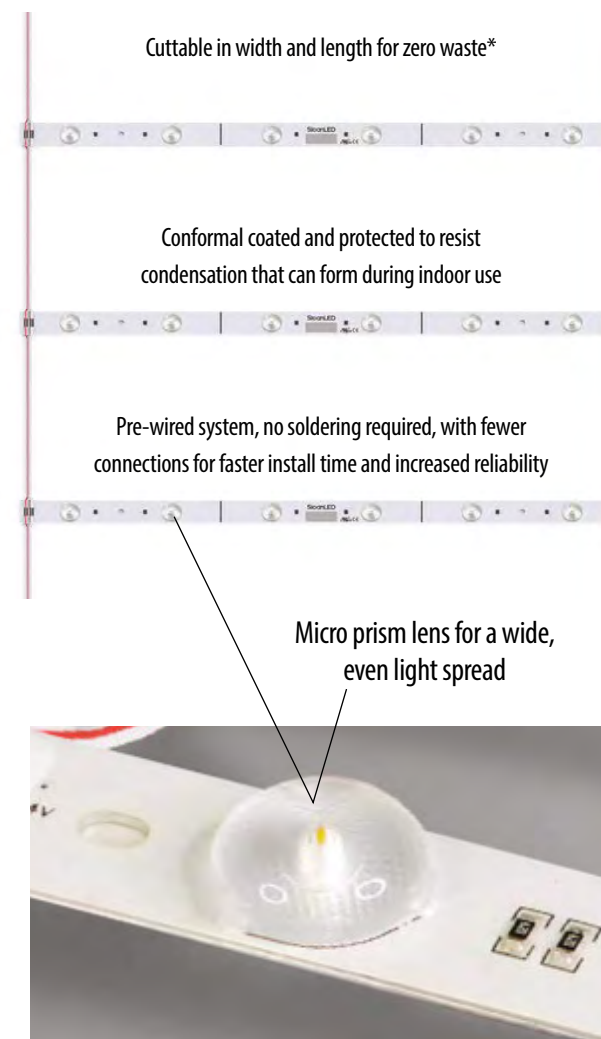
A straight line to stunning retail displays



SloanLED BrightLINE 2 is better than ever, delivering bright, uniform illumination and fast, easy installation in shallow, single-sided, fabric-face light boxes more efficiently with lower energy consumption allowing for more product per power supply!

SloanLED BrightLINE 2 features prism lens technology which captures otherwise wasted light and redirects it toward the illuminated surface, delivering bright, even illumination and wider spacing, while providing a greater degree of protection against accidental damage to the LED system when the retailer is replacing the graphics.

- **Most powerful and efficient stick on the market with 173lm/W efficiency according to EPREL standards**
- **Ideal for single-sided, fabric-face light boxes 30 - 120 mm deep**
- **Available in 6500 K and 4000 K for greater range in illuminating warm to cool colours and skin tones**
- **SloanLED BrightLINE 2 LP's tighter spacing is offset with a reduced light output of 33% resulting in even more product per power supply for shallower depths**
- **Long and Short lengths available for ease of installation**
- **Superior prism lens technology for bright, even illumination**
- **Fast, easy installation with no soldering or plugging individual boards together**
- **5-year parts and labour assistance warranty**



Consistency is key

Binning is a method of sorting LED chips so that all the LEDs from one particular bin share a similar output and appearance.

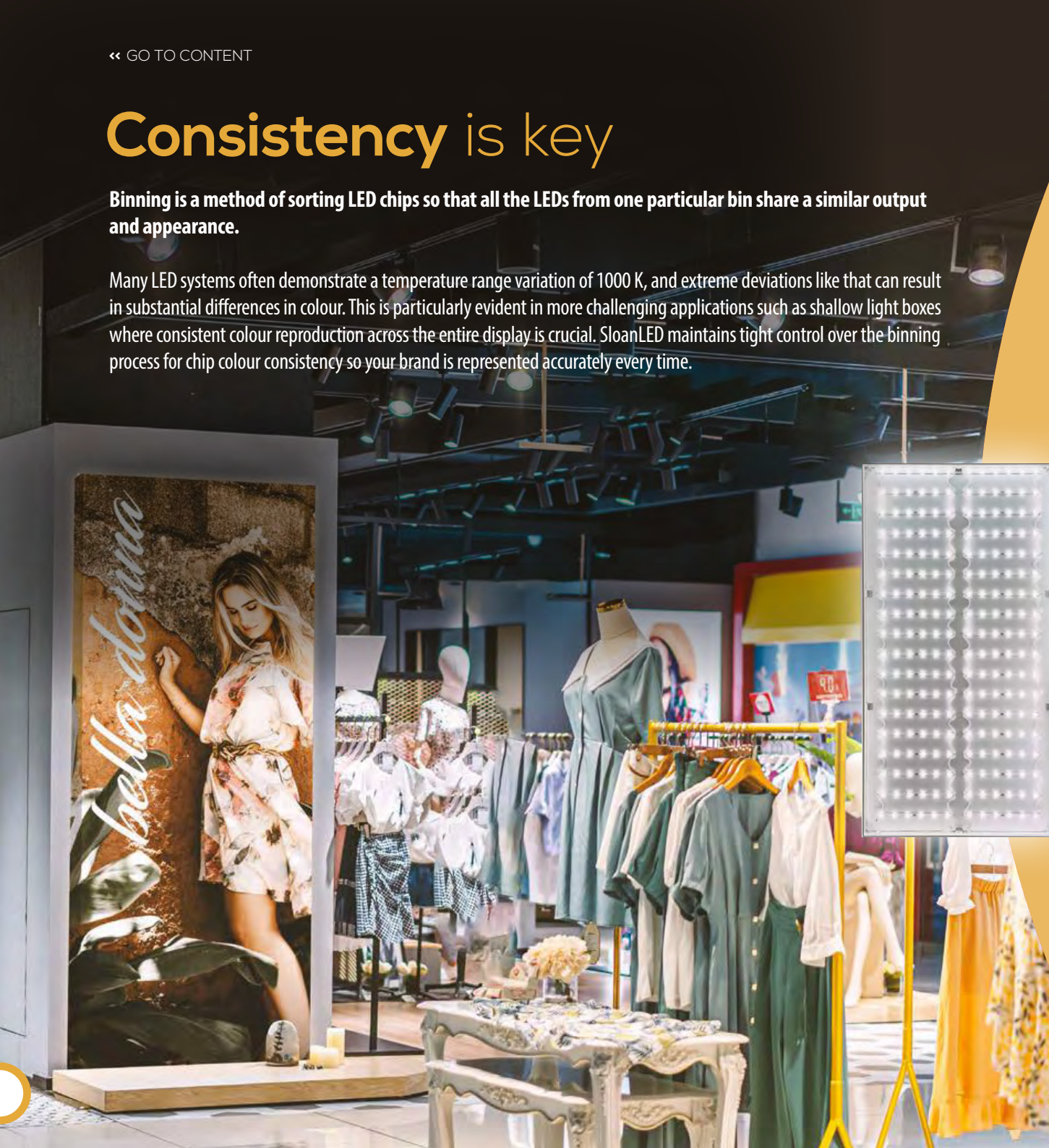
Many LED systems often demonstrate a temperature range variation of 1000 K, and extreme deviations like that can result in substantial differences in colour. This is particularly evident in more challenging applications such as shallow light boxes where consistent colour reproduction across the entire display is crucial. SloanLED maintains tight control over the binning process for chip colour consistency so your brand is represented accurately every time.

Brightening the bottom line

SloanLED has been a key manufacturer and supplier to the sign industry for over 20 years. Our high-efficiency, long lasting solutions don't just light your signs; they represent significant energy cost reductions, maintenance cost savings, easy installation, and faster ROI. SloanLED BrightLINE 2's low-voltage 24 VDC system delivers exceptional efficiency and performance, and surpasses expectations using up to 20% less power than common LED ribbon tape solutions.

Confidence down the line

LED ribbon tape, commonly used in this type of application, is often manufactured using cheaper components – maximizing the potential brightness of the product at the expense of longevity and overdriving the LEDs for instant gratification, resulting in a colour shift and a decrease in brightness over a short period of time. SloanLED BrightLINE 2 utilizes the highest caliber components in order to maintain brightness and consistent colour throughout the life of the product, even at temperatures up to 60° C.



General Specifications

LEDs per stick

Long	6
Short	2

Stick per meter (fully spaced)

SloanLED BrightLINE 2	6.7
SloanLED BrightLINE 2 LP	10.0
SloanLED Brightline OD	6.7

Coverage per row

DEPTH	SPACING
30 mm	75 mm
40 mm	100 mm
50 mm	120 mm
60 mm +	150 mm

Operating temperature

-40° C to +60° C

Optional dimming

PWM (Pulse width modulation,
SloanLED Universal LED
Wireless Dimmer 601115)

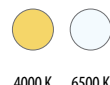
Protection class

IP5X (Brightline 2 and LP)
IP66 (Brightline OD)

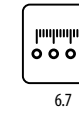
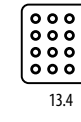
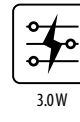
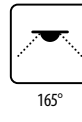
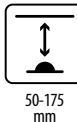
Life rating

>54,000 hours to L70 at ≤60° C ambient

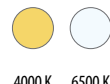
Brightline 2



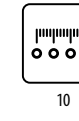
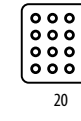
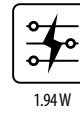
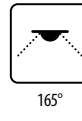
24 VDC



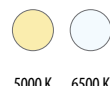
Brightline 2 LP



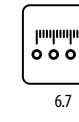
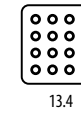
24 VDC



Brightline OD



24 VDC



MODEL		COLOUR TEMP. (CCT)	PART NUMBER	DIMENSIONS L × W × H	POWER PER STICK	EFFICACY	LUMENS PER STICK	PACKAGING
SloanLED BrightLINE 2	Long	6500 K	701989-6W24LB3	479 mm × 18 mm × 8 mm	3.0 W	173 lm/W	530	30-unit daisy-chain per bag, 10 bags per carton
		4000 K	701989-4W24LB3					
	Short	6500 K	701989-6W24SB3	160 mm × 18 mm × 8 mm	1.0 W	173 lm/W	177	
		4000 K	701989-4W24SB3					
SloanLED BrightLINE 2LP	Long	6500 K	701989-6W24LB4	479 mm × 18 mm × 8 mm	1.94 W	173 lm/W	335	46-unit daisy-chain per bag, 6 bags per carton
		4000 K	701989-4W24LB4					
	Short	6500 K	701989-6W24SB4	160 mm × 18 mm × 8 mm	0.65 W	173 lm/W	113	
		4000 K	701989-4W24SB4					
SloanLED BrightLINE OD	Long	6500 K	701989-6W24LC1	479 mm × 18 mm × 8 mm	3.0 W	173 lm/W	530	30-unit daisy-chain per bag, 10 bags per carton
		5000 K	701989-5W24LC1					
	Short	6500 K	701989-6W24SC1	160 mm × 18 mm × 8 mm	1.0 W	173 lm/W	177	
		5000 K	701989-5W24SC1					



We Brighten
Your Brands

24
VDC

10
YEAR
Product & Labor
WARRANTY

PosterBOX 3 PosterBOX ID

High-performance
lightbox illumination



SloanLED®
A Principal Industries Company

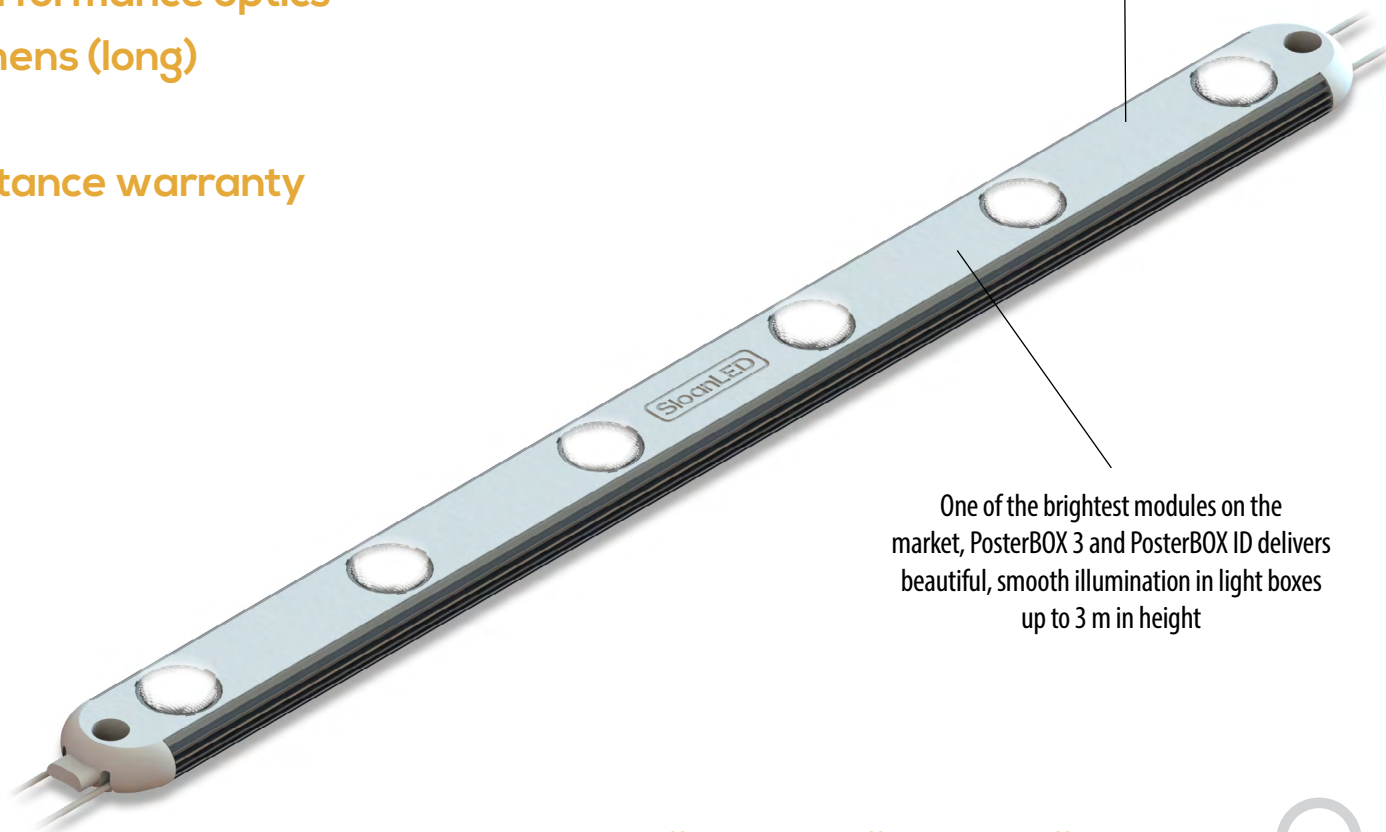
The Brightest Tool in the Box



PosterBOX 3 and PosterBOX ID are designed and engineered specifically for larger outdoor and indoor light box applications. These unique LED sticks provides a bright and uniform lighting solution which light boxes requires.

- Illuminate box widths up to 3 m by placing product on opposing sides of the display
- Uniform illumination in large cabinets with depths as shallow as 75 mm for single-sided applications, and 100 mm for double-sided applications
- Top-tier LED chips and high-performance optics
- Brightest in class with 1700 lumens (long)
- Constant Current Technology
- 10-year parts and labour assistance warranty

With an output of 1700 lumens (Long) and built-in LED module spacers, striping and spotting are a thing of the past



One of the brightest modules on the market, PosterBOX 3 and PosterBOX ID delivers beautiful, smooth illumination in light boxes up to 3 m in height

We've got you **covered**

At SloanLED, our goal is more than just selling quality, reliable lighting products. We anticipate our customer's needs and deliver comprehensive solutions for a smooth, positive experience.

While most commercial LED light box manufacturers offer 1-year limited warranties, SloanLED offers a 10-year limited product and labour warranty.

Additionally, PosterBOX3 & PosterBOX ID are covered by a licensing agreement which protects both the installer and end-user from Signify (Philips Lighting) royalty fees associated with the patented side-lighting of poster boxes, signs, and retail displays so you can have confidence for the road ahead, knowing your investment in signage is well-protected!





General Specifications

LEDs per stick

Long	6
Short	3

Size per stick

PosterBOX 3	
Long	501 mm
Short	251 mm
PosterBOX ID	
Long	495 mm
Short	225 mm

Operating temperature

PosterBOX 3	-40° C to +70° C
PosterBOX ID	-40° C to +40° C

Protection Class

PosterBOX 3	IP66
PosterBOX ID	IPXX (Indoor only)

Special feature

Constant Current (CC)

Life rating

PosterBOX 3	>54,000 hours to L70 at ≤60° C ambient
PosterBOX ID	>54,000 hours to L70 at ≤40° C ambient

PB3 Long



24
VDC



-40° C -
+70° C



75-200
mm



15x45



1700 lm



14 W



121 lm/W



IP66



6



2



2



>60,000
hours



Constant
Current (CC)

PB3 Short



24
VDC



-40° C -
+70° C



75-200
mm



15x45



850 lm



7.2 W



118 lm/W



IP66



12



4



4



>60,000
hours



Constant
Current (CC)

PB ID Long



24
VDC



-40° C -
+40° C



75-200
mm



15x45



1700 lm



14 W



121 lm/W



IPXX



6



2



2



>60,000
hours



Constant
Current (CC)

PB ID Short



24
VDC



-40° C -
+40° C



75-200
mm



15x45



850 lm



7.2 W



118 lm/W



IPXX



12



4



4



>60,000
hours



Constant
Current (CC)

« GO TO CONTENT

We Brighten
Your Brands

12
VDC



PosterBOX Mini PosterBOX Slim 2

Way finding lightbox illumination
lightbox illumination



SloanLED®
A Principal Industries Company

Navigate with Brilliance

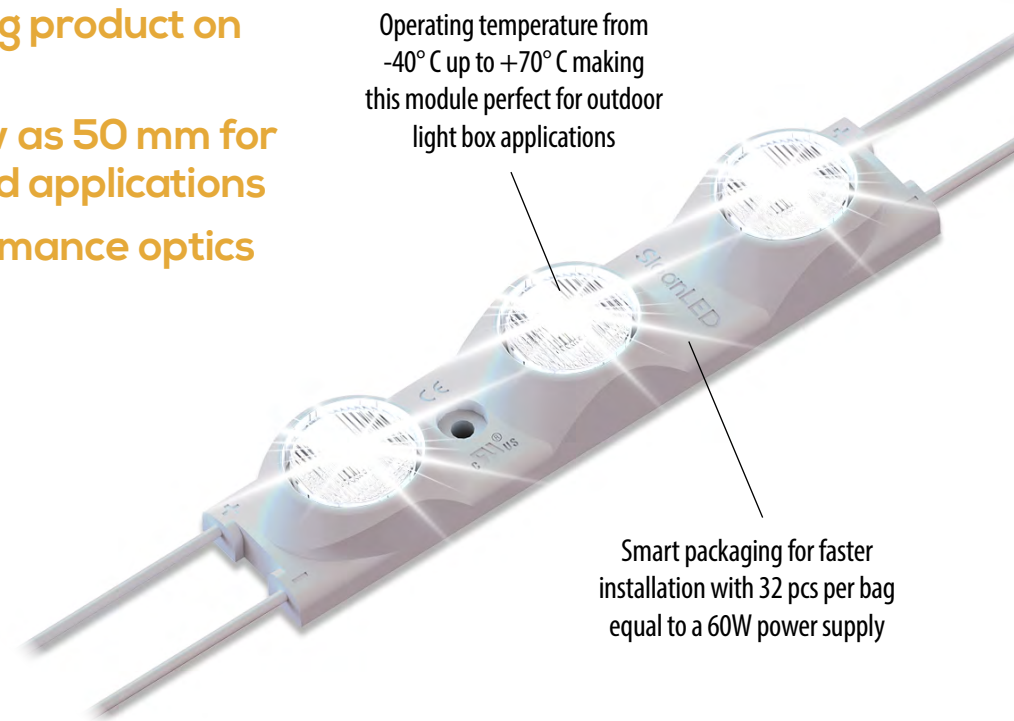


PosterBOX Mini and PosterBOX Slim 2 are designed for smaller outdoor and indoor light boxes and are unique for wayfinding applications as they produce bright, vibrant light that is easily visible in various lighting conditions, including low light, fog, or direct sunlight.

- Edge-lit illumination of box widths up to 1.5 m by placing product on opposing sides of the display
- Uniform illumination in cabinets with depths as shallow as 50 mm for single-sided applications, and 100 mm for double-sided applications
- Top-tier LED chips (MacAdam Step 3) and high-performance optics
- High IP66 rating for outdoor applications
- Licensing agreement with Signify
- 10-year parts and labor assistance warranty



Adjustable module spacing of up to 188 mm empowers cost-conscious sign makers and installers to populate lightboxes with as many or as few modules as desired



Fanflare technology for better uniform illumination in light boxes

Lighting Your Way, Every Step of the Day

PosterBOX Mini and PosterBOX Slim 2's innovative design and small footprint makes it an extremely practical lighting solution for a variety of lightbox shapes and delivers unparalleled flexibility and cost saving advantages over similar products on the market.

Both modules provide bright and uniform illumination, which enhances the readability and visibility of wayfinding signs and light boxes, even from a distance or in low-light conditions.

PosterBOX Mini and PosterBOX Slim 2 have an extended operational life, lasting more than 50,000 hours. This reduces maintenance frequency and costs, which is crucial for applications where accessibility for maintenance might be limited.



PosterBOX Mini features Fanflare™ technology allowing light to fan in front of the module in a narrow beam, causing light to bounce around the cabinet and skim the surface of the graphics, for brilliant, uniform illumination with fewer modules and less install time compared to backlit options.





General Specifications

Dimensions

PosterBOX Mini:

38 mm × 30 mm × 14 mm

PosterBOX Slim 2:

127 mm × 25 mm × 17 mm

Operating temperature

PosterBOX Mini -40° C to +60° C

PosterBOX Slim 2 -40° C to +70° C

Optional dimming

PWM (Pulse width modulation, SloanLED
Universal LED Wireless Dimmer 601115)

Protection Class

IP66

Special feature

Constant Current (PosterBOX Slim 2)

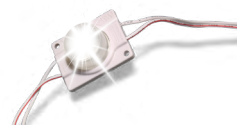
Life rating

>60,000 hours to L70 at ≤60° C ambient

Fastening

Peel-n-stick and mechanical

PosterBOX Mini



6500 K

12
VDC



-40° C -
+60° C



150 cm



15x40°



104 lm



1.2 W



87 lm/W



IP 66



60



5.3



>60,000
hours

PosterBOX Slim 2



4000 K



5000 K



6500 K

12
VDC



-40° C -
+70° C



150 cm



15x43°



185 lm



1.68 W



110 lm/W



IP 66



32

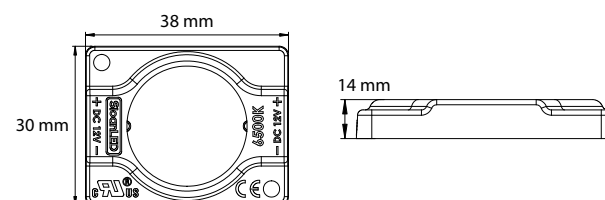


4.6

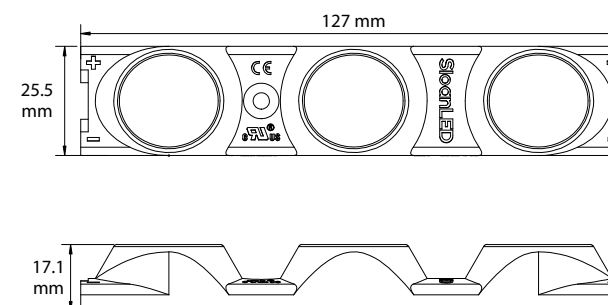


>60,000
hours

Dimensions PosterBOX Mini



Dimensions PosterBOX Slim 2



« GO TO CONTENT

We Brighten Your Brands



24
VDC

millennium library park

SignBOX 3

Designed for fast installs
and retrofit



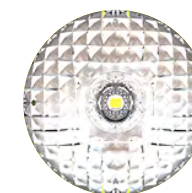
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A Principal Industries Company

Out of the box **brilliance**



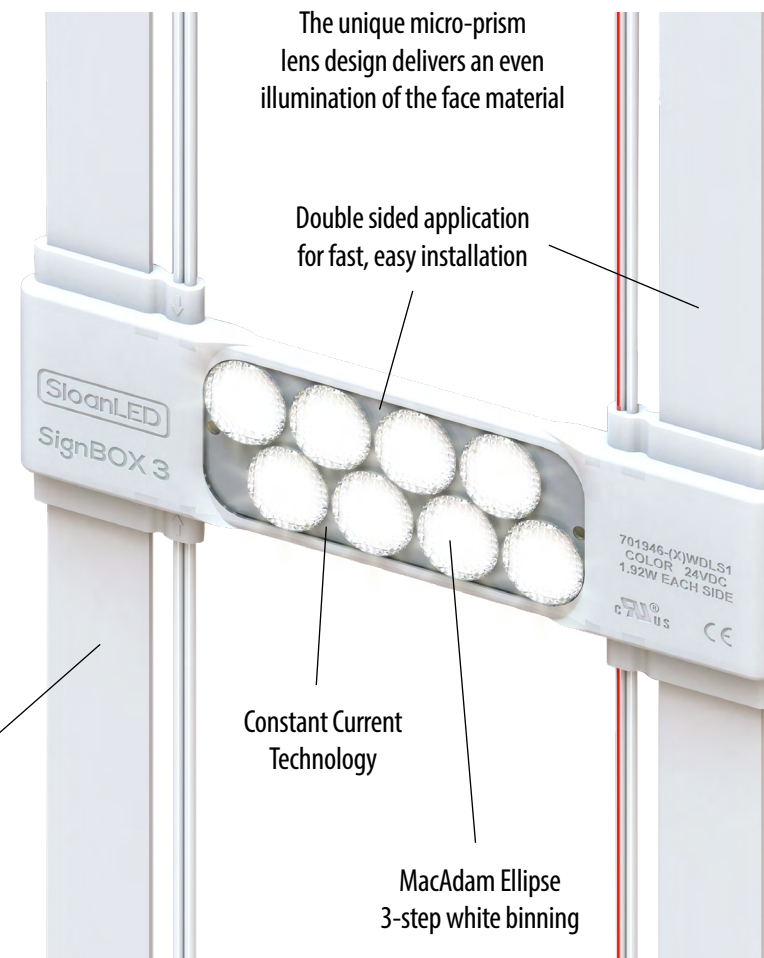
SignBOX 3 is designed for single or double-sided sign cabinets and engineered to deliver bright, uniform illumination and wider spacing in new or retrofit sign boxes. Its award-winning strap design makes SignBOX 3 the perfect choice for faster retrofit installation projects.

- SignBOX 3 are mounted to existing fluorescent wireways or sign structure and features flexible straps for easy installation, saving time and money
- Micro prism lens technology for bright, uniform illumination, and wider spacing
- Constant Current technology allows 48 single-sided modules or 24 double-sided modules per 100W power supply for maximum efficiency and fewer power supplies
- High efficacy at 156 lm/W
- MacAdam 3 Ellipse binning process for chip colour consistency so your brand is represented accurately every time
- 10-year parts and labour assistance warranty



The unique micro-prism lens design delivers an even illumination of the face material

Double sided application for fast, easy installation



Cuttable strap material for easy, retrofit and new installation in larger signs and billboards

Constant Current Technology

MacAdam Ellipse 3-step white binning

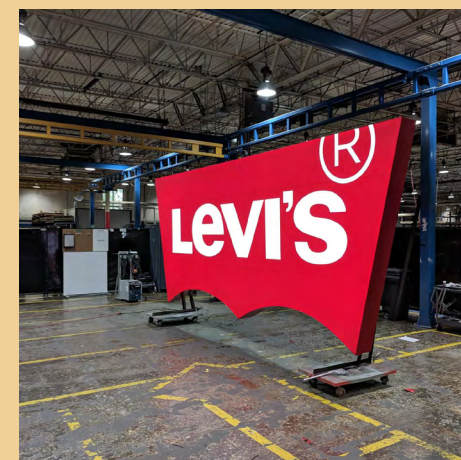


Engineered with **sign makers** in mind

We spend our time inside the box, to provide lighting solutions that go beyond the box to brighten your bottom line.

PosterBOX 3 is a brilliant sign lighting solution for single and double-sided, narrow to large, new and retrofit, box and cloud signs. Our product is designed and engineered with sign makers in mind, to provide bright, even illumination, incredible ROI, and fast, easy installation.

Signbox 3 is a unique LED solution for sign cabinet illumination. Signbox 3 does not have the same constraints as stick products or LED tubes so while it works in standard sign cabinets it is also useful in odd shaped or oversized cabinets like very tall billboards or large totems.





General Specifications

LEDs per chain / carton

Single sided 60

Double sided 60

Operating temperature

-40° C to +70° C

Optional dimming

PWM (Pulse width modulation, SloanLED Universal LED Wireless Dimmer 601115)

Protection Class

IP66 & IP68

Special feature

Constant Current (CC)

Cuttable strap to fit any size

Life rating

>60,000 hours to L70 at ≤60° C ambient

SB 3 Single sided



6500 K

24
VDC



-40° C -
+70° C



125-300
mm



160



300 lm



1.92 W



156 lm/W



IP68



60



10



3.3



>60,000
hours



Constant
Current (CC)

SB 3 Double sided



6500 K

24
VDC



-40° C -
+70° C



250-600
mm



160



600 lm



3.84 W



156 lm/W



IP68



60



10



3.3



>60,000
hours



Constant
Current (CC)



We Brighten Your Brands

5
YEAR
Product & Labor
WARRANTY

12
VDC

24
VDC

Quantum Power Supplies

IP68-rated drivers engineered
for sign application

SloanLED®
A Principal Industries Company

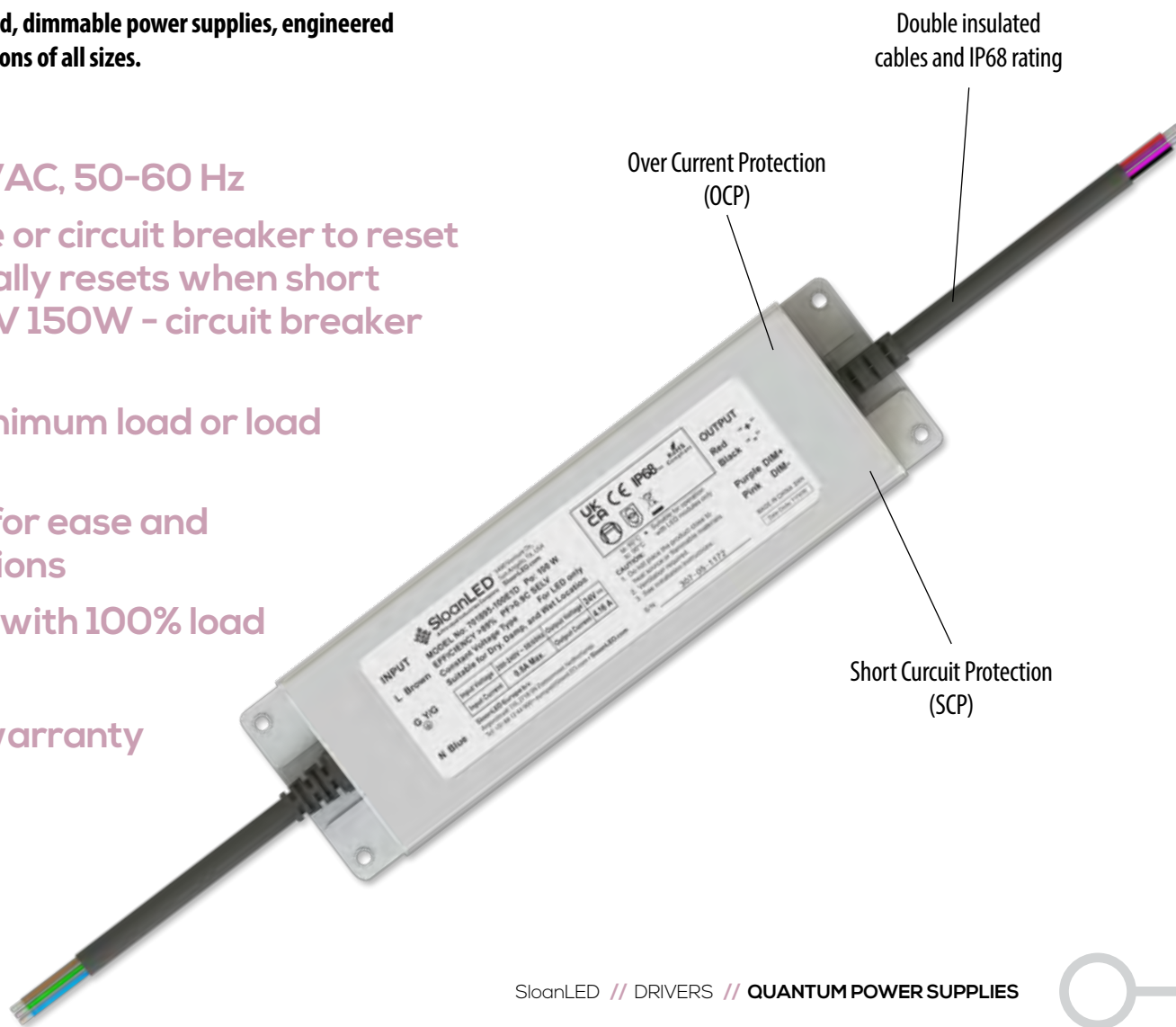


A Quantum Leap in Versatility, Safety, and Reliability



The Quantum Series from SloanLED is a complete range of IP68-rated, dimmable power supplies, engineered specifically to deliver quality, power, and reliability in sign applications of all sizes.

- European input voltage: 200-240 VAC, 50-60 Hz
- Auto-resetting – No fuses to replace or circuit breaker to reset
– Short circuit protection automatically resets when short condition is corrected (except for 12V 150W – circuit breaker needs to reset)
- Simple secondary hook-ups – no minimum load or load balancing required
- White housing and compact design for ease and flexibility in sign application installations
- Long lifetime at +60° C ambient and with 100% load
- Dimmable and IP68 rated drivers
- 5-year product and limited labour warranty



Designed for Signs

Safety and environmental impact are important to us, and our power supplies meet stringent safety requirements, and international agency standards.

We Talk Signage

The Quantum power supply is designed specifically for the European and global market and engineered for unique safety around the use in signs as well as in markets with unreliable energy supply and power fluctuations.

The Quantum power supply Short Circuit Protection (SCP) and Over Current Protection (OCP) feature do what other drivers in the market often fail to do. In the event of a short, the Quantum driver is auto-resetting and will automatically turn off the voltage and come back on if the output is shorted briefly. Furthermore, the Quantum 150W driver will turn off completely and require the user to cycle AC input power to make the power supply turn on again if it is shorted for a longer time (longer than 1 second). The SCP/OCP feature is a test for a fault that persists over a long period of time and ensures that in the event that the current goes over a certain limit, it shuts off power for safety and to prevent power supply failure.



General Specifications

Size per power supply

202 mm x 44 mm x 33 mm (30 W)
 202 mm x 44 mm x 33 mm (60 W)
 210 mm x 62 mm x 34 mm (100W)
 234 mm x 66 mm x 34 mm (150W)

Operating temperature

-40° C to +60° C, derated up to 70° C
 with 50% of load

Protection Class

IP68

Special feature

Over Current Protection (OCP)
 Short Circuit Protection (SCP)
 3-in-1 Dimming (0-10V, PWM, Resistance)

Life rating

>25,000 hours at ≤60° C ambient
 with 100% load



12 VDC		QUANTUM 30 W, 12 V 701507-30E1D	QUANTUM 60 W, 12 V 701507-60E1D	QUANTUM 100 W, 12 V 701507-100E1D	QUANTUM 150 W, 12 V 701507-150E1D
INPUT	Rated input voltage	200-240 VAC	200-240 VAC	200-240 VAC	200-240 VAC
	Max. input voltage	180-264 VAC	180-264 VAC	180-264 VAC	180-264 VAC
	Frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
	Rated input current	0.2 A max.	0.5 A max.	0.8 A max.	1.1 A max.
	Inrush current	20 A max. @ 240 VAC, 50 Hz	50 A max. @ 240 VAC, 50 Hz	<50 A max. @ 240 VAC, 50 Hz	70 A max. @ 240 VAC, 50 Hz
	Efficiency	>88% @ 240 VAC (full-load)	>88% @ 240 VAC (full-load)	>89% @ 240 VAC (full-load)	>90% @ 240 VAC (full-load)
	Power factor	>0.95 @ 240 VAC (full-load); >0.90 @ 240 VAC (65% load)	>0.95 @ 240 VAC (full-load); >0.90 @ 240 VAC (65% load)	>0.90 @ 240 VAC (full-load); >0.95 @ 240 VAC (65% load)	>0.95 @ 240 VAC (full-load); >0.90 @ 240 VAC (65% load)
OUTPUT	THD	<20% @ 120-277 VAC (full-load); <20% @ 277 VAC (65% load)	<20% @ 120-277 VAC (full-load); <20% @ 277 VAC (65% load)	<20% @ 230 VAC (full-load)	<20% @ 120-277 VAC (full-load); <20% @ 277 VAC (65% load)
	Rated output voltage	12 VDC	12 VDC	12 VDC	12 VDC
	Rated output current	2.5 ADC	5 ADC	8.33 ADC	Dual outputs (6.25 ADC each)
	Max. output power	30 W	60 W	100 W	150 W
	Ripple and noise	2Vp-p	2Vp-p	240 mVp-p	240 mVp-p
	Line regulation	<1%	<1%	<1%	<1%
	Load regulation	<3%	<3%	<3%	<3%

24 VDC		QUANTUM 30 W, 24 V 701895-30E1D	QUANTUM 60 W, 24 V 701895-60E1D	QUANTUM 100 W, 24 V 701895-100E1D	QUANTUM 150 W, 24 V 701895-150E1D
INPUT	Rated input voltage	200-240 VAC	200-240 VAC	200-240 VAC	200-240 VAC
	Max. input voltage	180-264 VAC	180-264 VAC	180-264 VAC	180-264 VAC
	Frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
	Rated input current	0.2 A max.	0.5 A max.	0.8 A max.	1.1 A max.
	Inrush current	20 A max. @ 240 VAC, 50 Hz	50 A max. @ 240 VAC, 50 Hz	50 A max. @ 240 VAC, 50 Hz	70 A max. @ 240 VAC, 50 Hz
	Efficiency	>88% @ 240 VAC (full-load)	>88% @ 240 VAC (full-load)	>89% @ 240 VAC (full-load)	>89% @ 240 VAC (full-load)
	Power factor	>0.95 @ 240 VAC (full-load); >0.90 @ 240 VAC (65% load)	>0.95 @ 240 VAC (full-load); >0.90 @ 240 VAC (65% load)	>0.95 @ 240 VAC (full-load); >0.90 @ 240 VAC (65% load)	>0.95 @ 240 VAC (full-load); >0.90 @ 240 VAC (65% load)
OUTPUT	THD	<20% @ 120-277 VAC (full-load); <20% @ 277 VAC (65% load)	<20% @ 120-277 VAC (full-load); <20% @ 277 VAC (65% load)	<20% @ 120-277 VAC (full-load); <20% @ 277 VAC (65% load)	<20% @ 120-277 VAC (full-load); <20% @ 277 VAC (65% load)
	Rated output voltage	24 VDC	24 VDC	24 VDC	24 VDC
	Rated output current	1.25 ADC	2.5 ADC	4.16 ADC	6.25 ADC
	Max. output power	30 W	60 W	100 W	150 W
	Ripple and noise	2Vp-p	2Vp-p	240 mVp-p	240 mVp-p
	Line regulation	<1%	<1%	<1%	<1%
	Load regulation	<3%	<3%	<3%	<3%



We Brighten Your Brands



12
VDC

24
VDC

Relax.

Retail therapy is right
around the corner.



Westbrook
Mall
*Where shopping
is a pleasure.*



SloanLED®
A Principal Industries Company

Quantum Slim Power Supplies

Power your creativity



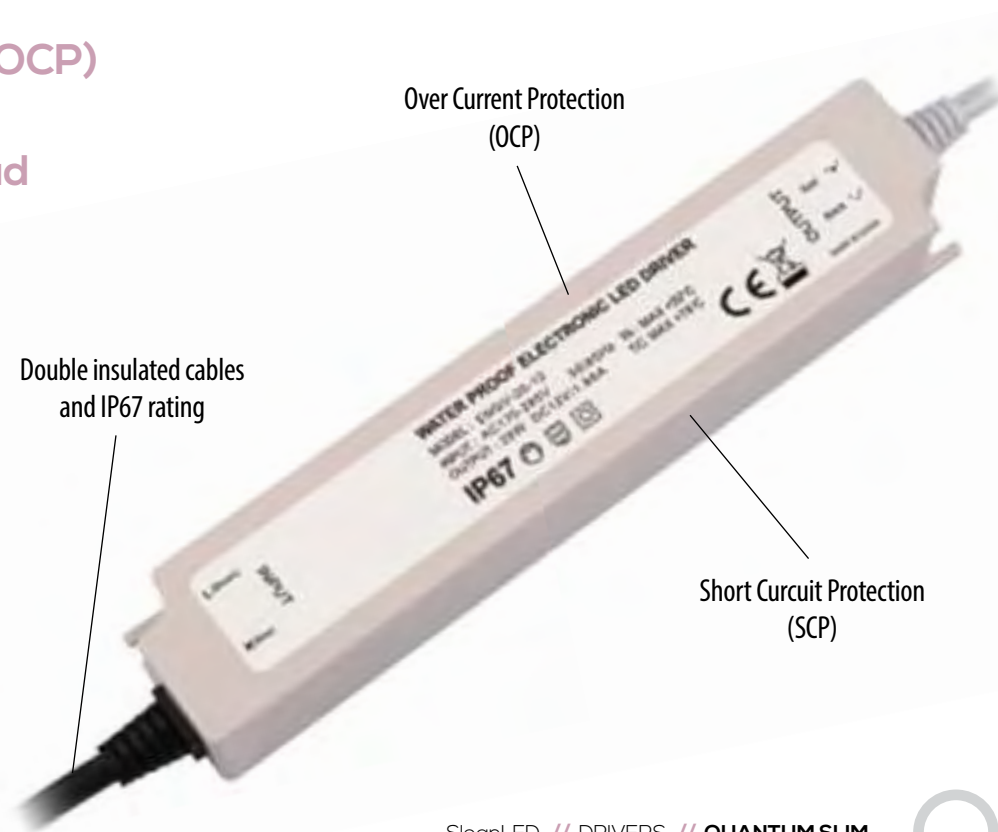
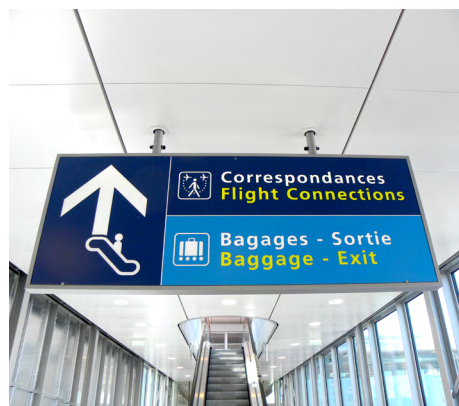
Enhanced Versatility enabling creative and unique designs



The Quantum Slim Series from SloanLED is a complete range of high IP67-rated power supplies in 12 and 24 VAC, ideal for slim-profile signs without compromising on aesthetics or functionality.

- European input voltage: 200-240 VAC, 50-60 Hz
- Lightweight slimmer design
- White housing and compact design
- Designed for signs with Over Current Protection (OCP) and Short Circuit Protection (SCP)
- Long lifetime at +50° C ambient and with 100% load
- 5-year product and limited labour warranty

Slim design for shallow application



A Quantum Step to design

The compact size of Quantum Slim allows designers more flexibility in creating various shapes and styles of signage, enabling creative and unique designs.

The Quantum Slim drivers are compact and can fit into narrow or shallow enclosures, making them ideal for slim-profile signs without compromising on aesthetics or functionality. At SloanLED we understand the need for slimmer components, so that signs can maintain a sleek, modern, and unobtrusive appearance, enhancing their visual appeal.

Quantum Slim drivers simplifies installation, especially in areas with limited space or complex mounting requirements and are an excellent choice for shallow signs in applications like retail displays, wayfinding signs, and other architectural applications.

The Quantum Slim is designed and equipped with the same safety features as the Quantum drivers and has Short Circuit Protection (SCP) and Over Current Protection (OCP) in the event of a short.





General Specifications

Size per power supply

23 mm x 34 mm x 170 mm (20W)
 21 mm x 30 mm x 218 mm (30W)
 21 mm x 30 mm x 218 mm (60W)
 21 mm x 30 mm x 248 mm (100W)
 23 mm x 40 mm x 262 mm (150W)

Operating temperature

-25° C to +50° C

Protection Class

IP67

Special features

Over Current Protection (OCP)
 Short Curcuit Protection (SCP)
 Over Voltage Protection (OVP)

Life rating

>25,000 hours at ≤50° C ambient
 with 100% load

12 VDC		QUANTUM SLIM 20 W, 12 V 701507-20M1	QUANTUM SLIM 30 W, 12 V 701507-30M1	QUANTUM SLIM 60 W, 12 V 701507-60M1	QUANTUM SLIM 100 W, 12 V 701507-100M1	QUANTUM SLIM 150 W, 12 V 701507-150M1
INPUT	Rated input voltage	200-240 VAC	200-240 VAC	200-240 VAC	200-240 VAC	200-240 VAC
	Max. input voltage	180-264 VAC	180-264 VAC	180-264 VAC	180-264 VAC	180-264 VAC
	Frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
	Rated input current	0.25 A max.	0.22 A max.	0.38 A max.	0.6 A max.	0.9 A max.
	Inrush current	46 A max. @ 240 VAC, 50 Hz	47 A max. @ 240 VAC, 50 Hz	48 A max. @ 240 VAC, 50 Hz	49 A max. @ 240 VAC, 50 Hz	50 A max. @ 240 VAC, 50 Hz
	Efficiency	>80% @ 240 VAC (full load)	>84% @ 240 VAC (full load)	>88% @ 240 VAC (full load)	>91% @ 240 VAC (full load)	>92% @ 240 VAC (full load)
OUTPUT	Power factor	>0.6 @ 240 VAC (full load)	>0.95 @ 240 VAC (full load)	>0.95 @ 240 VAC (full load)	>0.95 @ 240 VAC (full load)	>0.95 @ 240 VAC (full load)
	Rated output voltage	12V	12V	12V	12V	12V
	Rated output current	1.66 ADC	2.5 ADC	5 ADC	8.33 ADC	12.5 ADC
	Max. output power	20W	30W	60W	100W	150W

24 VDC		QUANTUM SLIM 20 W, 24 V 701895-20M1	QUANTUM SLIM 30 W, 24 V 701895-30M1	QUANTUM SLIM 60 W, 24 V 701895-60M1	QUANTUM SLIM 100 W, 24 V 701895-100M1	QUANTUM SLIM 150 W, 24 V 701895-150M1
INPUT	Rated input voltage	200-240 VAC	200-240 VAC	200-240 VAC	200-240 VAC	200-240 VAC
	Max. input voltage	180-264 VAC	180-264 VAC	180-264 VAC	180-264 VAC	180-264 VAC
	Frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
	Rated input current	0.25 A max.	0.22 A max.	0.38 A max.	0.6 A max.	0.9 A max.
	Inrush current	51 A max. @ 240 VAC, 50 Hz	52 A max. @ 240 VAC, 50 Hz	53 A max. @ 240 VAC, 50 Hz	54 A max. @ 240 VAC, 50 Hz	55 A max. @ 240 VAC, 50 Hz
	Efficiency	>80% @ 240 VAC (full load)	>86% @ 240 VAC (full load)	>90% @ 240 VAC (full load)	>91% @ 240 VAC (full load)	>92% @ 240 VAC (full load)
OUTPUT	Power factor	>0.6 @ 240 VAC (full load)	>0.95 @ 240 VAC (full load)	>0.95 @ 240 VAC (full load)	>0.95 @ 240 VAC (full load)	>0.95 @ 240 VAC (full load)
	Rated output voltage	24V	24V	24V	24V	24V
	Rated output current	0.83 ADC	1.5 ADC	2.5 ADC	4.16 ADC	6.25 ADC
	Max. output power	20W	30W	60W	100W	150W



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We Brighten Your Brands

5
YEAR
Product & Labor
WARRANTY

12 **24**
VDC VDC



SloanLED Power Supplies

Safety above all



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Safety is the Key to Accident Free



The SloanLED 30-Watt 30EBP 12 VDC and 100-Watt 24C1 24 VDC power supply are designed specifically for the architectural and border tube industry, incorporating innovations that speed installation and ensure reliable and safe performance in harsh outdoor applications.

- Build in Arc Detection – no risk of any sparks or fires
- Auto-resetting – No fuses to replace or circuit breaker to reset – Short circuit protection automatically resets when short condition is corrected
- Simple secondary hook-ups – no minimum load or load balancing required
- Long lifetime at +60° C ambient and with 100% load
- High IP67 and IP68 rating for wet environment
- 5-year product and limited labour warranty



Safety start with your choice

When it comes to signs placed in remote places like tall buildings or in areas with fuel like petroleum stations safety is of outmost importance.

The 24C1 and 30EBP are designed with the highest degree of safety build into the drivers.

SloanLED has developed a unique patented arc detection system that detects repeated current spikes on the output of the power supply. While a single spike can occur if something is connected (maybe modules added to a daisy chain while the power supply is on), repeated spikes should not occur during normal operation. The SloanLED Arc Detection circuitry prevents electrical arcing if a part corrodes so badly that traces begin to bridge and arc. In fact, this could be any repeated fault, like two wires shorting or an intermittent connection due to bad contact between conductors - any sort of fault that would cause current dips or spikes repeatedly. Once the 24C1 or 30EBP detects a fault, the power supply will turn off and not come back on until primary power is cycled. This would be detected on the site, because any load on that power supply would be off and indicate that a fault is present.

In case the sign or border tube is managed by a timer the power supply would come back on every day until it trips again. This is the highest degrees of safety build into any kind of driver as cheaper drivers often would allow the power supply to continue to be energized with the risk of fires.

The power supplies include improved stress tolerance in heat-sensitive components and subsystems, with unique design enhancements that strengthen electrical connections while reducing mechanical stress in key components to accommodate temperature-related expansion.



General Specifications

Size per power supply

194 mm x 35 mm x 24 mm (30EBP)

260 mm x 44 mm x 30 mm (24C1)

Operating temperature

-30° C to +60° C

Protection Class

IP67 (30 EBP)

IP68 (24C1)

Special feature

Arc Detection

Over Current Protection (OCP)

Short Circuit Protection (SCP)

Over Temperature Protection

Life rating

>20,000 hours at ≤60° C ambient (30EBP)

>44,000 hours at ≤60° C ambient (24C1)

12 VDC	701507-30EBP
INPUT	Rated input voltage
	200-240 VAC
	Max. input voltage
	180-264 VAC
	Frequency
	50-60 Hz
	Rated input current
OUTPUT	0.25 A max.
	Inrush current
	<50 A
	Efficiency
	84% min. @ 230 VAC (full-load)
	Power factor
	>0.90 @ 230 VAC (full-load)
PROTECTION	THD
	<20% @ 230 VAC (full-load)
	Rated output voltage
	12 VDC
	Rated output current
	2.5 A
	Max. output power
ENVIRONMENT	30 W
	Line regulation
	±1.5%
	Load regulation
	±2.5%
	Over current
	Yes, auto-recovery
ENVIRONMENT	Over temperature
	Yes, 95° C to 105° C case, auto-recovery
	Short circuit
	Yes, auto-recovery
	Surge Immunity
	Line – Earth -> 4 kV
	Line – Neutral -> 2 kV
ENVIRONMENT	Arc detection
	Yes
	Operating ambient temp.
	-30° C to +60° C, derated up to 70° C with 50% of load
	Maximum case temp.
	85° C
	Storage temp.
	-30° C to +85° C
ENVIRONMENT	IP rating
	IP67
ENVIRONMENT	Lifetime
	>20,000 hours

24 VDC	701895-24C1
INPUT	Rated input voltage
	120-277VAC
	Max. input voltage
	100-277 VAC
	Frequency
	50-60 Hz
	Rated input current
OUTPUT	1.3 A
	Inrush current
	60 A
	Efficiency
	89% at 230VAC full load
	Power factor
	>0.9 @ 100-277VAC full load
PROTECTION	THD
	< 20% @ 100-277VAC full load
	Rated output voltage
	24VDC
	Rated output current
	4 A
	Max. output power
ENVIRONMENT	96 W
	Line regulation
	±1.5%
	Load regulation
	±2%
	Over current
	Yes, auto-recovery
ENVIRONMENT	Over temperature
	Yes 85° C - 95° C, auto-recovery
	Short circuit
	Yes, auto-recovery
	Surge Immunity
	Line - Earth -> 4kV
	Line - Neutral -> 2kV
ENVIRONMENT	Arc detection
	Yes
	Operating ambient temp.
	-40° C to +60° C, de-rated up to 70° C with 50% load
	Maximum case temp.
	85° C
	Storage temp.
	-40° C to +85° C
ENVIRONMENT	IP rating
	IP68
ENVIRONMENT	Lifetime
	>44,000 hours



We Brighten Your Brands



24
VDC

LEDStripe

Border Brilliance
for visual identity

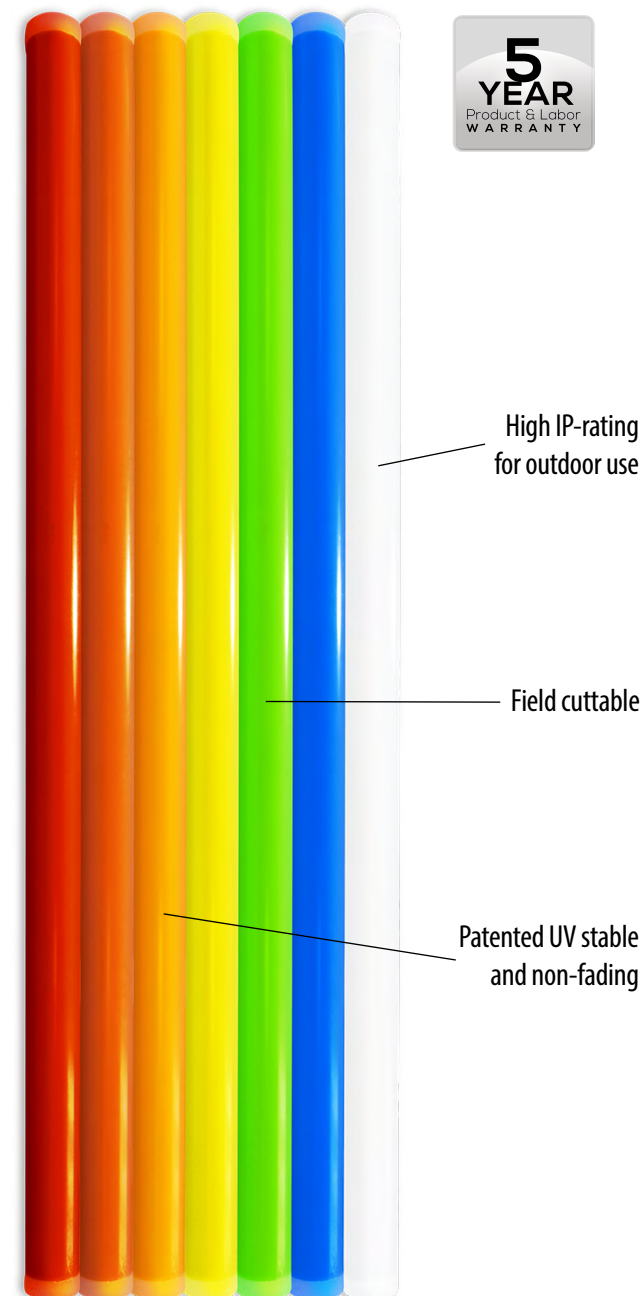
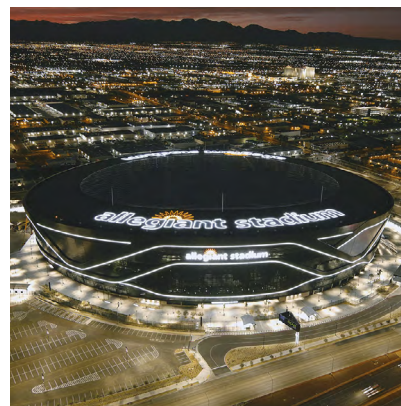


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Branding your Business

LEDStripe bordertubes are designed to visualize the brand of the company from the distance. Branding by colour helps to show potential customers where to find you and makes the brand memorable and easy to recognize.

- Daytime colour when non-illuminated
- High impact acrylic: UV stable, hydrocarbon
- Insensitive, and non-fading
- Can be factory bent to minimum 305mm radius
- Product can be cut to custom lengths in the field
- High IP-rating for outdoor use
- MacAdam step 3 for colour consistency
- Accessories for 3 corner configurations
- 20-years on the market with +5M meters installed globally





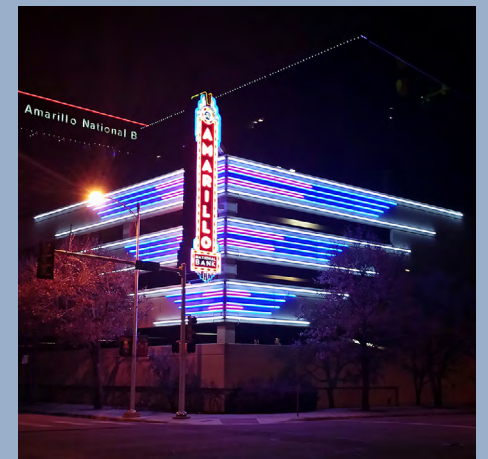
Designed to **Border Boost** identity

LEDStripe provide a unique and recognisable identity for companies, helping them to stand out from the crowd

There's a huge amount of competition today, so businesses need to go the extra mile of ensuring they stand out in a crowd. To do this, you should invest in solutions that will get and keep people's attention.

Your brand gives you personality and consists of elements such as logos and colours. Using LEDStripe for branding is a way of distinguishing yourself from the competitors and makes a memorable impression on consumers and allows your customers and clients to know what to expect from your company.

Branding is defined as "the act of giving a company a particular design or symbol in order to advertise its products and services" and that is what LEDStripe is designed to do.



General Specifications

Dimensions

Width 25 mm

Height 43 mm

Length - see chart

Operating temperature

-40° C to +70° C

Protection class

IP66

Power per meter

24 VDC - 2 W / meter (blue / green)

24 VDC - 5 W / meter (all other colours)

Optional dimming

0-10 V dimming via SloanLED dimmable drivers and optional wired dimming controller

Factory bends

305 mm radius (radial and flat bend)

In-field bends

4.25 m (radial bend)

5.8 m (flat bend)

Special feature

UV colour stable (patent)

MacAdam step 3 binning

Field cuttable

Life rating

>60,000 hours to L95 at ≤50° C ambient

Daytime colour chart

Unlit product colour chart



Red
Pantone 1797 C



Orange
Pantone 1797 C



Amber
Pantone 2012 C



True Yellow
Pantone 7405 C



Green
Pantone 355 C



Blue
Pantone 2935 C



Lemon Yellow
Pantone 138 C



White
6500 K

Lemon Yellow illuminates lighter than its daytime colour – almost like True Yellow.
Lemon Yellow daytime colour is Amber.

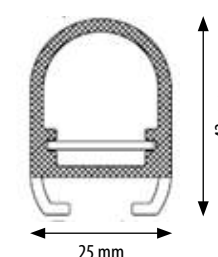
Product Options

CCT/colour	Daytime colour	Lm/ meter	Cut section length	Max. length / 96 W PS	W/max. length	SKU
6500K	White	387	75 mm	2 x 9 m	90	701189E-W-X
Red (630 nm)	Red	72			90	701189-XH
Orange (604 nm)	Orange	19,5			90	701189-A-XD
Amber (588 nm)	Orange	32			90	701189-Y-XD
True Yellow	Yellow	276			90	701189-YT-X
Green (525 nm)	Green	65			36	701189D-G-X
Blue (471 nm)	Blue	31,5			36	701189A-B-XD
Lemon Yellow	Orange	283			90	701189E-WY-X

Dimension

Item description	Actual length
0.6 m tube	635 mm
1.2 m tube	1245 mm
1.8 m tube	1867 mm
2.4 m tube	2477 mm

Dimensions



Accessories



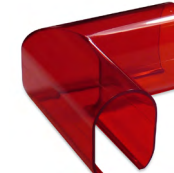
Joint cover
701361-X



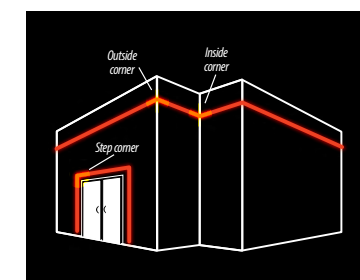
Outside corner
701362-X



Inside corner
701363-X



Step corner
701364-X



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We Brighten Your Brands



12
VDC

ColorLINE

Long-Lasting Brilliance



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Efficient, Durable, Brilliant.

Choose LED Tubes for Your Lighting Needs.

LED tubes consume significantly less energy and have a much longer operational life reducing the need for frequent replacements. ColorLINE produce very little heat compared to traditional neon tubes and contain no toxic materials making it a more environmentally friendly option.

- Slim profile similar to neon tubes
- Daytime colour when non-illuminated
- High impact acrylic: UV-stable, hydrocarbon incentive, and non-fading
- Field-cutable
- High IP-66 rating for outdoor purposes
- Completely assembled and sealed tubes ready for installation





Shine Bright and Save Big. The Benefits of ColorLINE.

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

ColorLINE are more durable and resistant to shock and vibration, making them ideal for various applications. Available in various colour temperatures and designs, the ColorLINE LED tubes can enhance aesthetics and provide customizable lighting solutions.

Due to their longevity and durability, ColorLINE require less maintenance and replacement, saving time and resources. These benefits make LED tubes a popular choice for any commercial and industrial lighting applications.





General Specifications

Dimensions

Width 11 mm
Base width 15 mm
Height 25 mm

Operating temperature

-40° C to +70° C

Protection class

IP66

Power per meter

12 VDC - 7.5 W / meter

Optional dimming

0-10 V dimming via SloanLED dimmable drivers
and optional wired dimming controller

Cut increments

60 mm (all colours)

Factory bends

305 mm

In-field bends

5.8 m (radial bend)
1.8 m (flat bend)

Special feature

UV colour stable (patent)
Pre-manufactured corners - see Accessories
MacAdam Ellipse 3-step
Field cuttable

Life rating

>50,000 hours to L88 at ≤50° C ambient

Daytime colour chart

Unlit product colour chart



Red
Pantone 485 C



Orange
Pantone 151 C



YELLOW
Pantone 3975 C



Green
Pantone 355 C



Blue
Pantone 2935 C

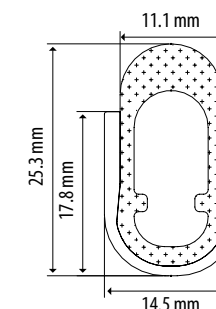
Product Options

CCT/colour	Daytime colour	Lm/meter	Cut section length	Max. length / 96 W PS	W/max. length	SKU
6500K	White	161	60 mm	7.3 m	55	701800-W-X
3500K		41				701800A-WW-X
Red (630 nm)	Red	92				701800D-R-X
Orange (609 nm)	Orange	118				701800D-O-X
Yellow (590 nm)	Yellow	76				701800D-Y-X
Green (528 nm)	Green	72				701800D-G-X
Blue (471 nm)	Blue	23				701800D-B-X

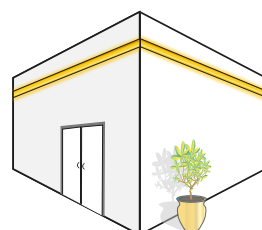
Dimension

Item description	Actual length
0.6 m tube	626 mm
1.2 m tube	1236 mm
1.8 m tube	1846 mm
2.4 m tube	2455 mm

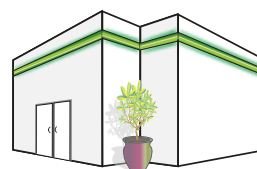
Dimensions



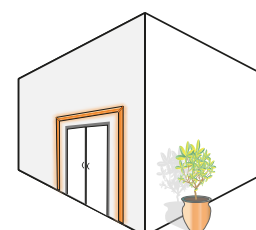
Accessories



Outside corner



Inside corner



Step corner



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We Brighten Your Brands



24
VDC

FlexiBRITE

Flexibility Meets Brilliance



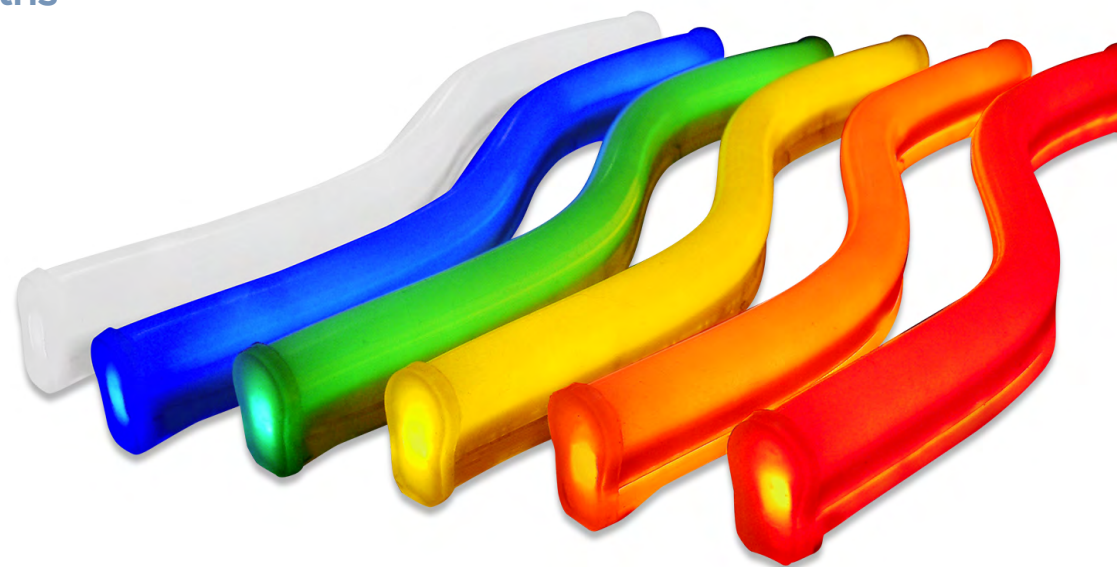
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Unleash Creativity with Flexible LED Tubes



FlexiBRITE24 is a next-generation flexible LED lighting solution that adds neon-like appeal to any LED-lit sign. Featuring an improved design that builds on all we've learned over +15 years with FlexiBRITE 12 VDC for outstanding durability and more product per power supply, FlexiBRITE24 lets your creativity shine!

- Daytime colour when non-illuminated
- High IP66 rating ideal for exterior applications such as sign perimeters, letters, symbols, accent stripes, borders, and open-face channel letters
- UV-stable and non-fading
- Field-bendable and field-cuttable to custom lengths
- Market leading life rating >50,000 hours to L88
- Up to 10 m per 100 W 24 VDC power supply

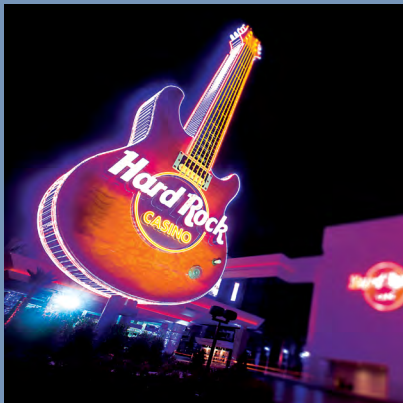


Bright Ideas for Every Room

It can sometimes be overwhelming deciding how to create an eye-catching business window to attract customers. Neon-like LED tube lights are simple, flexible and takes away the stress of choosing a complicated neon design.

Traditional neon tubes are designed from soft lead glass that is heated, bent and then filled with gases. The FlexiBRITE LED neon-like tubes are a safer option than traditional neon tubes, as they contain no hazardous chemicals or neon gas. They are also not hot to touch and are at no risk of over-heating or creating a fire hazard. Furthermore they are lightweight, shatter-resistant and effective at transmitting light and creating illumination.

FlexiBRITE play a vital role in many commercial locations, such as windows of bars, restaurants and shops. They are commonly used to attract potential customers' attention to a business or campaign.



General Specifications

Operating temperature

-40° C to +70° C

Protection class

IP66

Power per meter

24 VDC - 9 W / meter

Dimensions

Width 15.2 mm

Height 25.7 mm

Length 1.5 m and 6.0 m

Cut increments

50 mm (all colours)

In-field bends

305 mm (radial bend)

25 mm (flat bend)

Special feature

UV colour stable (patent)

Hook up wires every 300 mm

Field cuttable

Life rating

>50,000 hours to L88 at ≤50° C ambient

Daytime colour chart

Unlit product colour chart



Ruby Red
Pantone 1788 C



Citrus Orange
Pantone 172 C



Noviol Gold
Pantone 115 C



Emerald Green
Pantone 339 C



Bromo Blue
Pantone 3005 C

Product Options

CCT/colour	Daytime colour	Lm/meter	Cut section length	Max. length / 96 W PS	W/max. length	SKU
6500K	White	79	50 mm	10 m	90	701499E-W-20
Ruby Red (633 nm)	Red	18				701499E-R-20
Citrus Orange (606 nm)	Orange	22				701499E-O-20
Noviol Gold (606 nm)	Yellow	15				701499E-Y-20
Emerald Green (528 nm)	Green	26				701499E-G-20
Bromo Blue (470 nm)	Blue	6				701499E-B-20

Accessories



Mounting Clips
402888-25
Bag of 25



Mounting Track
402889-10
Bag of 10



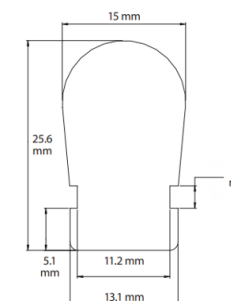
Endcaps
See part number
in chart



Power Supply capacity

24 VDC Power supply	FlexiBRITE all colours
30W power supply	3 m
60W power supply	6 m
100W power supply	10 m
150W power supply	Three (2) legs 8 m each

Dimensions



Description	Part number	Quantity
Endcaps, White (inserts included)	402884-10	Bag of 10
Endcaps, Ruby Red (inserts NOT included)	402884-R-10	Bag of 10
Endcaps, Citrus Orange (inserts NOT included)	402884-O-10	Bag of 10
Endcaps, Noviol Gold (inserts NOT included)	402884-Y-10	Bag of 10
Endcaps, Emerald Green (inserts NOT included)	402884-G-10	Bag of 10
Endcaps, Bromo Blue (inserts NOT included)	402884-B-10	Bag of 10



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We Brighten Your Brands



24
VDC



FlexiBRITE

Side Bend



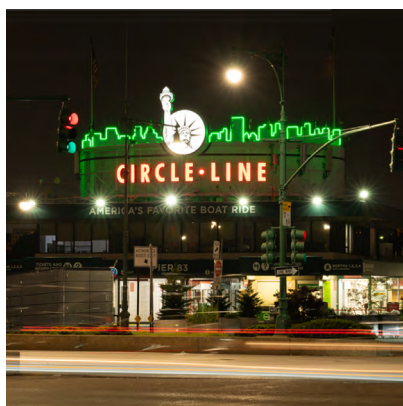
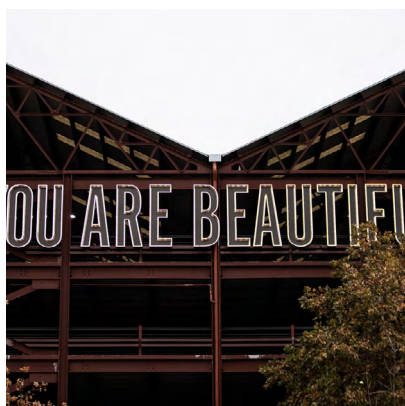
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Bend the Rules of Design with FlexiBRITE



FlexiBRITE Side Bend is the perfect border solution for adding an extra punch of color to your building without pricey customization or set-up fees, so enjoy wrapping your building quickly and easily.

- High IP67 rating ideal for exterior applications such as sign perimeters, letters, symbols, accent stripes, borders, and open-face channel letters
- Dual-colour, UV-resistant silicone extrusion
- Field-bendable and field-cuttable to custom lengths
- Up to 7.3 m on a 100 W 24 VDC power supply



Flex Your Creativity with LED Brilliance

Flexible LED neon-like FlexiBRITE border tubes are highly popular in architectural designs due to their aesthetic appeal and versatility. These tubes can be easily bent and shaped. This allows architects to seamlessly integrate them into a building's structure, or design signs that produce uniform, vibrant lighting that mimics traditional neon while offering customizable colors and effects. They can enhance ambiance, highlight architectural features, or create artistic statements.

FlexiBRITE Side Bend LED tubes are made from silicone, making them weather-resistant and suitable for both indoor and outdoor use. They are also safer than glass neon lights, as they do not shatter and operate at low voltage.

The FlexiBRITE programmable RGB LEDs can display dynamic lighting effects such as dimming, flashing, or transitioning between colors. This adds a layer of interactivity and modernity to architectural designs.



General Specifications

Operating temperature

-40°C to +65°C

Protection class

IP67

Power per meter

24 VDC - 12 W / meter

Dimensions

Width 11 mm

Height 20 mm

Length 1.5 m, and 7.3 m

Cut section increments

8.3 mm (all colours)

In-field bends

60 mm (side bend)

Special feature

UV colour stable (patent)

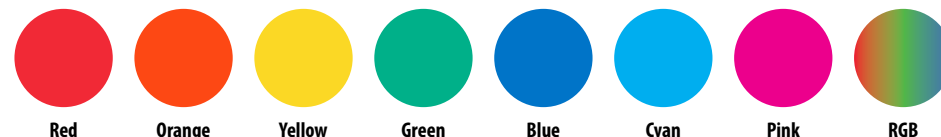
Hook up wires every 300 mm

Life rating

>50,000 hours to L88 at ≤50°C ambient

Daytime colour chart

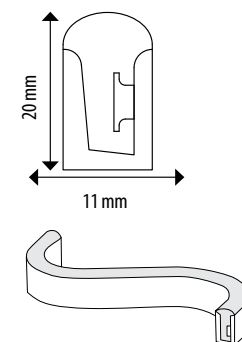
Unlit product colour chart



Product Options

CCT/colour	Daytime colour	Lm/meter	Cut section length	Max. length / 100 W PS	W/max. length	SKU
6500 K	White	351	8.3 mm	7.3 m	87.6 W	M-SW024-65
5000 K						M-SW024-50
4000 K						M-SW024-40
Red (623 nm)	Red	151				M-SW024-RD
Orange (609 nm)	Orange	121				M-SW024-OR
Yellow (590 nm)	Yellow	167				M-SW024-YL
Green (525 nm)	Green	279				M-SW024-GR
Blue (468 nm)	Blue	75				M-SW024-BL
Cyan (made to order)	White	52				M-SW024-CN
Pink (made to order)		30				M-SW024-PK
RGB		N/A				M-SW024-3C

Dimensions



End caps*

Silicone end cap

A-SVHW-ECSI

* End cap quantities are available upon request.



Silicone glue

A-SWFX-SA

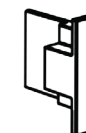


Silicone insert, single color

X-C-SV-SI1C

Silicone insert, RGB

X-C-SV-SI3C

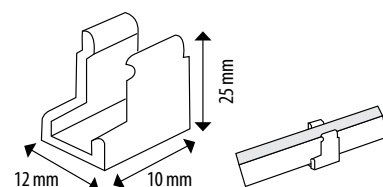


Accessories

Transparent PC clips*

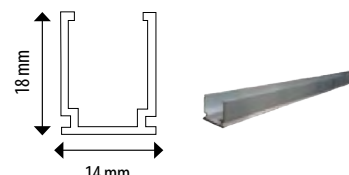
A-SVMH-CLPL

* Transparent clips are not warranted if used in outdoor applications.



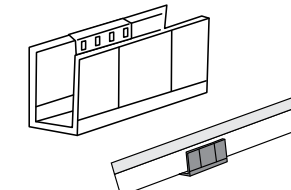
3.28-ft & 8-ft Aluminum mill finish extrusion for outdoor applications

A-SVMH-TRAL



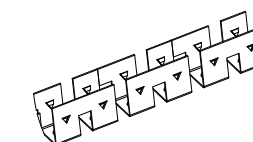
Aluminum mill finish clips for outdoor applications

A-SVMH-CLAL



Stainless steel chain for curve installation

A-SVMH-CHSS



We Brighten Your Brands



24
VDC

FlexiBRITE

Back Bend

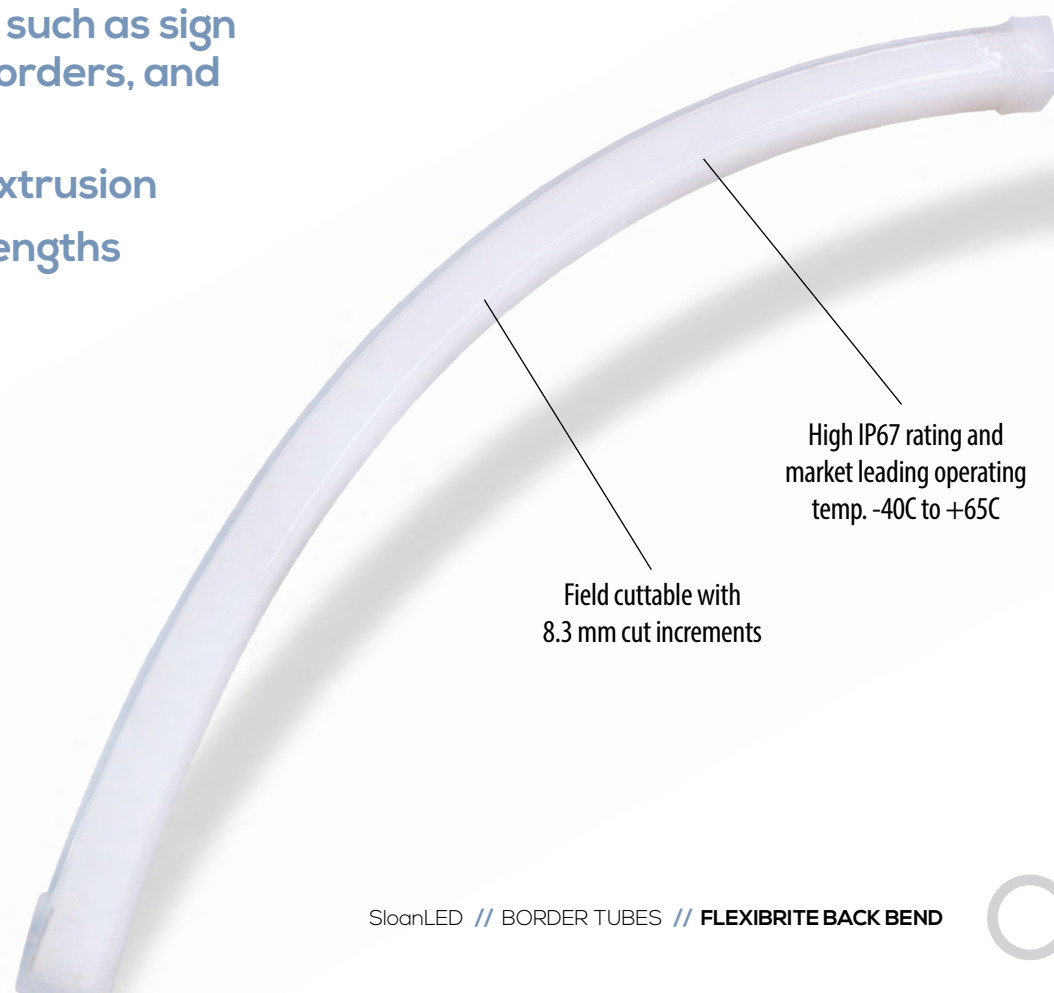
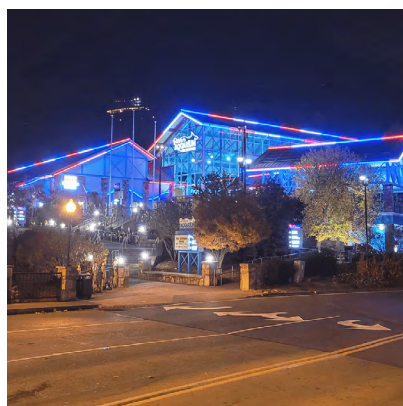
 **SloanLED®**
A Principal Industries Company

Sustainable, Sleek, and Stunning FlexiBRITE Back Bend Border Tubes for Modern Design



FlexiBRITE Back Bend LED border illumination is a flexible and rigid solution that adds eye catching neon-like appeal to any architectural or signage application, with all the cost savings of LEDs.

- High IP67 rating ideal for exterior applications such as sign perimeters, letters, symbols, accent stripes, borders, and open-face channel letters
- Day time coloured and UV-resistant silicone extrusion
- Field-bendable and field-cuttable to custom lengths
- Up to 7.3 m on a 100 W 24 VDC power supply



High IP67 rating and
market leading operating
temp. -40C to +65C

Field cuttable with
8.3 mm cut increments

The Future of Stylish and Functional Lighting

FlexiBRITE Back Bend add a contemporary and stylish touch to any space, enhancing the overall aesthetic with smooth, uninterrupted lines of light. Available in various lengths, colors, and brightness levels, they can be integrated into different architectural styles, from minimalist to bold, modern designs.

The FlexiBRITE Back Bend RGB allow for customizable colors, brightness levels, and even dynamic lighting effects, giving designers complete flexibility to create unique atmospheres.

The slim design allows for easy integration into tight spaces like along walls, ceilings, and architectural features without taking up too much room.

The FlexiBRITE Back Bend is adaptable to various applications: From accent lighting to task lighting, they can be used to illuminate specific areas or highlight architectural elements, adding depth and interest to any project.

General Specifications

Operating temperature

-40° C to +65° C

Protection class

IP67

Power per meter

24 VDC - 12 W / meter

Dimensions

Width 16 mm

Height 14 mm

Length 1.5 m, and 7.3 m

Cut section increments

8.3 mm (all colours)

In-field bends

60 mm (back bend)

Special feature

UV colour stable (patent)

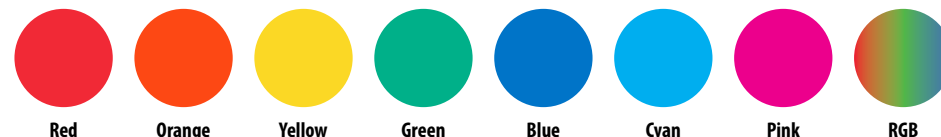
Hook up wires every 300 mm

Life rating

>50,000 hours to L88 at ≤50° C ambient

Daytime colour chart

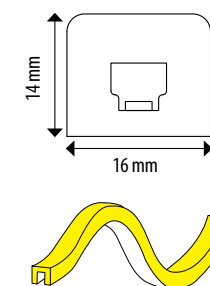
Unlit product colour chart



Product Options

CCT/colour	Daytime colour	Lm/meter	Cut section increments	Max. length / 100 W PSU	W/max. length	SKU
6500 K	White	1000	8.3 mm	7.3 m	87.6 W	M-BW024-65
5000 K						M-BW024-50
4000 K						M-BW024-40
Red (623 nm)	Red	269				M-BW024-RD
Orange (609 nm)	Orange	380				M-BW024-OR
Yellow (590 nm)	Yellow	518				M-BW024-YL
Green (525 nm)	Green	459				M-BW024-GR
Blue (468 nm)	Blue	66				M-BW024-BL
Cyan (made to order)	White	118				M-BW024-CN
Pink (made to order)		56				M-BW024-PK
RGB	White	N/A				M-BW024-3C

Dimensions



End caps

Silicone end cap
A-SXMH-ECSI



Silicone glue
A-SWFX-SA



Silicone insert, single colour
X-C-SX-SI1C
Silicone insert, RGB
X-C-SX-SI3C

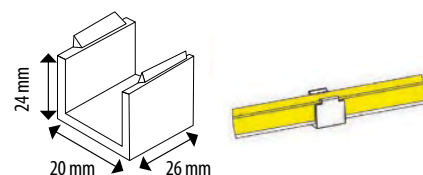


Accessories

Transparent PC Clips*

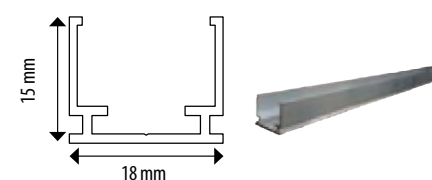
A-SXMH-CLPL

** Transparent clips are not warranted if used in outdoor applications.*



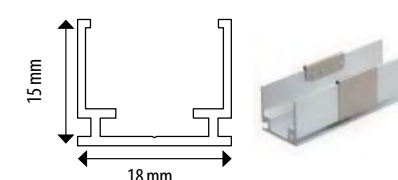
1 m & 2,44 m aluminum mill finish extrusion for outdoor applications

A-SXMH-TRAL



Aluminum mill finish clips for outdoor applications

A-SXMH-CLAL



« GO TO CONTENT

We Brighten
Your Brands

24
VDC

10
YEAR
Product & Labor
WARRANTY

HighLINER3

Sleek and Aesthetic



SloanLED®

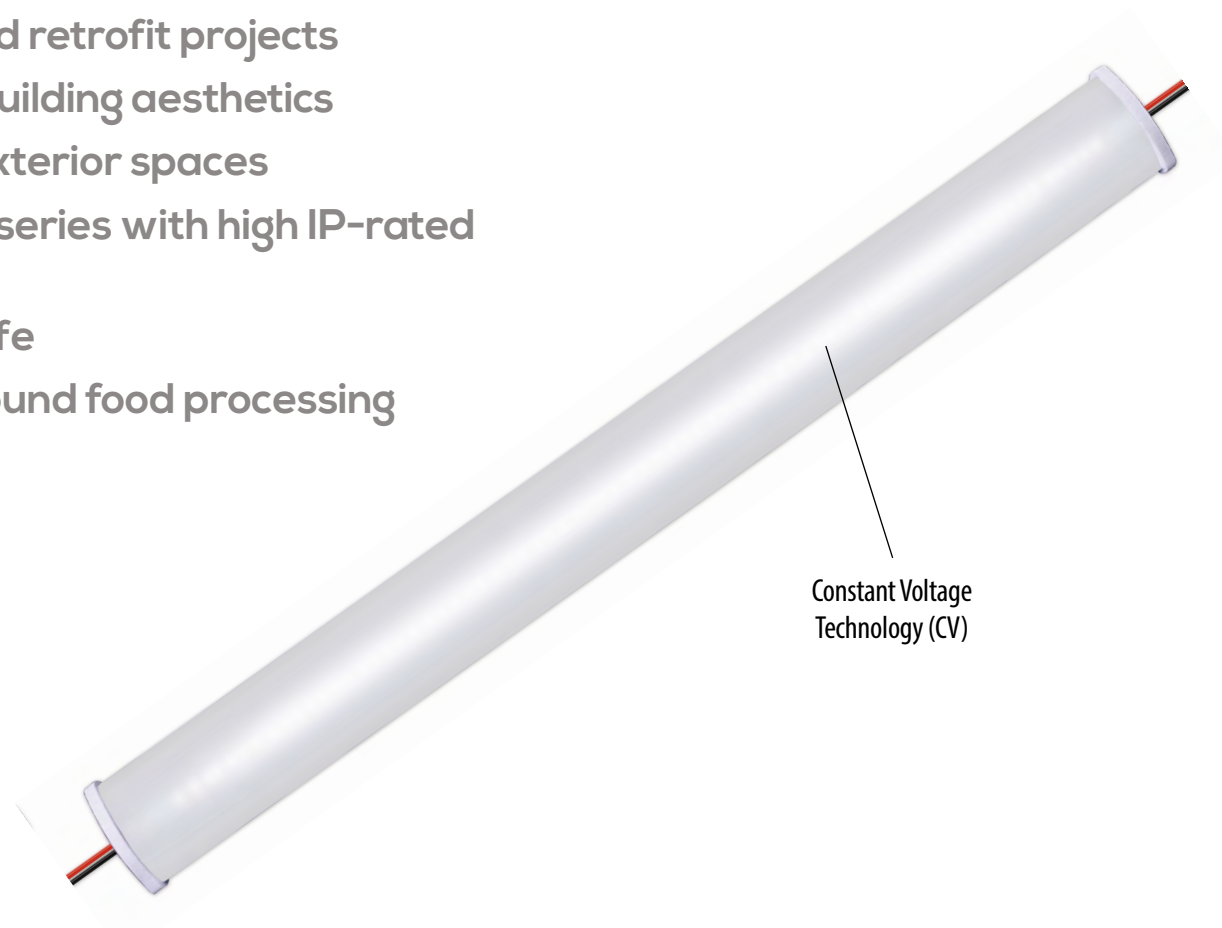
A Principal Industries Company

Linear Light, Boundless Brilliance



Highliner3 is an architectural linear light that is designed to provide both functional and aesthetic illumination in architectural spaces. This fixture can be integrated seamlessly into ceilings to enhance the design and ambience of the space.

- Can be mounted as recessed, surface-mounted, or wall-mounted options
- Easy installation in new construction and retrofit projects
- Improves walkway/aisle visibility and building aesthetics
- It fits easily in new or existing interior/exterior spaces
- Easily daisy-chain several luminaires in series with high IP-rated quick connectors
- IP68-rated with 100,000H calculated life
- NSF/ANSI 2 qualified for use on and around food processing and equipment



Multiple applications

One brilliant solution

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

Endless Light, Infinite Possibilities

Architectural linear lighting serves as both a functional and artistic element, offering endless possibilities for creative and practical lighting design.

Linear illumination delivers an increased sense of safety and visual comfort for visitors without intruding on neighboring properties and therefore makes it ideal for petroleum stations, restaurants, c-stores, parking structures, stockrooms, coolers, and car washes.



General Specifications

Light distribution

Linear

Operating temperature

-25° C to +50° C

Protection class

IP68

IP66 (quick connectors)

Dimming

Optional motion sensing

Housing

Aluminium

Acrylic, impact modified with UV stabilization

Body colour

White

Life rating

>100,000 hours to L70 at ≤50° C ambient



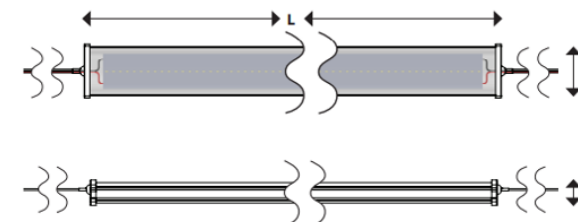
5000 K

24
VDC



MODEL	SYSTEM POWER	OUTPUT (NOMINAL)	EFFICACY	DIMENSIONS L × W × H
0.3 m	4.6 W	607 lumens	132 lm/W	304 mm × 60 mm × 26 mm
0.6 m	9.3 W	1168 lumens		583 mm × 60 mm × 26 mm
1.2 m	18.5 W	2430 lumens		1142 mm × 60 mm × 26 mm
1.8 m	27.8 W	3646 lumens		1703 mm × 60 mm × 26 mm
2.4 m	37.0 W	4861 lumens		2264 mm × 60 mm × 26 mm

Dimensions



MAXIMUM LENGTH OF LUMINAIRES IN SERIES (PER POWER SUPPLY)												
TOTAL NOMINAL LENGTH	0.6 M	1.2 M	1.8 M	2.4 M	3.0 M	3.7 M	4.3 M	4.9 M	5.5 M	6.1 M	6.7 M	7.3 M
Luminaire input power (W)	7.80	15.60	23.40	31.20	39.00	46.80	54.60	62.40	70.20	78.00	85.80	93.60
100 W 1-10 VDC												
90 W 1-10 VDC												
60 W 1-10 VDC												
40 W 1-10 VDC												
Contact SloanLED												

Cables and connectors

Accessory	Part number	Description
Hook-up cable, 3.0 m	701158-120	Connects HighLINER3 to power supply
Hook-up cable, 4.6 m	701158-180	
Wiring pigtail, large connector	701187-DC	Male, outdoor-rated connector
Wiring pigtail, small connector	701188-DC	Female, outdoor-rated connector

Accessories



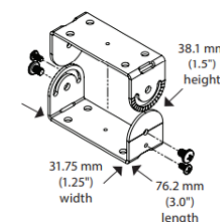
Mounting Clips

Description	Part number	Length	Qty
Mounting clip Straight arm	400686	0.3 m	2
Mounting clip Straight arm	400686	0.6 m	2
Mounting clip Straight arm	400686	1.2 m	3
Mounting clip Straight arm	400686	1.8 m	4
Mounting clip Straight arm	400686	2.4 m	5



Wire nut housing 400860

Two (2) pcs each included
per luminaire



Adjustable Hinge 702000



Hook-up cable 701158-120



Wiring pigtail 701187-DC Large connector



Wiring pigtail 701188-DC Small connector

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10/5
YEAR
WARRANTY

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VDC

Spectrum

The Power of RGBW Lighting

 **SloanLED**
A Principal Industries Company

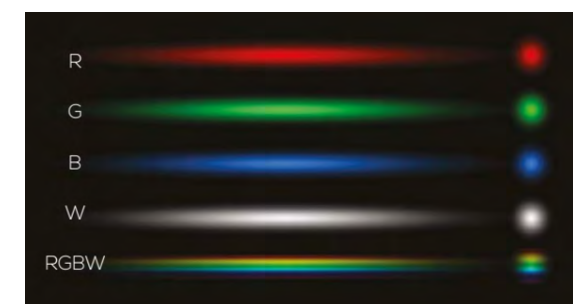
A Spectrum of Possibilities



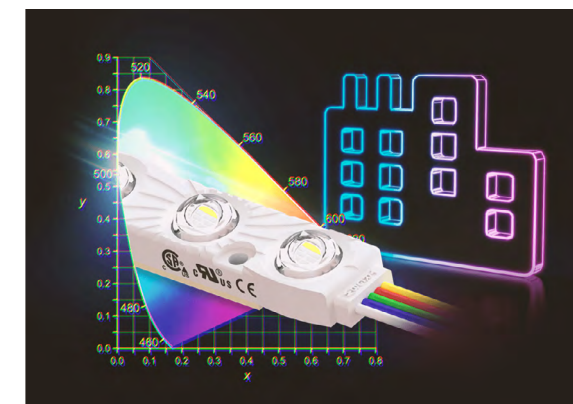
RGBW modules are increasingly popular in architectural lighting applications due to their ability to produce a wide spectrum of vibrant colours and high-quality white light. They offer excellent flexibility, allowing designers to create dynamic and aesthetically pleasing lighting effects for both indoor and outdoor spaces. Here's an overview of why SloanLED Spectrum RGBW modules are utilized in architectural applications

- SloanLED Spectrum RGBW Module offers the most brilliant and efficient option in its class
- Excellent thermal management for greater safety and reliability
- Compatible with all four-channel PWM wired, wireless, and DMXcontrol systems for total control and unique lighting effects
- Industry-leading 10-year product, 5-year labour warranty
- Covered by a licensing agreement which protects both the installer and end-user from Signify (Philips Lighting) royalty fees associated with patented RGB technology

What is RGBW?



RGBW LED modules contain red, green, blue, and white LED chips which can be used at different brightness levels to create a full spectrum of colours for creative lighting effects.



Elevate Architecture with Stunning RGBW Solutions

The Spectrum RGBW modules offer a perfect blend of aesthetics, performance, and efficiency, making them an indispensable choice for architectural lighting.

Their ability to seamlessly switch between vibrant colours and high-quality white light makes them ideal for modern architectural projects looking to combine form with function.



General Specifications

Operating temperature

-40° C to +60° C

Controls

Compatible with all four-channel PWM wired, wireless, and DMX control systems

Protection class

IP65

Special feature

Continuous Release Liner (CRL)
Constant Current (CC)

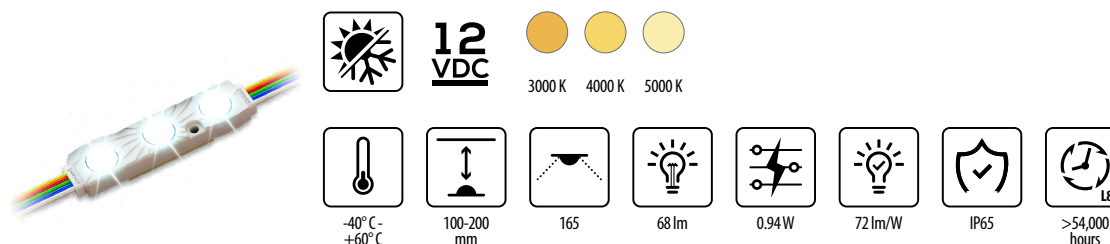
Life rating

>54,000 hours to L80 at ≤50° C ambient

Fastening

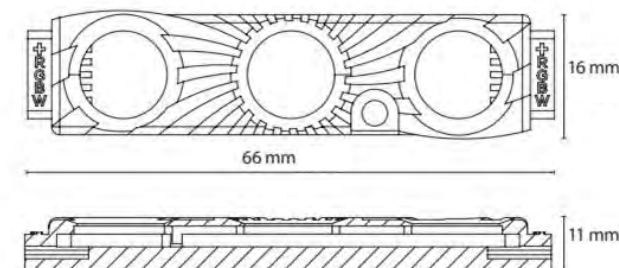
Peel-n-stick and mechanical

Spectrum



12 VDC		LUMEN PER CHANNEL	WATT	EFFICACY (LM/W)	WAVELENGTH
COLOUR	Red	10	0,23	43	622 nm
	Green	26	0,23	113	526 nm
	Blue	6	0,23	26	469 nm
	White	26	0,23	113	
	RGBW All	68	0,94	72	

Dimensions



Power Supply Capacity

12 VDC POWER SUPPLY	MAXIMUM METERS / MODULES
	RGBW 4.9/M
20 W Power Supply	3.9 m / 19 mods
20 W Power Supply	4.9 m / 24 mods
30 W Power Supply	5.9 m / 29 mods
60 W Power Supply	12.2 m / 60 mods
100 W Power Supply	20.0 m / 98 mods
150 W Power Supply	2 x 14.8 m / 2 x 73 mods



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We Brighten Your Brands

10
YEAR
Product & Labor
WARRANTY

12
VDC

FlexTAPE

Design Flexibility



SloanLED®
A Principal Industries Company

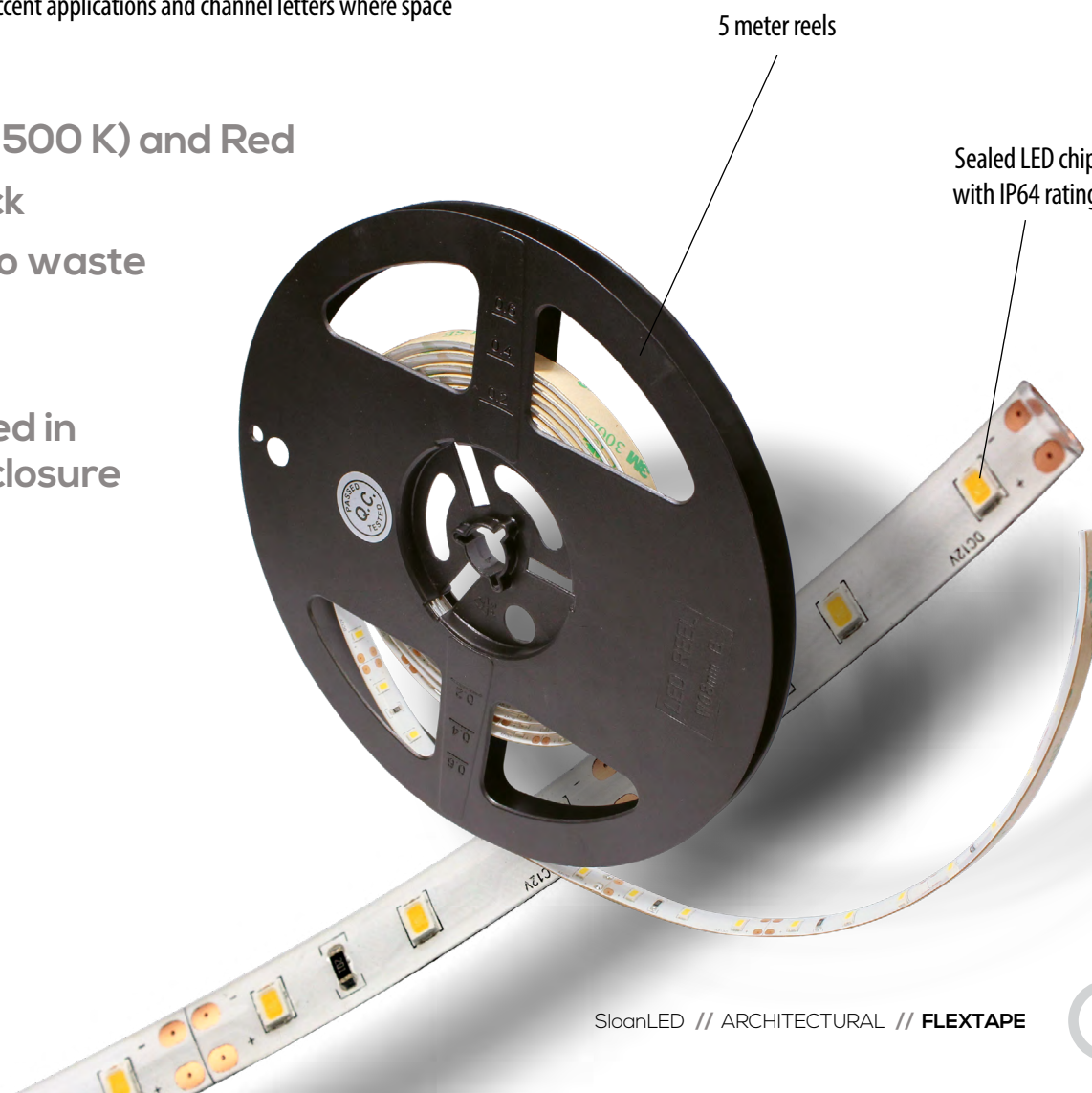


The flexibility to do more

SloanLED FlexTAPE is a highly versatile and efficient lighting solution that has become a go-to choice for architectural design who wants a premium quality tape solution.

The bendable and shapeable FlexTAPE can be easily curved, cut, and shaped to fit virtually any design, from straight lines to intricate patterns and delivers flexibility and fast, easy installation in shallow architectural accent applications and channel letters where space is at a premium.

- Available in White (6500 K, 5000 K, 3500 K) and Red
- Easy installation with peel-n-stick back
- Can be cut in 50 mm segments for zero waste
- Electrical connectors available for solder-free installation
- High IP64-rating and may even be used in IP66 application with appropriate enclosure



A Flexible Range of Applications

SloanLED FlexTAPE is adaptable to various architectural applications:

Cove Lighting:

Adds soft, indirect lighting to ceilings or walls.

Accent Lighting:

Highlights features like artwork, columns, or alcoves.

Staircase and Pathway Illumination:

Ensures safety while enhancing visual appeal.

Under-Cabinet Lighting:

Adds functional and aesthetic value to kitchens or workspaces.

Facade Lighting:

Highlights building exteriors with dynamic effects or subtle illumination.

The use of the high-quality FlexTAPE ensures a consistent and uniform light distribution without dark spots.

FlexTAPE is designed to make life easier during installation and come with peel-and-stick adhesive and electrical connectors for solder-free, easy installation.

General Specifications

Operating temperature

-20° C to +50° C

Protection class

IP64

Leds per meter

60

Approx. cut increments

50 mm

Dimension L x W x H

5 meter x 8 mm x 3 mm

Colours

3500K, 5000K, 6500K

Red (623 nm)

Life rating

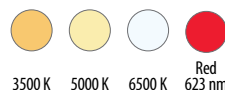
>54,000 hours to L80 at ≤50° C ambient

Fastening

Peel-n-stick



12
VDC



MODEL	LUMEN	WATT	EFFICACY
White	525 lm	4.6 W	114 lm/W
Red	130 lm	3.6 W	36 lm/W

Power Supply Capacity

12 VDC POWER SUPPLY	MAXIMUM METERS	
	WHITE 3500 K, 5000 K, 6500 K	RED
20 W Power Supply	3.9	5.0
30 W Power Supply	5.9	7.5
60 W Power Supply	11.7	15.0
100 W Power Supply	19.5	25.0
150 W Power Supply	2 x 14.6	2 x 18.7
Power used per meter in Watts	4.6 W	3.6 W

Accessories



End Caps

402566-10 (ends with wires)

402566-NH-10 (ends without wires)



Connectors

	BOARD TO BOARD	WIRE TO BOARD
Part number (5 pack)	701991-BB-5	701991-BW-5
Dimensions	12.6 mm x 19.6 mm x 7.7 mm	12.6 mm x 24.3 mm x 7.7 mm
Maximum current	5 A	
Operating temperature	-20° C to +50° C	
Allowable wire size	22-18 AWG (1.5-2.1 mm diameter)	



Connector
701991-BB-5
Board to board

Connector
701991-BW-5
Wire to board



« GO TO CONTENT

We Brighten
Your Brands

24
VDC

5
YEAR
Product & Labor
WARRANTY

Skyline 2

Perfect Lighting, Simplified



 **SloanLED®**
A Principal Industries Company

Let's brighten your world — one slim fixture at a time!



Skyline 2 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. The Skyline 2 Tri-proof IP66 design resists water, dust, and bugs from entering.

Its extruded polycarbonate body and polycarbonate diffuser are designed to look and run cool and makes it the perfect solution for multiple applications in car parks, car washes, and storage rooms.

- Super efficient vapor light with 160 lm/W for OPEX savings
- Microwave dimming sensor available with Zhaga interface for motion control
- Features 3 selectable power (low, medium, high) and CCT (3000 K, 4000 K, 5000 K) options
- Tri-proof LED fixture with IP66 protection against water, dust, corrosion, and water jets
- Pendant and surface mounting for convenient installation
- Easy and reliable waterproof connectors in each end of fixture
- All fixture sizes can be linked together end-to-end, up to 800 W.



Fully functional
CCT and power adjustable



Protection
IP66 & IK08



Global ZHAGA interface



Tool-free wiring
End cap can be opened
by hand

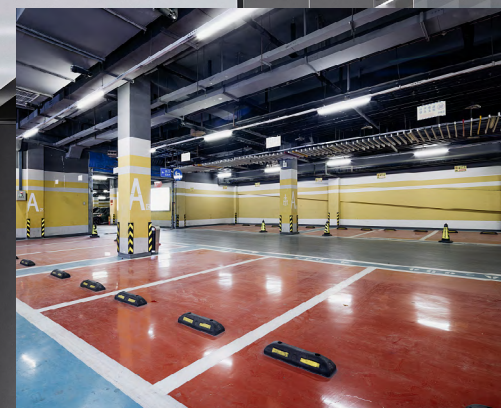
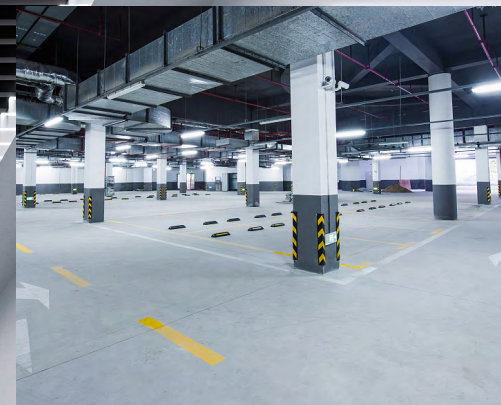


Brilliance Without Boundaries

Skyline 2 use significantly less energy than traditional lighting (e.g., fluorescent tubes) or even LED tubes, reducing electricity costs for facilities with 24/7 lighting needs. The Zhaga Dimming Capabilities with motion sensors to dim or turn off when areas are unoccupied makes even more savings achievable. This dimming feature provides an Instant-On: LEDs light up immediately without warm-up time, ensuring constant safety in areas that experience frequent movement or power cycling.

The Skyline 2 provide consistent, glare-free illumination, improving visibility for drivers and pedestrians. With Customizable Color Temperatures you can create the environment suitable for the application: Cooler white light (4000K–5000K) enhances the perception of brightness and safer space whereas 3000K is creating a warmer and cozier environment.

The Skyline 2 is designed for fast, easy installation and maintenance. It has a modular design for single installation, through wire cable connection, and optional seamless connections. Skyline 2 last significantly longer (>70,000 hours) than LED-tubes, reducing the frequency and cost of replacements. The robust construction makes this fixture resistant to shocks, vibrations, and temperature variations, making it ideal for environments like large parking structures, warehouse, car washes, and storage rooms.



General Specifications

Light distribution

Linear

Operating temperature

-20° C to +50° C

Protection class

IP66

IK08

Dimming

Motion sensing with 0-10V dimming (standard) or DALI dimming (optional)

Housing

White polycarbonate extrusion and end caps

Diffuser

Translucent white, translucent polycarbonate

Color rendering

(CRI) >80

Special feature

Power selectable (3 settings)

CCT selectable (3 colours)

Life rating

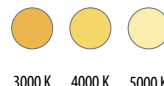
>70,000 hours to L70 at 12 hours per day

Skyline 2



12 VDC

— CCT Selectable —



3000 K 4000 K 5000 K



IP66



≥ 80



Power adjustable



0-10V dimmable



Sensor optional



IK08



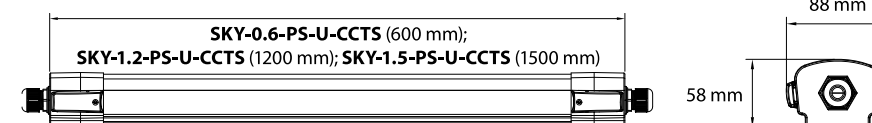
Dimming



Performance summary

SIZES	WATT	LUMENS (MAX.)	SYSTEM EFFICACY
600 mm	10W-15W-18W	2,880	160 lm/W
1200 mm	20W-28W-36W	5,760	160 lm/W
1500 mm	36W-42W-50W	8,000	160 lm/W

Dimensions



Accessories

Mounting

Suspension cable

SKY-1.5-SC

(Includes 2 pcs of 1.5 m cable to be used with included brackets)



Aluminum swing bracket

SKY-SB



Accessories

Connections & Sensors

Connection kit with sensor

SKY-CONNKIT-SENS



Connection kit without sensor

SKY-CONNKIT



End cap with integrated sensor

SKY-SENSEC

Accessories

Remote

Remote for Zhaga sensor (optional)

HD06R



Sales territories – EU



Martin Andersen
Managing Director EU / ROW



Giuseppe Boggio Merlo
Italy



Bertrand Gaudilliere
France



Emmanuel Martin
Iberia – Spain, Portugal



Macer Bridges
U.K., Denmark, Norway, Sweden,
Finland, Iceland, Ireland



Michael Kilp
DACH - Germany,
Austria, Switzerland



George Melissourgos
Greece



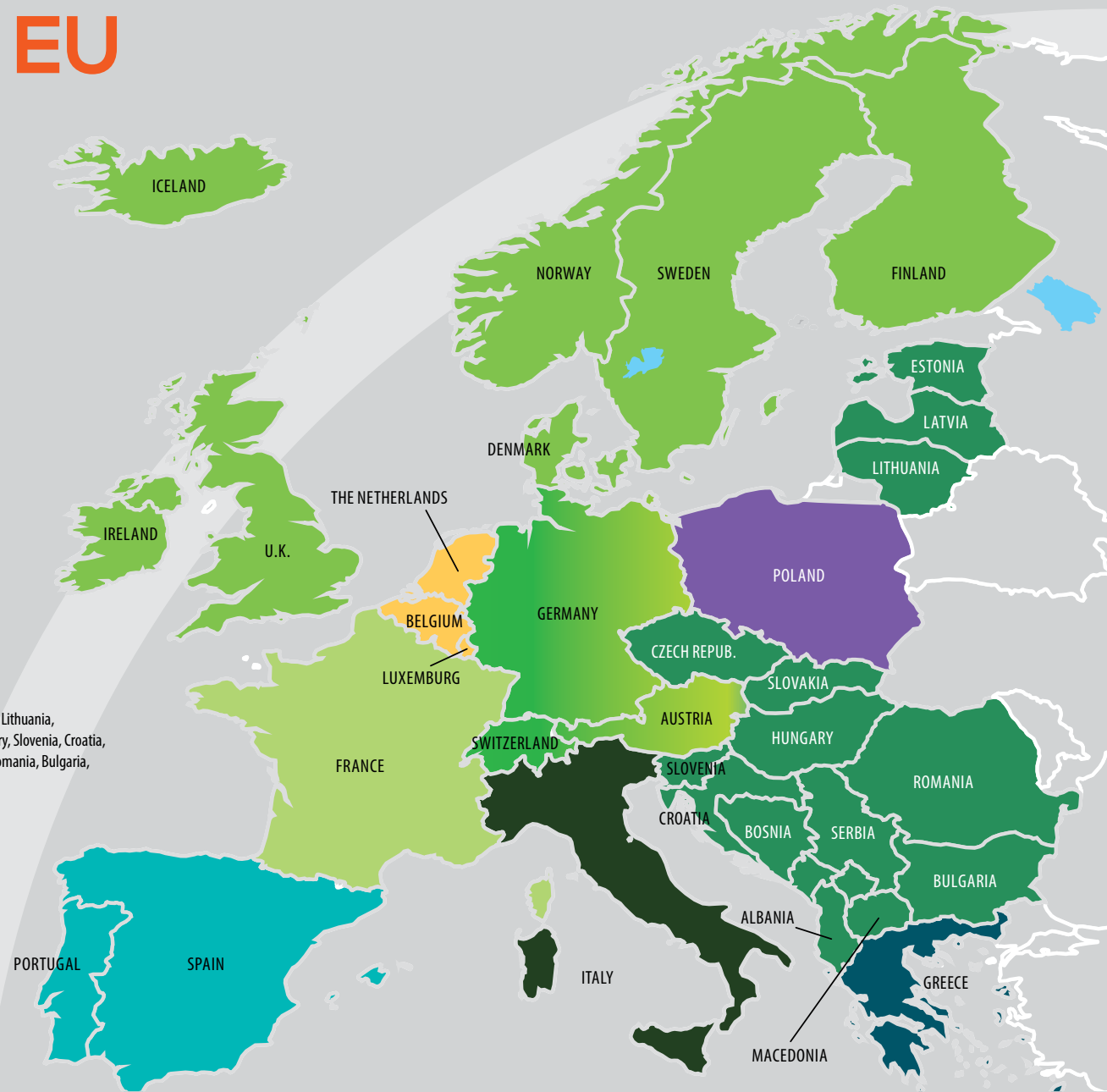
Paul Koch
Benelux – Belgium,
The Netherlands, Luxembourg



Piotr Sarnowski
Poland

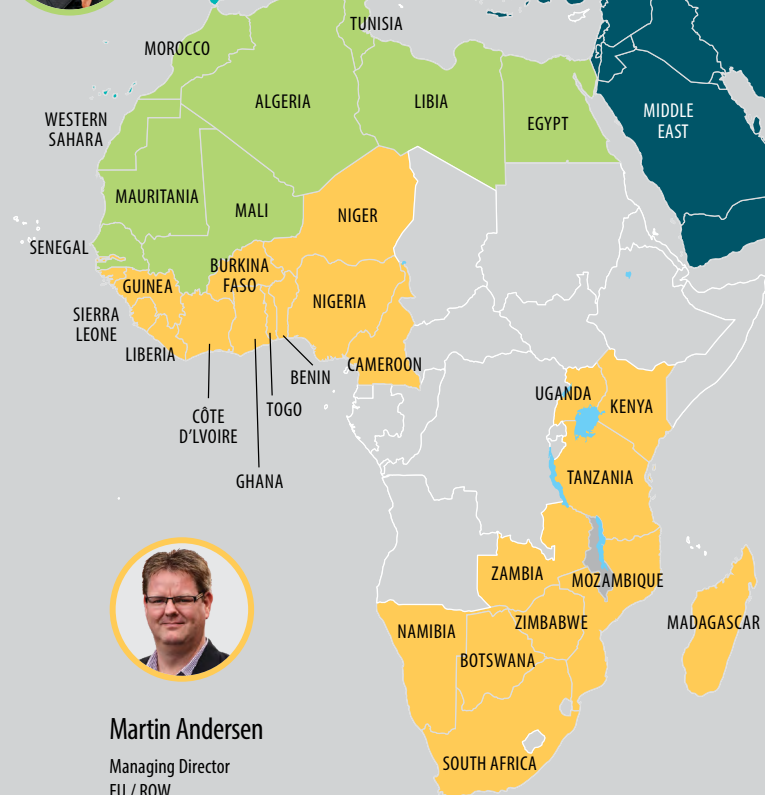


Roman Kanbekov
Eastern Europe – Estonia, Latvia, Lithuania,
Czech Republic, Slovakia, Hungary, Slovenia, Croatia,
Bosnia & Herzegovina, Serbia, Romania, Bulgaria,
Macedonia, Albania



Sales territories – ROW

Bertrand Gaudilliere
North Africa



George Melissourgos
Middle East



Yvonne Zhong
APAC



Martin Andersen
Managing Director
EU / ROW

Contact



Martin Andersen
mandersen@pindustries.com
+45 41 41 61 63
Managing Director EU / ROW



Bertrand Gaudilliere
bgaudilliere@pindustries.com
+33 670 843 143
*France, North Africa
– Morocco, Tunisia, Egypt*



Emmanuel Martin
emartin@pindustries.com
+351 935 560 069
Iberia – Spain, Portugal



Giuseppe Boggio Merlo
gbmerlo@pindustries.com
+39 331 397 5142
Italy



George Melissourgos
gmelissourgos@pindustries.com
+30 69 46 060793
Greece, Middle East



Macer Bridges
mbridges@pindustries.com
+44 7399 215688
*UK, Denmark, Norway, Sweden,
Finland, Iceland, Ireland*



Michael Kilp
mkilp@pindustries.com
+49 160 9153 4567
DACH – Germany, Austria, Switzerland



Paul Koch
pkoch@pindustries.com
+31 6 31 30 94 25
Benelux – Belgium, The Netherlands, Luxembourg



Roman Kanbekov
rkanbekov@pindustries.com
+370 646 19 627
*East Europe – Estonia, Latvia, Lithuania, Czech Republic,
Slovakia, Hungary, Slovenia, Croatia, Bosnia & Herzegovina,
Serbia, Romania, Bulgaria, Macedonia, Albania*



Piotr Sarnowski
psarnowski@pindustries.com
+48 661 617 684
Poland



Yvonne Zhong
yzhong@pindustries.com
+86 138 1680 7172
APAC



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