

# 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
- UL Classified for retrofit
- **Up to 85% total energy savings over typical fluorescent fixtures**

**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

<b>Input voltage</b>	100-240 VAC		
<b>Output voltage</b>	24 VDC		
<b>System power</b>	<i>Energy Saver</i>	<i>Standard</i>	<i>MerchandiserMax</i>
<b>4' Center</b>	7.5 W	11.5 W	15 W
<b>4' End</b>	4.5 W	7 W	9 W
<b>5' Center</b>	10 W	15 W	20 W
<b>5' End</b>	6 W	9 W	11 W
<b>6' Center</b>	12.5 W	19 W	25 W
<b>6' End</b>	7.5 W	11 W	13 W

#### Lighting

<b>Illuminance</b>	1,950 lux <sup>1</sup>
<b>Color temperature (CCT)</b>	3500 K, 4000 K, 5000 K
<b>Color rendering (CRI)</b>	85

#### Performance

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

#### Construction

<b>Housing</b>	Aluminum
<b>Lens</b>	Polycarbonate
<b>Body color</b>	Black

#### Mounting

<b>Center</b>	Mounting clips (2 included)
<b>End</b>	Mounting clips (2 included)

#### Documentation

<b>Warranty</b>	5-year limited
<b>Agency listings</b>	UL Classified, UL (NSF/ANSI 2), DesignLights Consortium® (DLC)
<b>Files available</b>	LM-79, LM-80, IES

<sup>1</sup> Measured at center of door, at shelf depth of 3.625" from mullion.

<sup>2</sup> 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																						
		<b>Color Temperature</b>		<b>Type</b>		<b>Length</b>																							
		<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3W</td> <td>3500 K</td> </tr> <tr> <td>4W</td> <td>4000 K</td> </tr> <tr> <td>5W</td> <td>5000 K</td> </tr> </tbody> </table>	Code	Description	3W	3500 K	4W	4000 K	5W	5000 K		<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Center</td> </tr> <tr> <td>E</td> <td>End</td> </tr> </tbody> </table>	Code	Description	C	Center	E	End		<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4X</td> <td>4'</td> </tr> <tr> <td>5X</td> <td>5'</td> </tr> <tr> <td>6X</td> <td>6'</td> </tr> </tbody> </table>	Code	Description	4X	4'	5X	5'	6X	6'	
Code	Description																												
3W	3500 K																												
4W	4000 K																												
5W	5000 K																												
Code	Description																												
C	Center																												
E	End																												
Code	Description																												
4X	4'																												
5X	5'																												
6X	6'																												

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

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 <sup>2</sup>	701890-PWR
Occupancy Sensor, Standard	400661
Occupancy Sensor, Wide Angle	400964

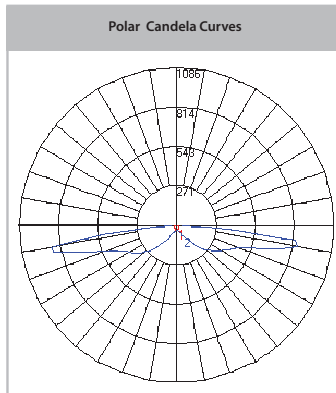
### Accessories

Description	Part Number
Power Controller <sup>3</sup>	701929
Clip, Center <sup>4</sup>	400686
Clip, End <sup>4</sup>	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.

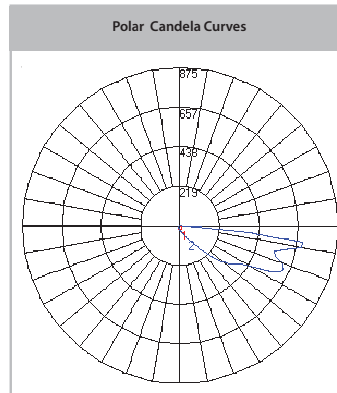
## Photometrics

### Center



Vertical Plane Horizontal Plane

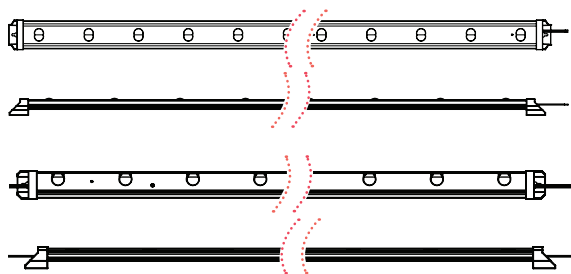
### End



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"