

# Cold Door 4

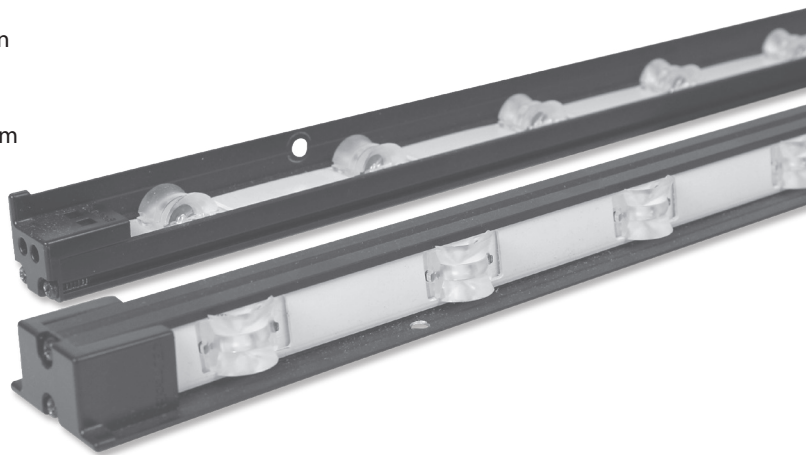
LED lighting system for cooler doors

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## 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 1.2, 1.5, 1.7, and 1.8-m (4, 5, 6, and 7-ft), ensuring solutions for all door sizes.

- Delivers bright, uniform light, vibrant color, and reduced glare to product facings at depths as shallow as 2" (50 mm)
- 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         |
|         | 35W<br>3500 K     | C<br>Center | 4V4<br>4-ft (1.2-m) | 4X4<br>4-ft (1.2-m) | 4F4<br>4-ft (1.2-m) |
|         | 4W<br>4000 K      | E<br>End    | 5V4<br>5-ft (1.5-m) | 5X4<br>5-ft (1.5-m) | 5F4<br>5-ft (1.5-m) |
|         | 5W<br>5000 K      |             | 6V4<br>6-ft (1.7-m) | 6X4<br>6-ft (1.7-m) | 6F4<br>6-ft (1.7-m) |
|         |                   |             | 7V4<br>7-ft (1.8-m) | 7X4<br>7-ft (1.8-m) | 7F4<br>7-ft (1.8-m) |

## Dimming

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

[LEARN MORE](#)



| Part number | Description                |
|-------------|----------------------------|
| 701890-PWR  | Dimming controller†        |
| 400661†     | Occupancy sensor, standard |
| 400964†     | Occupancy sensor, wide     |

† Must be used in conjunction with associated dimming controller.

‡ 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)                   |
| 701895-60SI†  | Power Supply, 60 W 24 VDC, compact                  | 5.8" x 1.8" x 1.0"<br>(147 x 46 x 25 mm) | 701895-60SID§      | Power Supply, 60 W 24 VDC, dimming, compact           | 5.8" x 1.8" x 1.0"<br>(147 x 46 x 25 mm) |
| 701895-100LI† | Power Supply, 100 W 24 VDC 4.15 A, compact, economy | 9.5" x 1.7" x 1.0"<br>(241 x 43 x 25 mm) | 701895-100LID§     | Power Supply, 100 W 24 VDC, dimming, compact, economy | 9.5" x 1.7" x 1.0"<br>(241 x 43 x 25 mm) |

\* 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.



Visit product page for details.



**SloanLED®**  
Leaders in LED Technology

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

### Performance

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

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

### Documentation

**Warranty** ..... 5-year limited and Performance+ Turnkey Service Warranty†

**Agency listings** ..... cULus, DesignLights Consortium® (DLC)†,  
UL (NSF/ANSI 2), CE, RoHS

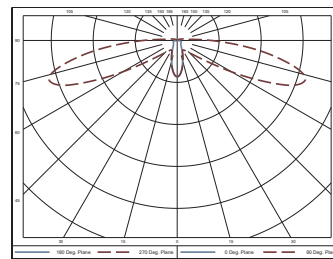
**Files available** ..... LM-79, LM-80, IES

\* Calculated from LM80 data.

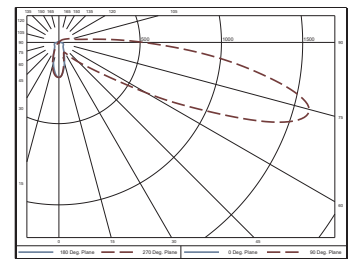
† DLC based on 120 V.

‡ Performance+ Turnkey Service Warranty applies to U.S. & Canada installations ONLY.

## Polar Plots



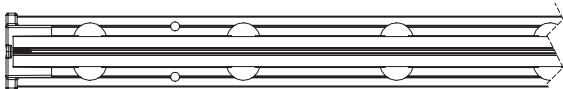
Center



End

## Dimensions

### Center



1.5"  
(38.1 mm)

0.72"  
(18.3 mm)

### End



0.91"  
(23.1 mm)

0.72"  
(18.3 mm)

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

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## Power Supply Loading

### ECO

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

### Performance

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

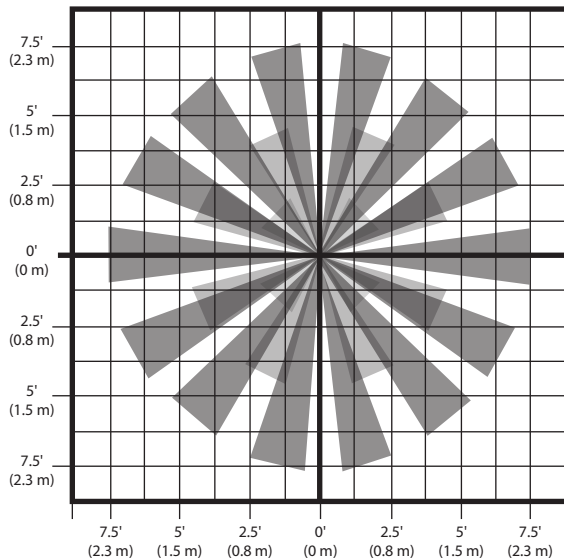
### French Door

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

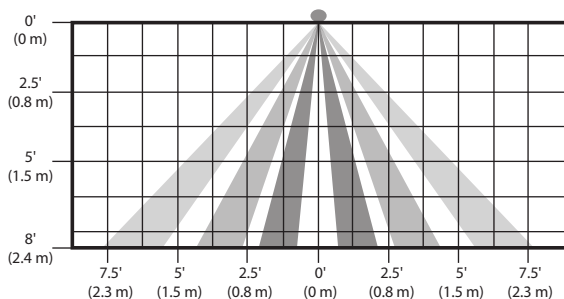
□ 60 W power supply □ 100 W power supply

## Sensor Coverage Patterns

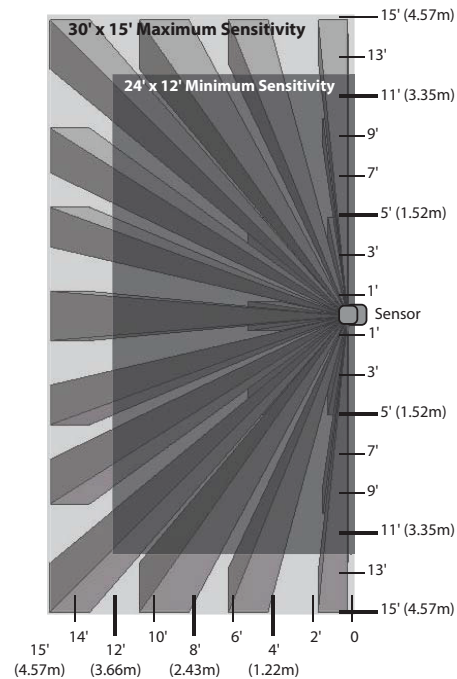
Top view  
400661



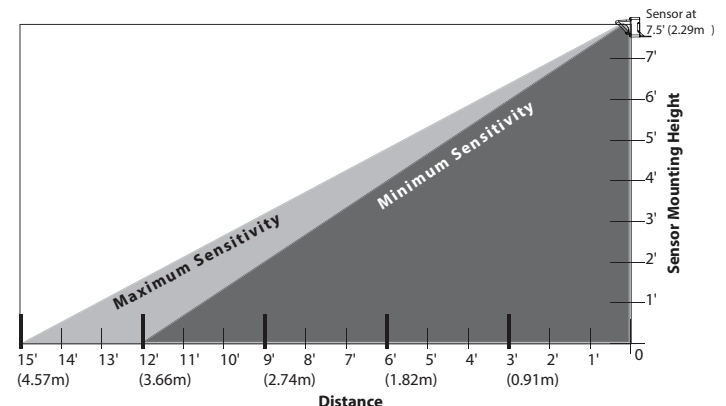
Side view  
400661



Top view  
400964



Side view  
400964



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