

RDL-Vertical Lighting System

Vertical refrigeration lighting that improves visual merchandising and reduces operating costs



The 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 - maximum illumination 23 W
 - Energy Saver 15 W

Specifications:

Dimensions (center fixture):	1500 mm x 35 mm x 65 mm
Dimensions (end fixture):	1500 mm x 35 mm x 45 mm
Color Temperature (K)	3500 K, 4100 K, 5000 K
Illuminance*	1,400 Lux**
Life rating	100,000 Hours (L ₇₀)
CRI (nominal)	75
Power (center fixture)	20 W Input
Power (end fixture)	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:

Dimensions L x W x D	64 mm x 32 mm x 45 mm
Input Operating Range	DC 8 – 28 V
PWM Output	0 – 100% Duty Cycle
Output Current	Class 2 - Selectable Duty Cycle Limiting
Connectors	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:

Dimensions L x W x D	172 mm x 45 mm x 31 mm
Output Voltage	DC 24 V Regulated +/- 2%
Input Voltage Range	AC 90 – 264 V
Input Current	1.4 A MAX
Rated Power	100 W
Rated Current	4 A
Operating Temperature	-25° C to +50° C

