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

Input voltage   100-240 VAC, 50-60 Hz
Output voltage   24 VDC, Class 2 low voltage
System power

	Energy Saver	*Standard*	*MerchandiserMax*
5' Center	15 W	20 W	23 W
5' End	8 W	10 W	12 W
6' Center	17 W	23 W	26 W
6' End	8 W	10 W	12 W

Lighting

Illuminance   1,600 lux[1]
Color   3500 K, 4100 K, 5000 K CCT
Color rendering   85 CRI

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, black anodized
Reflector   ABS, vacuum metallized
Lens   Polycarbonate
Body color   Black

Mounting

Center   Mounting clips (2 included)
End   Mounting clips (2 included)

Documentation

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

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

Project Name/Location

Part Number

Notes#

Date

SloanLED®
Leaders in LED Technology
Lighting Systems

Ordering Information

Example: 701906-2-NW-60

701906 — [____] — [____] — [____]

Type

Code	Description
2-END	End
2	Center

Color Temperature

Code	Description
WW	3500 K
NW	4100 K
CW	5000 K

Length

Code	Description
60	5'
66	6'

Power Supplies

Description	Part Number
100 W (Includes Power Controller P/N 701929)[1]	701933

Dimming

Description	Part Number
Dimming Controller[2]	701890-PWR
Occupancy Sensor, Standard	400661
Occupancy Sensor, Wide	400964

Accessories[3]

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 6' 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.
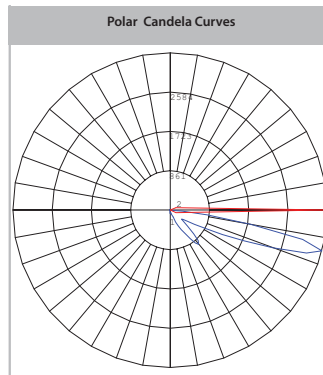3   Included with every light are (2) clips and (1) wire cover. Additional quantities available for purchase.

Photometrics

Center

Polar Candela Curves
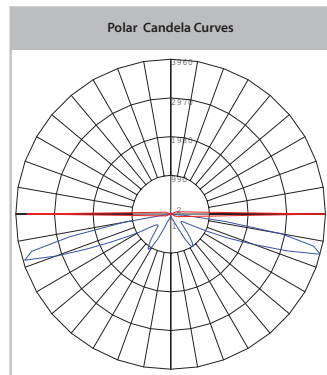
Vertical Plane   Horizontal Cone

End

Polar Candela Curves

Vertical Plane   Horizontal Cone

Dimensions

weight = 4 lbs (center), 3 lbs (end)

5' Center 58" × 2.5" × 1.25"
6' Center 66" × 2.5" × 1.25"

5' End 58" × 1.73" × 1.25"
6' End 66" × 1.73" × 1.25"

Cold Door is covered by patents pending.