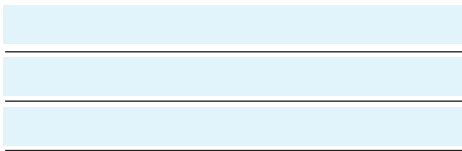


# HighLINER 3

Outdoor and indoor linear lighting



## Ordering information Luminaire

Example: 701912-L250C3i18

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

## Product description

Designed to replace fluorescent lighting, HighLINER 3 is a versatile product for 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) 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
0.3 m	4.6 W	559 Lumens	607 Lumens	122 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)<sup>†</sup> ..... 3500 K, 5000 K

Color rendering (CRI) ..... >80

### Performance

Operating temperature ..... -25° C to +50° C

Ingress protection ..... Luminaire ..... IP68<sup>‡</sup>  
 Std. wire nut ..... IP66  
 with housing<sup>§</sup>

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

Life rating ..... Per IES TM-21 @ 70° F (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<sup>‡</sup>

Dimming ..... Optional motion sensing

### 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



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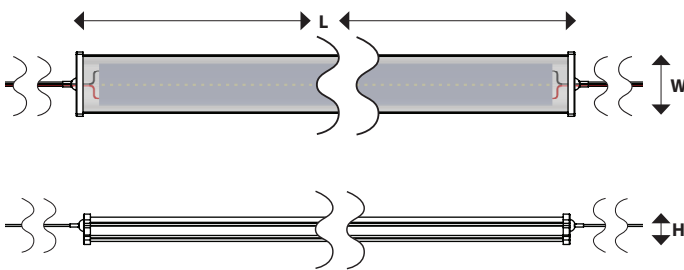
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## Application information

For Signage Applications

Power supply capacity

Quantum 24 VDC power supply	Power	HighLINER 3
701895-30E1D	30 W	2.2 m
701895-60E1D	60 W	4.3 m
701895-100E1D	100 W	7.0 m
Watts per meter		11.8 W



## Dimensions L × W × H

**0.3 m:** 304 mm × 60 mm × 26 mm

**0.6 m:** 583 mm × 60 mm × 26 mm

**1.2 m:** 1142 mm × 60 mm × 26 mm

**1.8 m:** 1703 mm × 60 mm × 26 mm

**2.4 m:** 2264 mm × 60 mm × 26 mm

## Package dimensions & weights

Single unit packaging	L	W	H	Weight
701912-L250C3i18	0.69 m	229 mm	152 mm	0.9 kg
701912-L435C3i18	1.25 m	229 mm	152 mm	1.36 kg
701912-L450C3i18	1.25 m	229 mm	152 mm	1.36 kg
701912-L650C3i18	1.8 m	229 mm	152 mm	1.8 kg
701912-L850C3i18	2.36 m	229 mm	152 mm	2.27 kg

Multi unit packaging (12)	L	W	H	Weight
701912-L250C3i18	0.69 m	305 mm	279 mm	5.4 kg
701912-L435C3i18	1.25 m	305 mm	279 mm	9.5 kg
701912-L450C3i18	1.25 m	305 mm	279 mm	9.5 kg
701912-L650C3i18	1.8 m	305 mm	279 mm	18 kg
701912-L850C3i18	2.36 m	305 mm	279 mm	27 kg

For Lighting Systems Applications

Architectural drivers

Total nominal length	Maximum length of luminaires in series (per power supply)											
	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												

Branch circuit capacity

Input voltage (VAC)	Input power		Maximum fixtures per circuit		
	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

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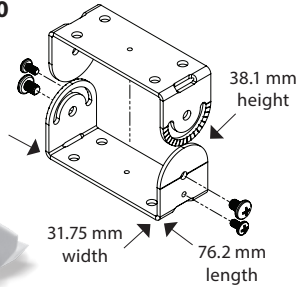
## Accessories

**Mounting clip\***  
**400686**  
Straight arm



Length	Qty incl.
0.3 m	2
0.6 m	2
1.2 m	3
1.8 m	4
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, 3.0-m	701158-120	Connects HighLINER 3 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

\* 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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