

# Cold Door

## LED lighting system for cooler doors

**Cold Door** lighting system provides crisp, uniform illumination across doors for walk-in coolers/freezers and remote glass-door reach-ins.

- Illuminates product facings with crisp, uniform light dispersion across the door
- Powers up to a 5-door frame with a single power supply
- **Up to 85% total energy savings over typical fluorescent fixtures**

**Truncated parabolic reflector** – Conceals the light source while directing the light across product packaging to accommodate 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.

**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, 50-60 Hz
<b>Output voltage</b>	24 VDC, Class 2 low voltage
<b>System power</b>	

	<i>Energy Saver</i>	<i>Standard</i>	<i>MerchandiserMax</i>
<b>1,50 m Center</b>	15 W	20 W	23 W
<b>1,50 m End</b>	8 W	10 W	12 W
<b>1,68 m Center</b>	17 W	23 W	26 W
<b>1,68 m End</b>	8 W	10 W	12 W

### Lighting

<b>Illuminance</b>	1600 lux <sup>1</sup>
<b>Colour</b>	3500 K, 4100 K, 5000 K CCT
<b>Colour rendering</b>	85 CRI

### 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, black anodized
<b>Reflector</b>	ABX, vacuum metallized
<b>Lens</b>	Polycarbonate
<b>Body colour</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 (NSF/ANSI 2), CE, DesignLights Consortium® (DLC), RoHS
<b>Files available</b>	LM-79, LM-80, IES

1 Measured at center of door, at shelf depth of 90 mm from mullion at "Energy Saver" power setting.  
2 Based on LED component manufacturer data.

## Interior

Sidelighting



Center

End

Project Name/Location

Part Number

Notes#

Date



Lighting Systems

## Ordering Information

Example: 701906-2-NW-60

701906	—		—		—	
<b>Type</b>		<b>Colour Temperature</b>		<b>Length</b>		
Code	Description	Code	Description	Code	Description	
2-END	End	WW	3500 K	60	1,50 m	
2	Center	NW	4100 K	66	1,68 m	
		CW	5000 K			

### Power Supplies

Description	Part Number
100 W (Includes Power Controller P/N 701929) <sup>1</sup>	701933

### Dimming

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

### Accessories<sup>3</sup>

Description	Part Number
Clip, Center	400686
Clip, End	400686-END
Wire Cover, Center	400776
Wire Cover, End	400776-END

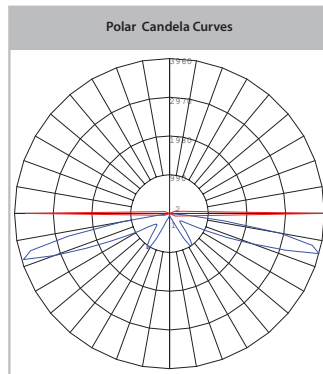
1 Single power supply can drive up to a 5-door frame (exception is 1,7 m lights on a 5-door frame running at the MerchandiserMax power setting).

2 Also functions as a power controller, replacing P/N 701929 when dimming is specified.

3 Included with every light are (2) clips and (1) wire cover. Additional quantities available for purchase.

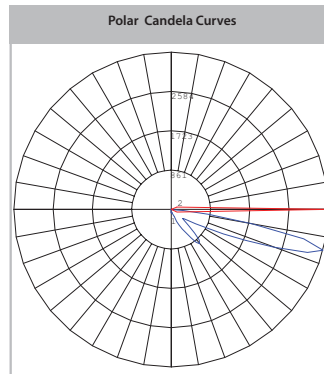
## Photometrics

### Center



Vertical Plane Horizontal Cone

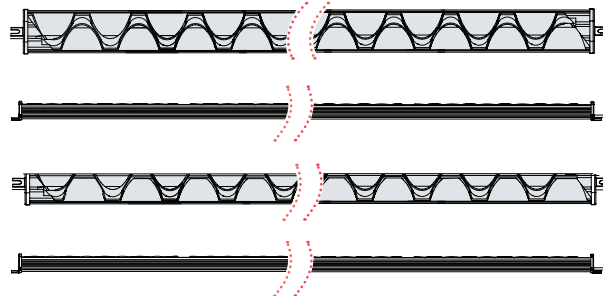
### End



Vertical Plane Horizontal Cone

## Dimensions

weight = 1.72 kg (center), 1.45 kg (end)



	L	x	W	x	H
1,50 m Center	1475 mm	x	65 mm	x	35 mm
1,68 m Center	1675 mm	x	65 mm	x	35 mm



	L	x	W	x	H
1,50 m End	1475 mm	x	45 mm	x	35 mm
1,68 m End	1675 mm	x	45 mm	x	35 mm

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Cold Door is covered by patents pending.

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