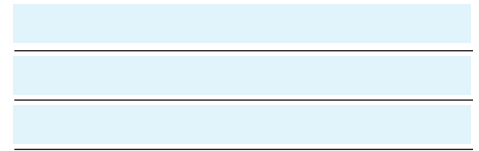


HighLINER 3

Outdoor and indoor linear lighting



Ordering information Luminaire

Example: 701912-L250C3i18

701912-	C3i18-		
Product	Length	Color temp. (CCT) ^{††}	Options
701912	L1 1 ft (0.3 m)	35 3500 K	QC Quick connect (factory installed male/female connector at each end) 701187-DC or 701188-DC^Δ must be ordered for connection to driver
	L2 2 ft (0.6 m)	50 5000 K	
	L4 4 ft (1.2 m)		
	L6 6 ft (1.8 m)		
	L8 8 ft (2.4 m)		

Product description

HighLINER 3 is a versatile product for canopies, soffits, awnings, and wall washes, that 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
- Fits easily in new or existing interior / exterior spaces
- Constant Voltage Technology (CV)
- Easily daisy-chain up to six (6) 4-ft (1.2-m) luminaires with 100 W driver
- IP68-rated
- 100,000 hours calculated life
- NSF/ANSI 2 qualified for use around food processing and on processing equipment

* 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.
 ¶ Contact SloanLED Sales for additional CCT options.
 Δ See Accessories on page 3.

Product specifications

Electrical

Input voltage 24 VDC

Model	System power	Output (nominal)		Efficacy [*]	
		3500 K	5000 K	3500 K	5000 K
1' (0.3 m)	4.6 W	559 Lumens	607 Lumens	122 lm/W	132 lm/W
2' (0.6 m)	9.3 W	1,119 Lumens	1,168 Lumens		
4' (1.2 m)	18.5 W	2,237 Lumens	2,430 Lumens		
6' (1.8 m)	27.8 W	3,356 Lumens	3,646 Lumens		
8' (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 -13° F to +122 F (-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 @ 70° F (25° C):
 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 in (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, DesignLights Consortium[®] (DLC), RoHS

Files available LM-79, LM-80, IES



HighLINER 3

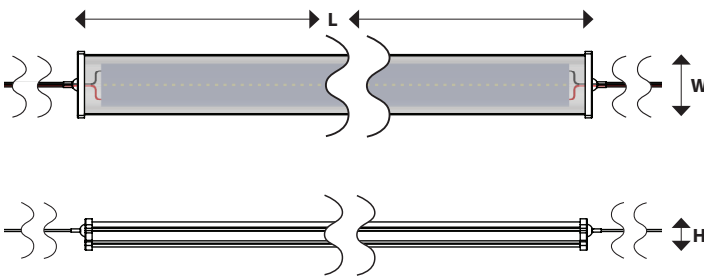
Outdoor and indoor linear lighting

Application information

For Signage Applications

Power supply capacity

24 VDC Power supply	HighLINER 3
60 W Power supply	14 ft (4.3 m)
100 W Power supply	24 ft (7.3 m)
Watts per foot/meter	3.6 W / 11.8 W



Dimensions L × W × H

- 1' (0.3 m):** 11.98" × 2.38" × 1.03" (304 mm × 60 mm × 26 mm)
- 2' (0.6 m):** 22.95" × 2.38" × 1.03" (583 mm × 60 mm × 26 mm)
- 4' (1.2 m):** 44.95" × 2.38" × 1.03" (1142 mm × 60 mm × 26 mm)
- 6' (1.8 m):** 67.05" × 2.38" × 1.03" (1703 mm × 60 mm × 26 mm)
- 8' (2.4 m):** 89.15" × 2.38" × 1.03" (2264 mm × 60 mm × 26 mm)

Package dimensions & weights

Single unit packaging	L	W	H	Weight
701912-L250C3i18	27" (0.69 m)	9" (229 mm)	6" (152 mm)	2 lbs (0.9 kg)
701912-L435C3i18	49" (1.25 m)	9" (229 mm)	6" (152 mm)	3 lbs (1.36 kg)
701912-L450C3i18	49" (1.25 m)	9" (229 mm)	6" (152 mm)	3 lbs (1.36 kg)
701912-L650C3i18	71" (1.8 m)	9" (229 mm)	6" (152 mm)	4 lbs (1.8 kg)
701912-L850C3i18	93" (2.36 m)	9" (229 mm)	6" (152 mm)	5 lbs (2.27 kg)

Multi unit packaging (12)	L	W	H	Weight
701912-L250C3i18	27" (0.69 m)	12" (305 mm)	11" (279 mm)	12 lbs (5.4 kg)
701912-L435C3i18	49" (1.25 m)	12" (305 mm)	11" (279 mm)	21 lbs (9.5 kg)
701912-L450C3i18	49" (1.25 m)	12" (305 mm)	11" (279 mm)	21 lbs (9.5 kg)
701912-L650C3i18	71" (1.8 m)	12" (305 mm)	11" (279 mm)	40 lbs (18 kg)
701912-L850C3i18	93" (2.36 m)	12" (305 mm)	11" (279 mm)	60 lbs (27 kg)

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 [†]

[†] SloanLED 100 W 24 VDC power supplies (P/N: 701895-24S2D or 701895-60S1D) **MUST** be used in order to qualify for DLC rebate.

Maximum length of luminaires in series (per power supply) [†]											
Total nominal length (ft / m)	2' (0.6 m)	4' (1.2 m)	6' (1.8 m)	8' (2.4 m)	10' (3.0 m)	12' (3.7 m)	14' (4.3 m)	16' (4.9 m)	18' (5.5 m)	20' (6.1 m)	24' (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
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 voltage (VAC)	Input power		Maximum fixtures per circuit		
	Length	Driver input power (W)	10A circuit	15A circuit	20A circuit
120	1' (0.3 m)	4.13	258	388	518
	2' (0.6 m)	9.25	129	194	259
	4' (1.2 m)	18.50	64	97	129
	6' (1.8 m)	27.75	43	64	86
	8' (2.4 m)	37.00	32	48	64
277	1' (0.3 m)	4.13	598	898	1196
	2' (0.6 m)	9.25	299	449	598
	4' (1.2 m)	18.50	149	224	299
	6' (1.8 m)	27.75	99	149	199
	8' (2.4 m)	37.00	74	112	149

HighLINER 3

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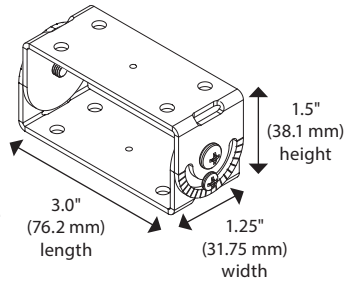
Accessories

Mounting clip*
400686
Straight arm



Length	Qty incl.
1' (0.3 m)	2
2' (0.6 m)	2
4' (1.2 m)	3
6' (1.8 m)	4
8' (2.4 m)	5

Adjustable Hinge†
702000



Wire nut housing*
400860

Two (2) pcs each included per luminaire.



Cables and connectors

Accessory	Part number	Description
	701187-DC	701188-DC
Hook-up cable, 10-ft (3.0-m)	701158-120	Connects HighLINER 3 to power supply
Hook-up cable, 15-ft (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

* Luminaires ship with mounting clips and wire nut housings.

† Optional. Order separately based on quantities shown/length.

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

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