Cold Door 2

LED lighting system for cooler doors

Cold Door 2 lighting system provides bright, 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
	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	Aluminium
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

Project Name/Location

Part Number

Notes#

Date

SloanLED®
Leaders in LED Technology

Lighting Systems

1 Measured at center of door, at shelf depth of 92 mm from mullion.
2 Based on LED component manufacturer data.

CLASSIFIED c(UL)us   CLASSIFIED UL NSF/ANSI 2   RoHS Compliant

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'	1000 mm
5X2	5'	1465 mm
6X2	6'	1769 mm

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"	1219 mm
5F2	56"	1422 mm
6F2	67"	1701 mm
7F2	73"	1849 mm

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).
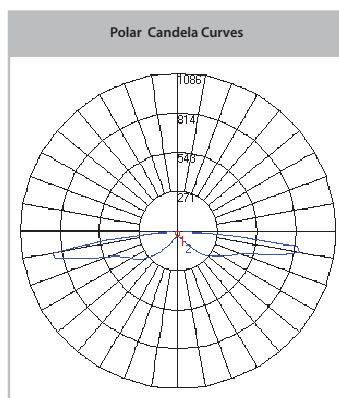2 Also functions as a power controller, replacing P/N 701929 when dimming is specified. Use with 701933 power supply.
3 Required to operate at Standard or Energy Saver power settings. Use with 701933 power supply.
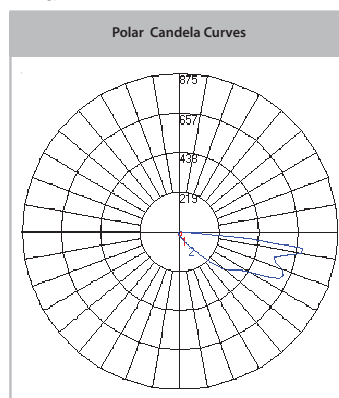4 Included with every light are (2) clips. Additional quantities available for purchase.

Photometrics

Center

Polar Candela Curves

■ Vertical Plane   ■ Horizontal Plane

End
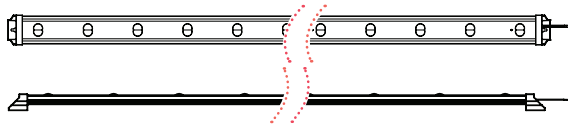

Polar Candela Curves

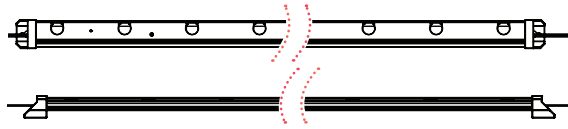■ Vertical Plane   ■ Horizontal Plane

Dimensions

For Mounting Tab End Caps

weight = 0.75 kg (1.2 m Center), 1.1 kg (1.5 m Center), 1.3 kg (1.8 m Center), 0.62 kg (1.2 m End), 0.9 kg (1.5 m End), 1.1 kg (1.8 m End)
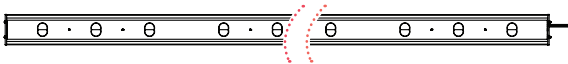

1.2 m Center 1000 mm × 71 mm × 30 mm
1.5 m Center 1465 mm × 71 mm × 30 mm
1.8 m Center 1769 mm × 71 mm × 30 mm

1.2 m End 1000 mm × 51 mm × 33 mm
1.5 m End 1465 mm × 51 mm × 33 mm
1.8 m End 1769 mm × 51 mm × 33 mm

For Flat End Caps

1.2 m Center 1219 mm × 71 mm × 18 mm
1.4 m Center 1422 mm × 71 mm × 18 mm
1.7 m Center 1701 mm × 71 mm × 18 mm
1.8 m Center 1849 mm × 71 mm × 18 mm

1.2 m End 1219 mm × 71 mm × 20 mm
1.4 m End 1422 mm × 71 mm × 20 mm
1.7 m End 1701 mm × 71 mm × 20 mm
1.8 m End 1849 mm × 71 mm × 20 mm