

24  
VDC

10  
YEAR  
Product & Labor  
WARRANTY

# We Brighten Your Brands



## HighLINER 3

Outdoor and indoor  
linear lighting



**SloanLED®**  
A Principal Industries Company

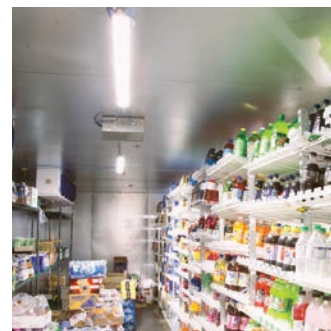
# Multiple applications. One brilliant solution.

- 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



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) 1.2-m 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



## Peace of mind.

For over 60 years, SloanLED has delivered high-efficiency, long-lasting lighting solutions that represent significant energy and maintenance cost savings, easy installation, faster ROI, and exceptional performance with consistent brightness and uniformity.

For more information on our Linear Lighting collection of products, visit [SloanLED.com](http://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	701895-24S2D
60 W 24 VDC Driver, 120 - 277 V, 0-10 V PWM	701895-60S1D

Maximum length of luminaires in series (per power supply) <sup>†</sup>												
Total nominal length (m)	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 0-10 VDC												
90 W 0-10 VDC												
60 W 0-10 VDC												
40 W 0-10 VDC												
Contact SloanLED												

<sup>†</sup> 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	0.3 m	4.13	258	388	518
	0.6 m	9.25	129	194	259
	1.2 m	18.50	64	97	129
	1.8 m	27.75	43	64	86
	2.4 m	37.00	32	48	64
277	0.3 m	4.13	598	898	1196
	0.6 m	9.25	299	449	598
	1.2 m	18.50	149	224	299
	1.8 m	27.75	99	149	199
	2.4 m	37.00	74	112	149

### For Signage Applications

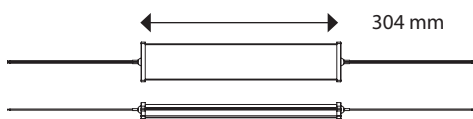
#### Power supply capacity

24 VDC Power supply	HighLINER 3
100 W Power supply	7 m
Watts per meter	11.8 W

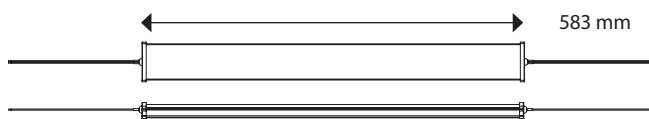


## Dimensions

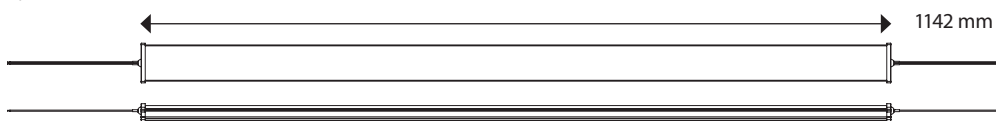
0.3 m



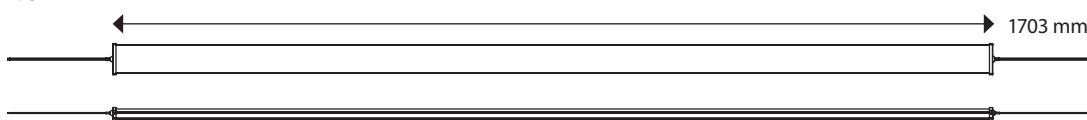
0.6 m



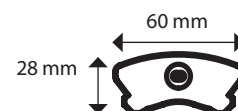
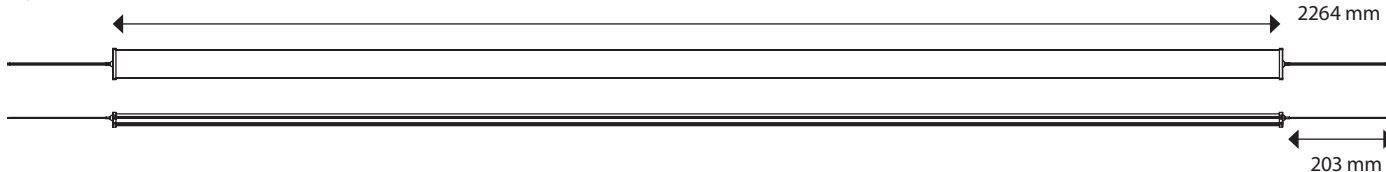
1.2 m



1.6 m



2.1 m





# HighLINER 3

## Specifications

### Electrical

Input voltage ..... 24 VDC

Model	System power	Output (nominal)		Efficacy*	
		3500 K	5000 K	3500 K	5000 K
0.3 m	4.6 W	559 Lumens	607 Lumens	126 lm/W	132 lm/W
0.6 m	9.3 W	1,119 Lumens	1,168 Lumens		
1.2 m	18.5 W	2,237 Lumens	2,430 Lumens		
1.8 m	27.8 W	3,356 Lumens	3,646 Lumens		
2.4 m	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 ..... -25° C to +50° C

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

UL locating rating ..... Dry, damp, and wet locations

Life rating ..... Per IES TM-21 @ 25° C:  
Reported ..... L<sub>90</sub> >36,000 hours  
L<sub>70</sub> >60,000 hours  
Calculated ..... L<sub>70</sub> >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 ..... 203 mm 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, 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.

### SloanLED Europe b.v.

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



SloanLED.com

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### SloanLED Headquarters

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



Specifications subject to  
change without notice.



## Ordering Information

### Luminaire

Example: 701912-L250C3i18

701912-			C3i18
Product	Length	Color temp. (CCT) <sup>¶</sup>	Options
701912	L1 0.3 m	35 3500 K	<b>QC</b> Quick connect (factory installed male/female connector at each end) <b>701187-DC or 701188-DC must be ordered for connection to driver</b>
	L2 0.6 m	50 5000 K	
	L4 1.2 m		
	L6 1.8 m		
	L8 2.4 m		

¶ Contact SloanLED Sales for additional CCT options.

## Accessories

Length	Qty included
0.3 m	2
0.6 m	2
1.2 m	3
1.8 m	4
2.4 m	5



**Mounting clip<sup>Δ</sup>**  
400686  
Straight arm



**Wire nut housing<sup>Δ</sup>**  
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, 3.0-m	701158-120	Connects HighLINER 3 to power supply
Hook-up cable, 4.6-m	701158-180	
Wiring pigtail, large connector <sup>§</sup>	701187-DC	Male, outdoor-rated connector
Wiring pigtail, small connector <sup>§</sup>	701188-DC	Female, outdoor-rated connector

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

CELEBRATING



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