

24
VDC



We Brighten Your Brands



HighLINER 3

Outdoor and indoor
linear lighting



SloanLED®
A Principal Industries Company

Multiple applications. One brilliant solution.

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

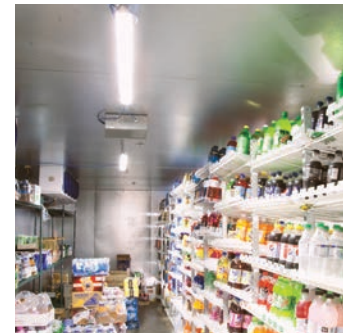


MAPCO



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

- Easy installation in new construction and retrofit projects
- Improves walkway / aisle visibility and building aesthetics
- Easily daisy-chain up to six (6) 4-ft luminaires with 100 W driver
- Co-extruded impact modified acrylic housing diffuses light and protects luminaire to provide long operating life
- Sealed to lock out moisture for even the most challenging applications
- Constant Voltage Technology (CV)
- IP68-rated
- 100,000 hours calculated life
- NSF/ANSI 2 qualified for use around food processing and on processing equipment



We're on a power trip.

Constant Current Technology is at the heart of SloanLED's product offering, and forms the backbone of our LED lighting solutions.

We introduced CCT to the industry to maintain consistent current levels, eliminating the line loss and voltage drop issues common in many LED lighting systems. CCT provides uniform light output throughout the entire installation, while also preventing damage from overdriving of the LEDs.

For more information on our Linear Lighting collection of products, visit SloanLED.com.

Application information

For Lighting Systems Applications

Architectural drivers

Description	Part number
100 W 24 VDC Driver, 120-277 V, 0-10 V PWM	701895-2452D
60 W 24 VDC Driver, 120 - 277 V, 0-10 V PWM	701895-6051D

Maximum length of luminaires in series (per power supply) [†]												
Total nominal length (ft)	2'	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'
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 0-10 VDC												
90 W 0-10 VDC												
60 W 0-10 VDC												
40 W 0-10 VDC												
Contact SloanLED												

[†] Driver/length pairing based on DLC qualified performance. Contact SloanLED for applications outside of shown range.



Branch circuit capacity

Input power			Maximum fixtures per circuit		
Input voltage (VAC)	Length	Driver input power (W)	10A circuit	15A circuit	20A circuit
120	1'	4.13	258	388	518
	2'	9.25	129	194	259
	4'	18.50	64	97	129
	6'	27.75	43	64	86
277	8'	37.00	32	48	64
	1'	4.13	598	898	1196
	2'	9.25	299	449	598
	4'	18.50	149	224	299
	6'	27.75	99	149	199
	8'	37.00	74	112	149

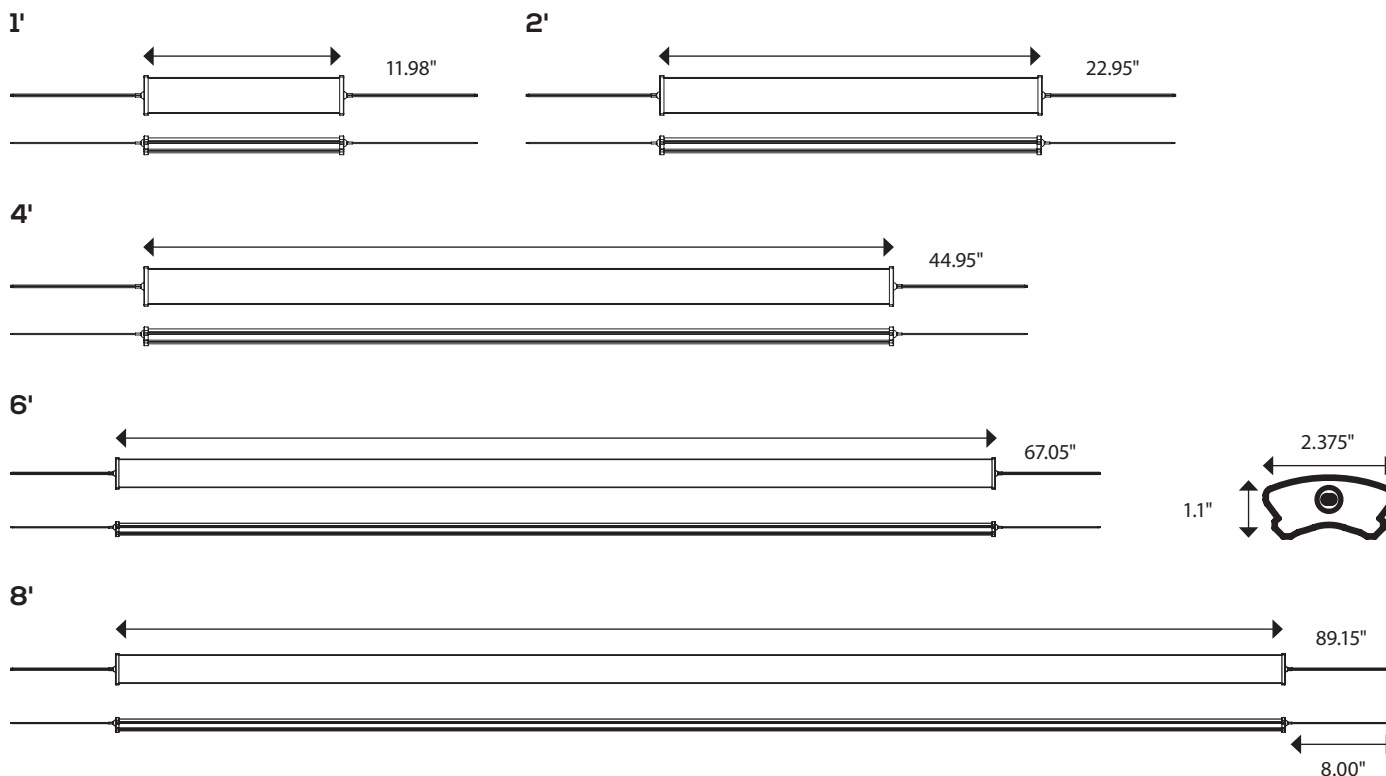
For Signage Applications

Power supply capacity

24 VDC Power supply	HighLINER 3
100 W Power supply	24 ft
Watts per foot	3.6 W



Dimensions



HighLINER 3

Specifications

Electrical

Input voltage 24 VDC

Model	System power	Output (nominal)		Efficacy*	
		3500 K	5000 K	3500 K	5000 K
1'	4.6 W	559 Lumens	607 Lumens	122 lm/W	132 lm/W
2'	9.3 W	1,119 Lumens	1,168 Lumens		
4'	18.5 W	2,237 Lumens	2,430 Lumens		
6'	27.8 W	3,356 Lumens	3,646 Lumens		
8'	37.0 W	4,475 Lumens	4,861 Lumens		

Lighting

Light distribution Linear

Color temperatures (CCT)* 3500 K, 5000 K

Color rendering (CRI) >80

Performance

Operating temperature -13° F to +122 F

Ingress protection Luminaire IP68†
Std. wire nut... IP66
with housing‡

UL locating rating Dry, damp, and wet locations

Life rating Per IES TM-21 @ 70° F:
Reported L₉₀ >36,000 hours
L₇₀ >60,000 hours
Calculated.... L₇₀ >100,000 hours‡

Dimming All luminaires dimmable with 0-10 VDC
or PWM input to drivers

Construction

Housing Acrylic, impact modified with UV stabilization

Body color White

Packaging Twelve (12) units per carton

Mounting

Mounting 8" leads on each end,
mounting clips, and wire nut housings.
Optional components available.

Documentation

Warranty 10-year limited

Agency listings UL, NSF/ANSI 2, ETL, CE,
DesignLights Consortium® (DLC), RoHS

Files available LM-79, LM-80, IES

* Tolerance range for optical and electrical data +/- 15%.

† IP68 ratings provide protection for extreme outdoor and wet applications, or harsh weather exposure.
Do not mount in submerged applications.

‡ Based on LED component manufacturer data.

§ Luminaires ship with mounting clips and wire nut housings.

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Specifications subject to change without notice.

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Ordering Information

Luminaire

Example: 701912-L250C3i18

701912-		C3i18	
Product	Length	Color temp. (CCT)†	Options
701912	L1 1 ft	35 3500 K	QC Quick connect (factory installed male/female connector at each end) 701187-DC or 701188-DC must be ordered for connection to driver
	L2 2 ft	50 5000 K	
	L4 4 ft		
	L6 6 ft		
	L8 8 ft		

† Contact SloanLED Sales for additional CCT options.

Accessories

Length	Qty included
1'	2
2'	2
4'	3
6'	4
8'	5



Mounting clip^Δ
400686
Straight arm



Wire nut housing^Δ
400860
Two (2) pcs each
included per luminaire

Δ Luminaires ship with mounting clips and wire nut housings.

Cables and connectors

Accessory	Part number	Description
701158-120 & 701158-180	701187-DC	701188-DC
Hook-up cable, 10-ft	701158-120	Connects HighLINER 3 to power supply
Hook-up cable, 15-ft	701158-180	
Wiring pigtail, large connector [◇]	701187-DC	Male, outdoor-rated connector
Wiring pigtail, small connector [◇]	701188-DC	Female, outdoor-rated connector

◇ 701187-DC and 701188-DC connectors for use with HighLINER 3 with "QC" Quick Connect option only.

CELEBRATING



OF LIGHTING EXCELLENCE



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