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

	Energy Saver	Standard	MerchandiserMax
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

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), DesignLights Consortium® (DLC)
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.

Project Name/Location

Part Number

Notes#

Date

CLASSIFIED c UL us

CLASSIFIED EPH UL NSF/ANSI 2

DLC QPL LISTED

RoHS Compliant

SloanLED®
Leaders in LED Technology
Lighting Systems

Ordering Information

Example: 701906-4WC5X2

701906 — [   ] — [   ] — [   ] 2

Color Temperature

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

Type

Code	Description
C	Center
E	End

Length

Code	Description
4X	4'
5X	5'
6X	6'

Power Supplies[1]

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.
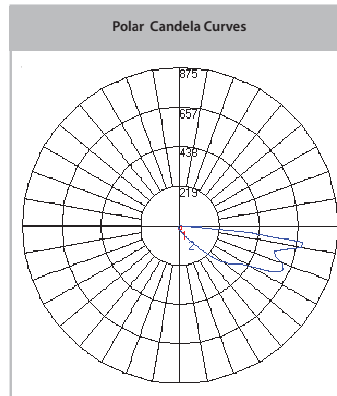4 Included with every light are (2) clips. Additional quantities available for purchase.

Photometrics

Center

Polar Candela Curves
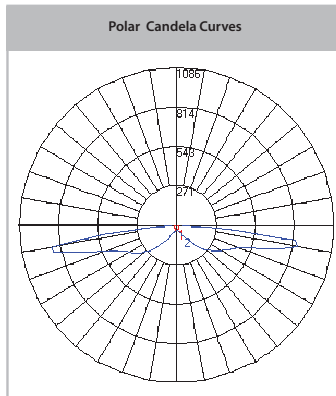
■ Vertical Plane   ■ Horizontal Plane
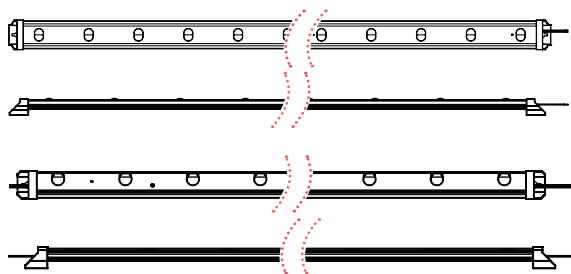
End

Polar Candela Curves

■ 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"

Cold Door 2 is covered by patents pending.