

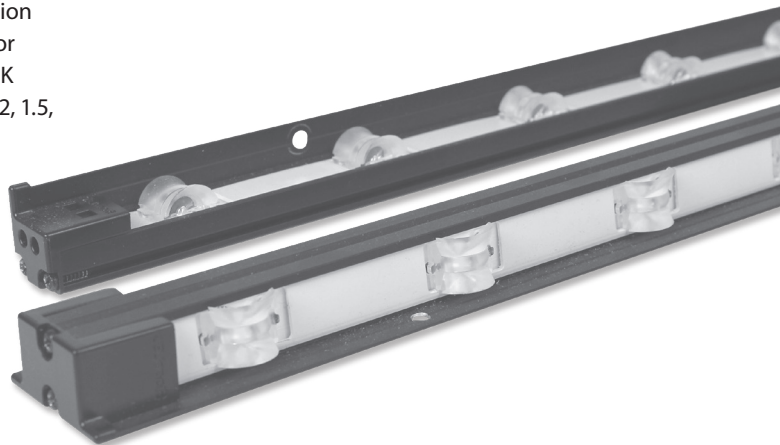
# Cold Door 4

LED lighting system for cooler doors

## Product description

Cold Door 4 LED lighting system provides the perfect balance of intensity and color rendition to deliver crisp, uniform illumination across doors for walk-in coolers/freezers and remote glass-door reach-ins. Cold Door 4 is available in 3500 K, 4000 K, and 5000 K color temperatures, and comes in lengths of 4, 5, 6, and 7-ft (1.2, 1.5, 1.7, and 1.8-m), ensuring solutions for all door sizes.

- Delivers bright, uniform light, vibrant color, and reduced glare to product facings at depths as shallow as 50 mm (2")
- High efficacy up to 148 lm/W allows powering of up to 5-door frames on a single power supply
- Energy savings of up to 85% compared with typical fluorescent fixtures and 30%+ over older LED systems



## Ordering information

Example: 701906-4WC5V4

701906-					
Product	Color temp. (CCT)	Type	Length		
			ECO	Performance	French Door
	<b>35W</b> 3500 K	<b>C</b> Center	<b>4V4</b> 1.2-m (4-ft)	<b>4X4</b> 1.2-m (4-ft)	<b>4F4</b> 1.2-m (4-ft)
	<b>4W</b> 4000 K	<b>E</b> End	<b>5V4</b> 1.5-m (5-ft)	<b>5X4</b> 1.5-m (5-ft)	<b>5F4</b> 1.5-m (5-ft)
	<b>5W</b> 5000 K		<b>6V4</b> 1.7-m (6-ft)	<b>6X4</b> 1.7-m (6-ft)	<b>6F4</b> 1.7-m (6-ft)
			<b>7V4</b> 1.8-m (7-ft)	<b>7X4</b> 1.8-m (7-ft)	<b>7F4</b> 1.8-m (7-ft)

## Dimming

For more information on these items, see Cold Series Dimming Control spec sheet.

[LEARN MORE](#)



Part number	Description
<b>701890-PWR</b>	Dimming controller <sup>†</sup>
<b>400661<sup>†</sup></b>	Occupancy sensor, standard
<b>400964<sup>†</sup></b>	Occupancy sensor, wide

<sup>†</sup> Must be used in conjunction with associated dimming controller.

<sup>‡</sup> Also functions as a power controller.

## Power Supplies

Standard			Integrated dimming		
Part number	Description	Dimensions (L x W x H)	Part number	Description	Dimensions (L x W x H)
<b>701895-60SI<sup>‡</sup></b>	Power Supply, 60 W 24 VDC, compact	147 x 46 x 25 mm (5.8" x 1.8" x 1.0")	<b>701895-60SID<sup>§</sup></b>	Power Supply, 60 W 24 VDC, dimming, compact	147 x 46 x 25 mm (5.8" x 1.8" x 1.0")
<b>701895-100LI<sup>‡</sup></b>	Power Supply, 100 W 24 VDC 4.15 A, compact, economy	241 x 43 x 25 mm (9.5" x 1.7" x 1.0")	<b>701895-100LID<sup>§</sup></b>	Power Supply, 100 W 24 VDC, dimming, compact, economy	241 x 43 x 25 mm (9.5" x 1.7" x 1.0")

\* May be dimmed using 701890-PWR, 400661, and 400964.

§ 701895-60SID and 701895-100LID power supplies compatible with third party 0-10 V dimming systems.

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## Product specifications

### Electrical

**Input voltage** ..... 100-277 VAC (to power supply)

**Fixture voltage** ..... 24 VDC

	Size	Lumens			System power			Efficacy		
		3500 K	4000 K	5000 K	3500 K	4000 K	5000 K	3500 K	4000 K	5000 K
<b>ECO</b>	1.2 m (4') Center	1327.5	1,333.9	1,347	9.31 W	9.21 W	9.12 W	143 lm/W	145 lm/W	148 lm/W
	1.2 m (4') End	663.7	667	673.5	4.65 W	4.61 W	4.56 W			
	1.5 m (5') Center	1,787.7	1,796.3	1,814	12.54 W	12.41 W	12.28 W			
	1.5 m (5') End	893.8	898.2	907	6.27 W	6.2 W	6.14 W			
	1.7 m (6') Center	1,787.7	1,796.3	1,814	12.54 W	12.41 W	12.28 W			
	1.7 m (6') End	893.8	898.2	907	6.27 W	6.2 W	6.14 W			
	1.8 m (7') Center	1,787.7	1,796.3	1,814	12.54 W	12.41 W	12.28 W			
	1.8 m (7') End	893.8	898.2	907	6.27 W	6.2 W	6.14 W			
<b>Performance</b>	1.2 m (4') Center	1,700.4	1,716.6	1,745	12.98 W	12.88 W	12.76 W	131 lm/W	133 lm/W	137 lm/W
	1.2 m (4') End	850.2	858.3	872.5	6.49 W	6.44 W	6.38 W			
	1.5 m (5') Center	2,055	2,073	2,109	15.69 W	15.56 W	15.42 W			
	1.5 m (5') End	1,027.5	1,036.5	1,054.5	7.84 W	7.78 W	7.71 W			
	1.7 m (6') Center	2,409.5	2,432.7	2,473	18.39 W	18.25 W	18.08 W			
	1.7 m (6') End	1,204.8	1,216.4	1,236.5	9.2 W	9.13 W	9.04 W			
	1.8 m (7') Center	2,591	2,615.8	2,659.1	19.78 W	19.63 W	19.44 W			
	1.8 m (7') End	1,295.5	1,307.9	1,329.6	9.9 W	9.82 W	9.72 W			
<b>French Door</b>	1.2 m (4') Center	2,197	2,220	2,266.1	16.29 W	16.29 W	16.3 W	135 lm/W	136 lm/W	139 lm/W
	1.2 m (4') End	1,098.5	1,110	1,133.1	8.14 W	8.15 W	8.15 W			
	1.5 m (5') Center	2,654.9	2,682.7	2,738.4	19.68 W	19.69 W	19.69 W			
	1.5 m (5') End	1,327.5	1,341.4	1,369.2	9.84 W	9.85 W	9.85 W			
	1.7 m (6') Center	3,112.8	3,145.4	3,210.6	23.08 W	23.08 W	23.09 W			
	1.7 m (6') End	1,556.4	1,572.7	1,605.3	11.54 W	11.54 W	11.54 W			
	1.8 m (7') Center	3,341	3,376	3,446	24.77 W	24.78 W	24.78 W			
	1.8 m (7') End	1,670.5	1,688	1,723	12.39 W	12.39 W	12.39 W			

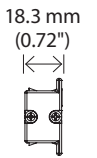
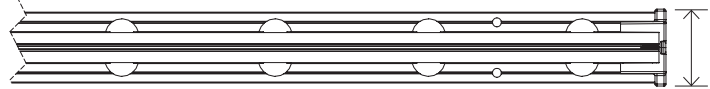
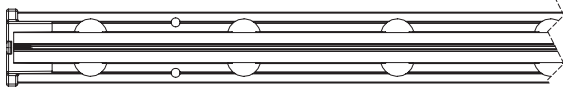
### Lighting

**Color temperatures (CCT)** ..... 3500 K, 4000 K, 5000 K

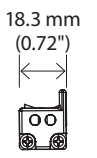
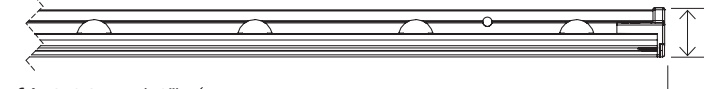
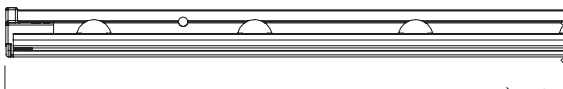
**Color rendering** ..... >80 CRI

## Dimensions

### Center



### End



- **1.2-m (4-ft)** 1219.2 mm (48") ←
- 1.5-m (5-ft)** 1473.2 mm (58")
- 1.7-m (6-ft)** 1727.2 mm (68")
- 1.8-m (7-ft)** 1854.2 mm (73")

### Performance

**Operating temperature** ..... -25° C to 50° C (-13° F to 122° F)

**Life rating** ..... >60,000 hours (L<sub>70</sub>) at maximum operating conditions\*

**Dimming** ..... Optional Motion Sensing  
(see Cold Series Dimming Control spec sheet)

### Construction

**Housing** ..... Aluminum / PC

**Lens** ..... PMMA

**Body color** ..... Black (White cover)

### Mounting

**Mounting** ..... 4 mm (#8) sheet metal screws (not included)

### Documentation

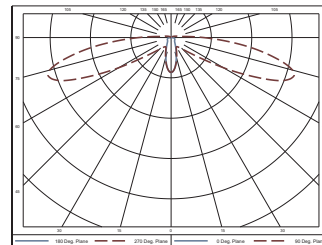
**Warranty** ..... 5-year limited

**Agency listings** ..... cULus, UL (NSF/ANSI 2), CE, RoHS

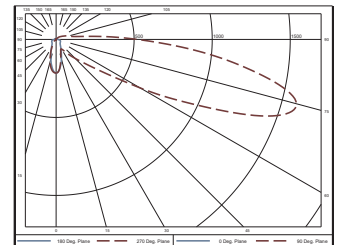
**Files available** ..... LM-79, LM-80, IES

\* Calculated from LM80 data.

## Polar Plots



Center



End

# Cold Door 4

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## Power Supply Loading

### ECO

Total power (W, DC)	Doors per frame				
	5	4	3	2	1
Door height					
1.2 m (4')	37.5	30.0	22.5	15.0	7.5
1.5 m (5')	50.5	40.4	30.3	20.2	10.1
1.7 m (6')	50.5	40.4	30.3	20.2	10.1
1.8 m (7')	50.5	40.4	30.3	20.2	10.1

### Performance

Total power (W, DC)	Doors per frame				
	5	4	3	2	1
Door height					
1.2 m (4')	52.5	42.0	31.5	21.0	10.5
1.5 m (5')	63.4	50.8	38.1	25.4	12.7
1.7 m (6')	74.4	59.5	44.6	29.8	14.9
1.8 m (7')	79.8	63.9	47.9	31.9	16.0

### French Door

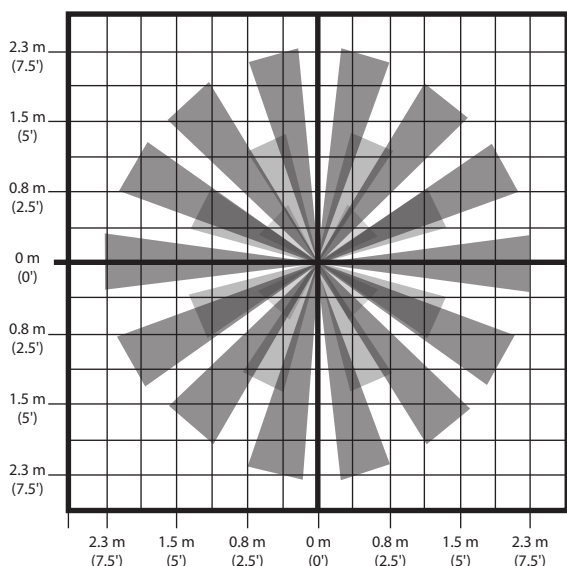
Total power (W, DC)	Doors per frame		
	6	4	2
Door height			
1.2 m (4')	42.8	28.5	14.3
1.5 m (5')	51.7	34.4	17.2
1.7 m (6')	60.6	40.4	20.2
1.8 m (7')	65.0	43.3	21.7

□ 60 W power supply □ 100 W power supply

## Sensor Coverage Patterns

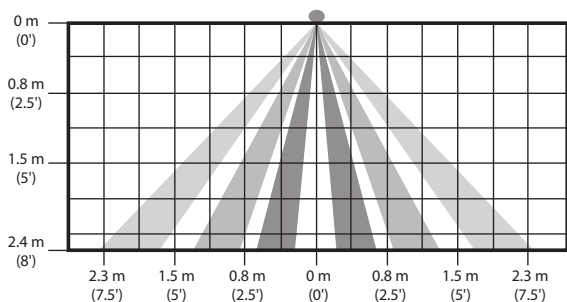
### Top view

400661



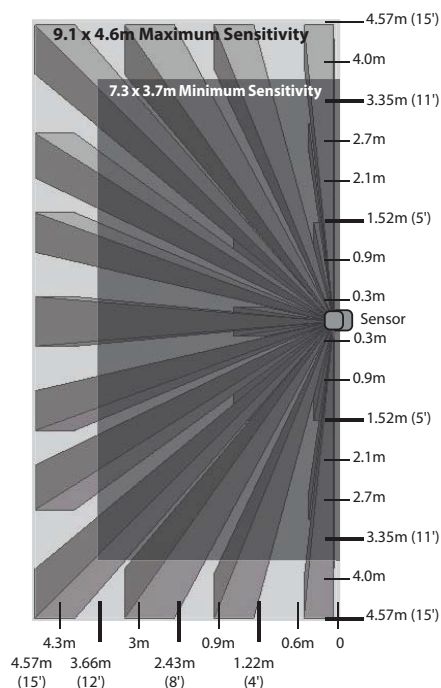
### Side view

400661



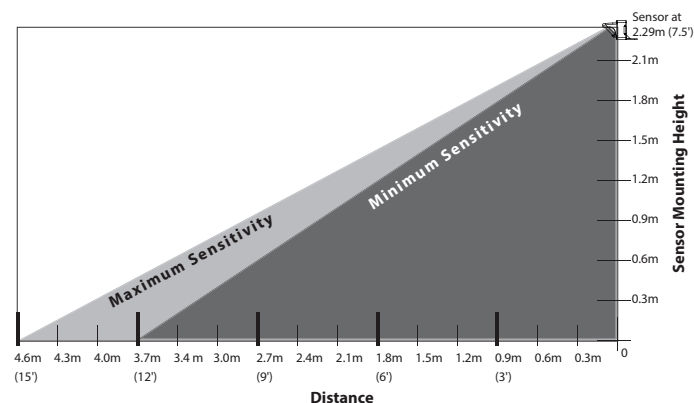
### Top view

400964



### Side view

400964



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