

Dimming Control

For use with SloanLED Cold Series refrigerated display units

Motion sensor based dimming to increase energy savings while maximizing visual appearance of merchandise.

- Extends LED life
- Selectable dimming power levels
- Available with standard or wide angle sensor
- **Up to 50% increase in LED energy savings with dimming**

Specifications

Part number* 701890-PWR

Electrical

Input range..... 8-28 VDC

Power..... 100 W Max.

Current 4.1 A Max.

Performance

Operating temperature..... -40° C to +50° C

Construction

Housing Plastic overmold

Body color White

Dimensions L × W × H Dimming Controller
2.50" × 1.25" × 1.75" (64 mm × 32 mm × 44 mm)

Documentation

Warranty..... 5-year limited

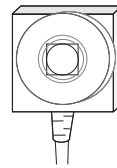
Agency listings..... UL, CE, RoHS

Files available OEM data sheet (sensors)

* P/N 701929, power controller, is not required when P/N 701890-PWR, dimming controller, is utilized.



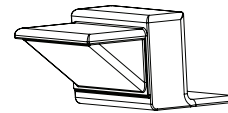
Accessories



Motion Sensor, Standard†

400661

Dimensions L × W × H:
1.12" × 1.38" × 0.50"
(28 mm × 35 mm × 12 mm)



Motion Sensor, Wide‡

400964

Dimensions L × W × H:
2.68" × 2.16" × 1.77"
(68 mm × 55 mm × 45 mm)

† May require an L-bracket (not included) for mounting.

‡ Requires Cat 5 cable (not included) between sensor and controller.

Settings

Brightness

Selectable Duty Cycle output via SW1 and SW2
(Brightness Level when shoppers in area)

SW1	SW2	SW3	SW4	Brightness Level
OFF	OFF	X	X	100% – No dimming mode
ON	OFF	X	X	50%
OFF	ON	X	X	75%
ON	ON	X	X	100%

Dimming

Selectable Duty Cycle output via SW3 and SW4
(Brightness Level when area is not occupied)

SW1	SW2	SW3	SW4	Brightness Level
OFF	ON	OFF	OFF	100%
OFF	ON	ON	OFF	12.5%
OFF	ON	OFF	ON	25%
OFF	ON	ON	ON	45%

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Specifications subject to change without notice.

