

Cold Door 2

LED lighting system for cooler doors

Cold Door 2 lighting system provides crisp, uniform illumination across doors for walk-in coolers/freezers and remote glass-door reach-ins. Adapts to varying case styles and shelf depths.

- Illuminates product facings across narrow beam angles while reducing glare
- Powers up to a 5-door frame with a single power supply
- **Up to 85% total energy savings over typical fluorescent fixtures**
- UL Classified for retrofit

Engineered lens – Conceals the light source and reduces glare while directing the light across product packaging for narrow shelf depths.

Power controller – Allows the lights to be set at three different power settings (Standard, MerchandiserMax, and Energy Saver) to balance light output with energy savings.

Stand-off clip – Spaces the light to accommodate mullions with existing mounting hardware that interferes with a flush mount install.

Occupancy sensing – Dims lights with optional controls based on customer occupancy to further increase energy savings.

Specifications

Electrical

Input voltage	100-240 VAC		
Output voltage	24 VDC		
System power	<i>Energy Saver</i>	<i>Standard</i>	<i>MerchandiserMax</i>
4' Center	8 W	12 W	16 W
4' End	4.5 W	7 W	9 W
5' Center	10 W	15 W	20 W
5' End	6 W	9 W	11 W
6' Center	13 W	19 W	25 W
6' End	8 W	11 W	13 W

Lighting

Illuminance	1,950 lux ¹
Color	3500 K, 4000 K, 5000 K CCT
Color rendering	85 CRI

Performance

Operating temperature	-25 °C to 50 °C
Life rating	100,000 Hours (L ₇₀) ²
Dimming	Optional Motion Sensing (see Cold Series Dimming Control data sheet)

Construction

Housing	Aluminum
Lens	Polycarbonate
Body color	Black

Mounting

Center	Mounting clips (2 included)
End	Mounting clips (2 included)

Documentation

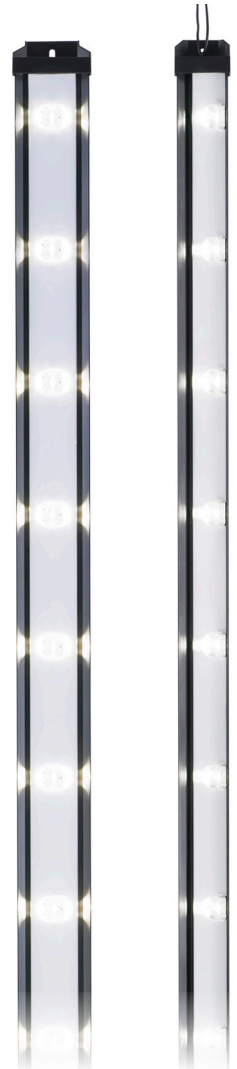
Warranty	5 year limited
Agency listings	UL Classified, UL (NSF/ANSI 2), DLC, RoHS
Files available	LM-79, LM-80, IES

¹ Measured at center of door, at shelf depth of 3.625" from mullion.

² Based on LED component manufacturer data.

Interior

Sidelighting



Project Name/Location

Part Number

Notes#

Date



Ordering Information

Example: 701906-4WC5X2

701906	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	2
		Color Temperature			Type	Length	
Code	Description	Code	Description	Code	Description		
3W	3500 K	C	Center	4X	4'		
4W	4000 K	E	End	5X	5'		
5W	5000 K			6X	6'		

Power Supplies¹

Description	Part Number
100 W Power Supply	701936
100 W Power Supply (use with Dimming or Power Controller)	701933

Dimming

Description	Part Number
Dimming Controller ²	701890-PWR
Occupancy Sensor, Standard	400661
Occupancy Sensor, Wide Angle	400964

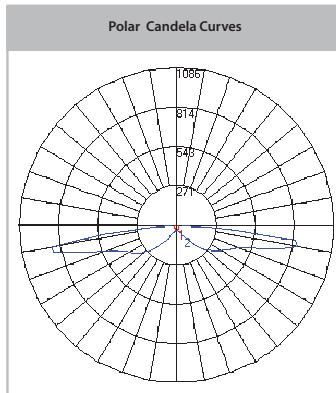
Accessories

Description	Part Number
Power Controller ³	701929
Clip, Center ⁴	400686
Clip, End ⁴	400686-END

- 1 Single power supply can drive up to a 5-door frame (exception is 6' lights on a 5-door frame requires 2 power supplies).
- 2 Also functions as a power controller, replacing P/N 701929 when dimming is specified. Use with 701933 power supply.
- 3 Required to operate at Standard or Energy Saver power settings. Use with 701933 power supply.
- 4 Included with every light are (2) clips. Additional quantities available for purchase.

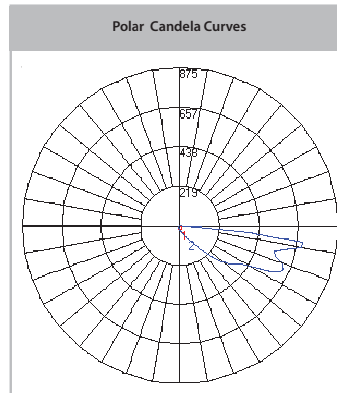
Photometrics

Center



Vertical Plane Horizontal Plane

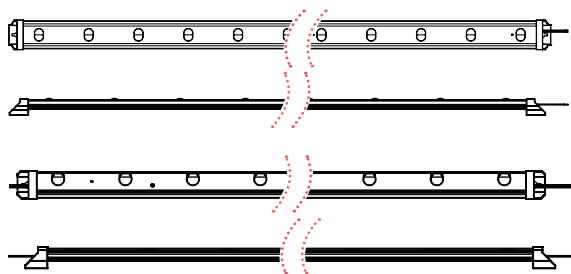
End



Vertical Plane Horizontal Plane

Dimensions

weight = 1.6 lbs (4' Center), 2.4 lbs (5' Center), 2.9 lbs (6' Center), 1.4 lbs (4' End), 2.0 lbs (5' End), 2.4 lbs (6' End)



4' Center 39.4" × 2.7" × 1.2"
5' Center 57.7" × 2.7" × 1.2"
6' Center 69.6" × 2.7" × 1.2"

4' End 39.4" × 2.0" × 1.3"
5' End 57.7" × 2.0" × 1.3"
6' End 69.6" × 2.0" × 1.3"



5725 Olivas Park Drive, Ventura, CA 93003
805.676.3200 Fax 805.676.3206
info@SloanLED.com SloanLED.com

Cold Door 2 is covered by patents pending.

© 2015 SloanLED Rev G 2015-04-17