

# RDL-Vertical Lighting System

## Vertical refrigeration lighting that improves visual merchandising and reduces operating costs



RDL-Vertical Lighting System is designed with retailers in mind – with uniform, bright illumination to optimize visual appeal, and low energy consumption. The optional dimming control allows lighting to be reduced to preset levels when shoppers leave aisles, while ensuring maximum merchandising capabilities when shoppers enter aisles.

- Even, bright illumination
- Average 20 W per door
- Single power supply for a 5-door case
- Non-visible light source
- SloanLED five year standard warranty
- Additional Merchandising options
  - MerchandiserMax for maximum illumination 23 W
  - Energy Saver 15 W

**Specifications:**

<b>Dimensions (center fixture)</b>	58 in x 1.25 in x 2.5 in
<b>Dimensions (end fixture)</b>	58 in x 1.25 in x 1.73 in
<b>Color Temperature (K)</b>	3500 K, 4100 K, 5000 K
<b>Illuminance*</b>	1,400 Lux**
<b>Life rating</b>	100,000 Hrs (L <sub>70</sub> )
<b>CRI (Nominal)</b>	80
<b>Power (center fixture)</b>	20 W Input
<b>Power (end fixture)</b>	10 W

Note: SloanLED lists AC wattage to make estimating your energy output easier  
 \* Initial Illuminance +/- 15% based on in-store performance  
 \*\* Measured at center of door





## RDL-Dimming Control

Increases energy savings while maximizing visual merchandising

- Saves up to 85% total energy over T8 fluorescent
- Extends lamp life up to 11 years (based on 70% lumen maintenance)
- Increases LED total energy savings up to 47%
- Selectable dimming options - 0% (off), 12.5%, 25%, 50%

### Specifications:

<b>Dimensions L x W x D</b>	2.5 in x 1.25 in x 1.75 in
<b>Input Operating Range</b>	DC 8 – 28 V
<b>PWM Output</b>	0 – 100% Duty Cycle
<b>Output</b>	Class 2 - Selectable Duty Cycle
<b>Current</b>	Limiting
<b>Connectors</b>	RJ45/Cat 5 Connector to Sensor Connects directly to Power Supply

## RDL-Power Supply

Universal Input Range: AC 90 – 264 V

- EMI Line Filtering
- Active PFC Circuit
- Protection Circuits: Current, Voltage, and Temperature
- Convection Cooling

### Specifications:

<b>Dimensions L x W x D</b>	6.75 in x 1.75 in x 1.2 in
<b>Output Voltage</b>	DC 24 V Regulated +/- 2%
<b>Input Voltage Range</b>	AC 90 – 264 V
<b>Input Current</b>	1.4 A MAX
<b>Rated Power</b>	100 W
<b>Rated Current</b>	4 A
<b>Operating Temperature</b>	-25° C to +50° C

