

# HighLINER 2

## LED lighting for Indoor & Outdoor

Multi-Application

Downlighting



HighLINER 2 is designed to replace fluorescent lighting in applications such as coolers, stock rooms, wall washes, soffits, and canopies. HighLINER 2 is easy to install and is a simple solution to save energy and reduce ongoing maintenance costs.

- Improves walkway and aisle visibility and building aesthetics
- Fits easily into new or existing interior and exterior spaces
- Saves up to 64% energy compared with typical fluorescent fixtures

**Co-extruded housing** – Eliminates sealing surfaces by using two materials which are formed together—an opaque white for the back and a diffused lens material in the front.

**Wire channel** – Powers lights by running a header wire above the housing to connect multiple luminaires while hiding the power source.

**Wire cover** – Snaps onto the ends of HighLINER 2 to cover wire connections and/or bridge distances between lights.



### Specifications

#### Electrical

Input voltage	100-240 VAC, 50-60 Hz		
Output voltage	24 VDC, Class 2 low voltage		
Input power		System <sup>1</sup>	Luminaire <sup>2</sup>
	1.2 m	17 W	14.4 W
	0.3 m	4 W	3.6 W
System efficacy	5000 K	105 lm/W	
	3500 K	93 lm/W	

#### Lighting

Light output (lumens) <sup>3</sup>		5000 K	3500 K
	1.2 m	1792	1582
	0.3 m	448	395
Light distribution	Linear		
Color temperatures	5000 K, 3500 K		
Color rendering (CRI)	5000 K	80	
	3500 K	>70	

#### Performance

Ingress Protection	IP66 & IP68 <sup>4</sup>
UL location rating	Dry, damp, and wet locations
Operating temperature	-25 °C to 50 °C
Life rating	100,000 hours (L <sub>70</sub> ) <sup>5</sup>
Dimming	Optional Motion Sensing (see Cold Series Dimming Control data sheet)

#### Construction

Housing	Acrylic, impact modified with UV stabilization
Body color	White

#### Mounting

1.2 m	Mounting clips (3 incl.), Wire nut housing (2 incl.)
0.3 m	Mounting clips (2 incl.), Wire nut housing (2 incl.)

#### Documentation

Warranty	5-year limited
Agency listings	UL, NSF/ANSI 2, ETL, CE, DesignLights Consortium® (DLC), RoHS
Files available	LM-79, LM-80, IES

- 1 For calculating the maximum number of luminaires that can be connected to a power supply, use the LUMINAIRE INPUT POWER.
- 2 For calculating the maximum number of luminaires that can be connected to the branch circuit, use the SYSTEM INPUT POWER.
- 3 Tolerance range for optical and electrical data: ±15%.
- 4 IP66 & IP68 ratings provide protection for extreme outdoor and wet applications (e.g., car wash) or harsh weather exposure. Do not mount in a submerged application.
- 5 Based on LED component manufacturer data.

Project Name/Location

Part Number

Notes#

Date



Lighting Systems



## Ordering Information

Product	Part Number
1.2 m HighLINER 2 (5000 K)	701912-C1I75
0.3 m HighLINER 2 (5000 K)	701912-L1C1I75
1.2 m HighLINER 2 (3500 K)	701912-35C2I75
0.3 m HighLINER 2 (3500 K)	701912-L135C2I75

### Power Supplies<sup>1</sup>

Description	Part Number
100 W	701895-24C

### Dimming

Description	Part Number
Dimming Controller	701890-PWR
Occupancy Sensor, Standard <sup>2</sup>	400661
Occupancy Sensor, Wide Angle <sup>3</sup>	400964

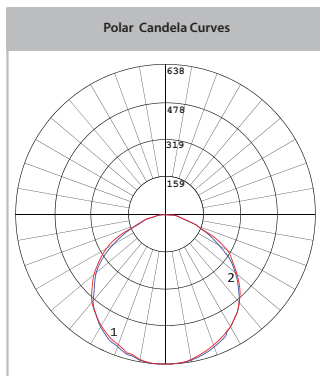
### Accessories (included)

Description	Part Number
Mounting Clip	400686
Wire Nut Housing	400860

- 1 Single power supply can drive up to (6) 1.2 m lights.  
 2 May require an L-bracket (not included) for mounting.  
 3 Alternative for 400661. Cat 5 cabling to the sensor not included.

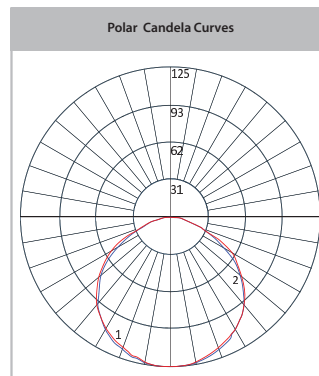
## Photometrics

### 1.2 m HighLINER 2



(1) C0-180 (2) C90-270

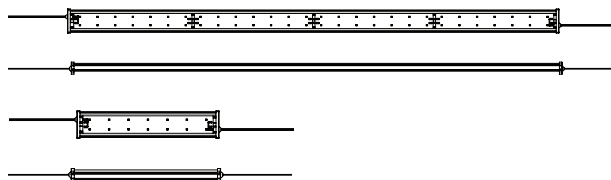
### 0.3 m HighLINER 2



(1) C0-180 (2) C90-270

## Dimensions

weight = 0.48 kg (1.2 m), 0.11 kg (0.3 m)



 1.2 m – 1160 mm × 60 mm × 28 mm

 0.3 m – 304 mm × 60 mm × 28 mm