

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

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

Lighting

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

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)
Files available	LM-79, LM-80, IES

Interior

Sidelighting



Project Name/Location

Part Number

Notes#

Date

1 Measured at center of door, at shelf depth of 3.625" from mullion.
2 Based on LED component manufacturer data.



Ordering Information

For Mounting Tab End Caps

Example: 701906-4WC5X2

701906 —

Color Temperature

Code	Description
3W	3500 K
4W	4000 K
5W	5000 K

Type

Code	Description
C	Center
E	End

Length

Code	Description	Actual
4X2	4'	39.4"
5X2	5'	57.7"
6X2	6'	69.6"

For Flat End Caps

Example: 701906-4WC5F2

701906 —

Color Temperature

Code	Description
3W	3500 K
4W	4000 K
5W	5000 K

Type

Code	Description
C	Center
E	End

Length

Code	Description	Actual
4F2	48"	48"
5F2	56"	55.6"
6F2	67"	67.5"
7F2	73"	72.8"

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

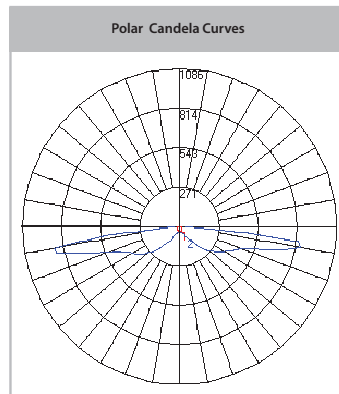
Accessories

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.

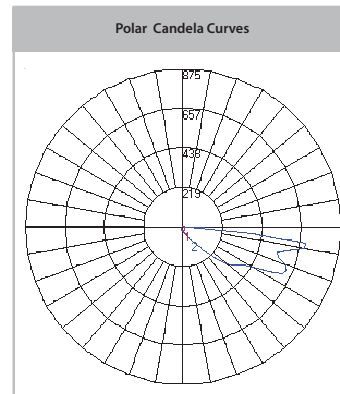
Photometrics

Center



Vertical Plane Horizontal Plane

End

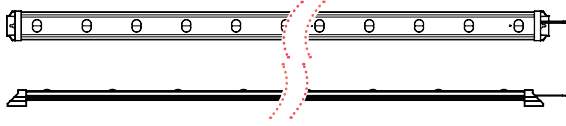


Vertical Plane Horizontal Plane

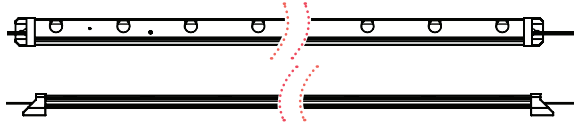
Dimensions

For Mounting Tab End Caps

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)

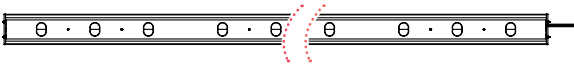


4' Center 39.4" x 2.7" x 1.2"
 5' Center 57.7" x 2.7" x 1.2"
 6' Center 69.6" x 2.7" x 1.2"

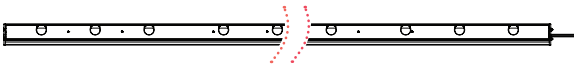


4' End 39.4" x 2.0" x 1.3"
 5' End 57.7" x 2.0" x 1.3"
 6' End 69.6" x 2.0" x 1.3"

For Flat End Caps



48" Center 48.0" x 2.7" x 0.72"
 56" Center 55.6" x 2.7" x 0.72"
 67" Center 67.5" x 2.7" x 0.72"
 73" Center 72.8" x 2.7" x 0.72"



48" End 48.0" x 2.7" x 0.79"
 56" End 55.6" x 2.7" x 0.79"
 67" End 67.5" x 2.7" x 0.79"
 73" End 72.8" x 2.7" x 0.79"