

**HUSSMANN®**

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# EcoShine II Vertical LED Lights

FOR REACH-INS and WALK-INS

Maximum lighting effectiveness in food retail displays.



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Advanced merchandising with lower energy cost.



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Vibrant colors...

# EcoShine II Vertical LED Lights

FOR REACH-INS and WALK-INS

Attract, guide and influence shoppers to reach-ins and walk-ins by highlighting the colorful appeal of frozen or refrigerated food displays, from ice cream to frozen entrees to beverages.

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## Life and color.

- Brilliant illumination brings out vivid colors in frozen or refrigerated foods
- Uniform lighting throughout the display
- Superior color rendering and uniform light dispersion for each door application
- Warm neutral and neutral white options available for rich, eye-catching colors in products and packaging. Cool white available for walk-in door applications.
- Concealed light source with slimmer, less bulky design keeps the focus on your display

## Efficient. Durable. Cost effective.

- Up to 71% energy savings compared to fluorescents
- Motion-activated dimming system available for additional energy savings
- Excellent durability: 5-7 year life expectancy
- Very fast and easy field installation
- Available in 48", 56", 60", 68", and 72" lengths
- Certification: DLC Listed, NSF, ROHS, and UL





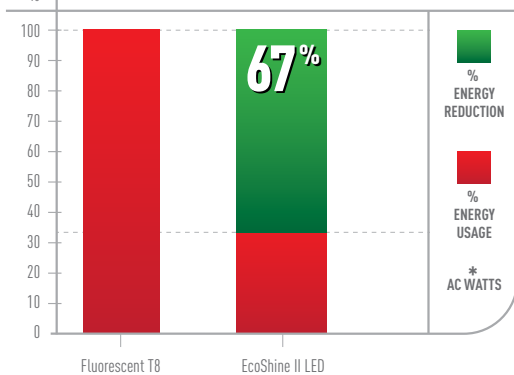
## Helping retailers compete.

EcoShine II LED's maximize product appeal while reducing energy costs, to give retailers a competitive advantage in both areas.



## Energy savings compared to T8 fluorescents.

Energy Savings\* - EcoShine II Vertical LEDs for Reach-Ins and Walk-Ins



## Improved performance.

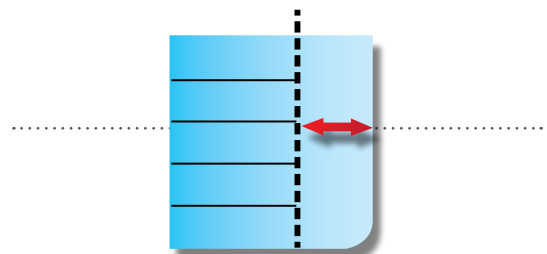
- Improved CRI and color rendering with more light output
- Lower energy of 16.4 watts D.C. per door (12% energy reduction)
- 60" size that works with competitors' cases
- Uniform diffused lighting
- IP67 rated; helps keep moisture and fluids out
- Fixture and bracket options
  - Standard bracket allows the fixture to sit flush against the mullion (~2° offset)
  - Closed Space bracket angles the fixture ~12° to push more light to the center of the doors



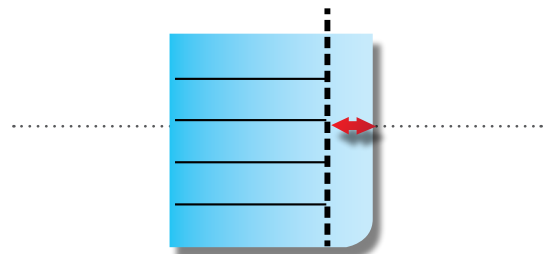
## Uniform brightness behind every door.

Husmann designs display case lighting to create spectacular merchandising impact.

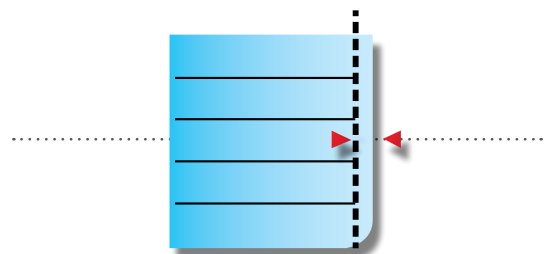
EcoShine II LED lights are customized to provide uniformly bright illumination for every unique reach-in and walk-in configuration. For convenience store applications, speak to your Husmann sales representative for the best lighting solution.



STANDARD LIGHT-TO-SHELF SPACING  
(EG: RL CASE)



NARROW TALL LIGHT-TO-SHELF SPACING  
(EG: RLN/RLT CASE)



WALK-IN COOLER  
LIGHT-TO-SHELF SPACING

DON'T SETTLE  
FOR A RETROFIT...

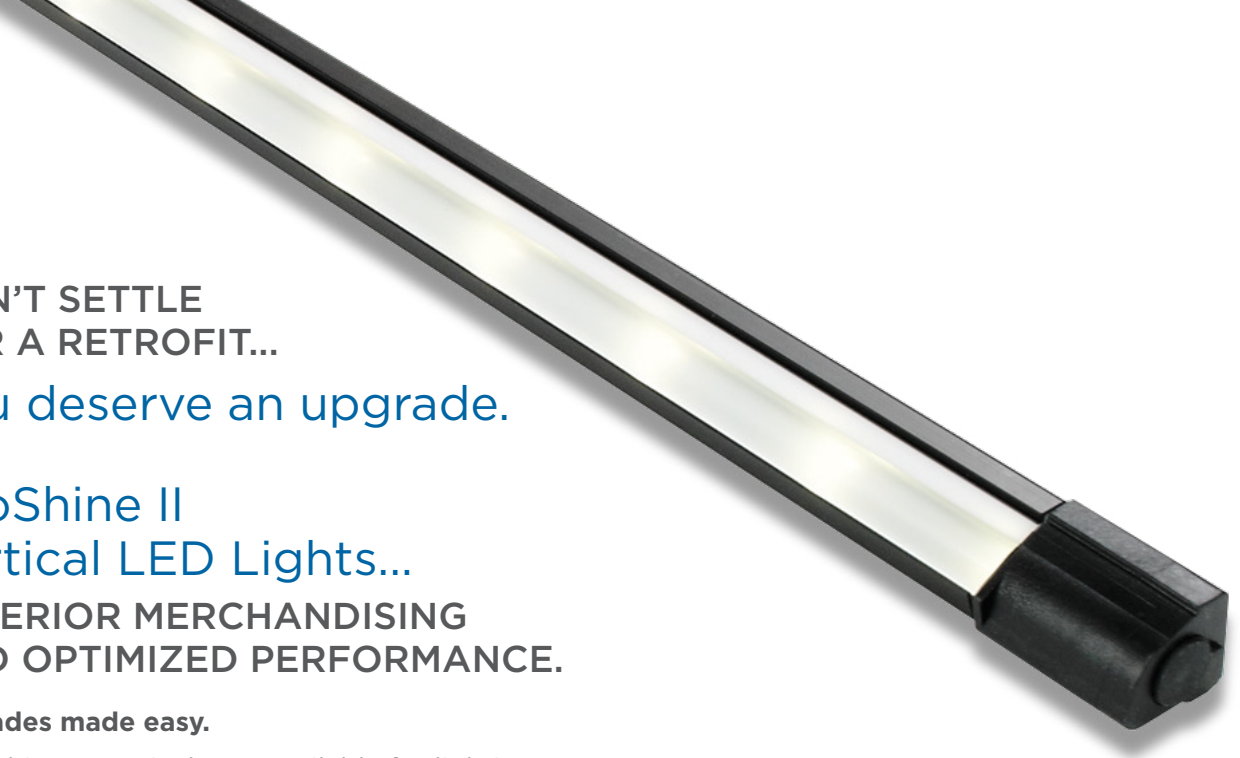
You deserve an upgrade.

EcoShine II  
Vertical LED Lights...

**SUPERIOR MERCHANDISING  
AND OPTIMIZED PERFORMANCE.**

**Upgrades made easy.**

- EcoShine II Verticals are available for lighting upgrades in all display cases from all manufacturers
- Complete end-to-end upgrade process available with energy audit, light selection, fast installation, and rebate identification and processing
- Field installation is quick and easy with minimal disruption to store operations
- 5 ft cable with EcoShine II for faster installation
- One power supply for up to 5 reach-in or walk-in doors when light length does not exceed 68 inches



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# Specifications

ECOSHINE II VERTICAL LEDs  
FOR REACH-INS and WALK-INS

SPECIFICATIONS - ECOSHINE II VERTICAL LEDs for REACH-INS and WALK-INS

EcoShine II for Reach-In/Walk-In Door Lighting

Factory, Replacement, and Upgrade Parts

	Hussmann Part Number	Description	Energy Watts (DC) Per Fixture	Energy Watts (AC) Per Fixture	CRI Rating (Typical)	Length (inches)	Efficacy (Lumens/Watt) Nominal
WARM NEUTRAL	3007068	EcoShine II Vertical Reach-In / Walk-In 3500K 48 in.	6.6	7.7	85	49.09	82
	3007071	EcoShine II Vertical Reach-In / Walk-In 3500K 56 in.	7.68	8.9	85	55.68	82
	3007074	EcoShine II Vertical Reach-In / Walk-In 3500K 60 in.	8.16	9.5	85	60.06	82
	3007079	EcoShine II Vertical Reach-In / Walk-In 3500K 68 in.	9.36	10.9	85	66.64	82
	3007087	EcoShine II Vertical Reach-In / Walk-In 3500K 72 in.	9.96	11.6	85	71.02	82
	3007077	EcoShine II Vertical Reach-In / Walk-In 3500K 60 in. High Output	12.5	14.5	85	60.06	82
	3007082	EcoShine II Vertical Reach-In / Walk-In 3500K 68 in. High Output	14.0	16.3	85	66.64	82
	3007084	EcoShine II Vertical Reach-In / Walk-In 3500K 68 in. Close Space*	9.36	10.9	85	66.64	82
	3007090	EcoShine II Vertical Reach-In / Walk-In 3500K 72 in. Close Space*	9.96	11.6	85	71.02	82
NEUTRAL WHITE	3007069	EcoShine II Vertical Reach-In / Walk-In 4000K 48 in.	6.6	7.7	85	49.09	82
	3007072	EcoShine II Vertical Reach-In / Walk-In 4000K 56 in.	7.68	8.9	85	55.68	82
	3007075	EcoShine II Vertical Reach-In / Walk-In 4000K 60 in.	8.16	9.5	85	60.06	82
	3007080	EcoShine II Vertical Reach-In / Walk-In 4000K 68 in.	9.36	10.9	85	66.64	82
	3007088	EcoShine II Vertical Reach-In / Walk-In 4000K 72 in.	9.96	11.6	85	71.02	82
	3007078	EcoShine II Vertical Reach-In / Walk-In 4000K 60 in. High Output	12.5	14.5	85	60.06	82
	3007083	EcoShine II Vertical Reach-In / Walk-In 4000K 68 in. High Output	14.0	16.3	85	66.64	82
	3007085	EcoShine II Vertical Reach-In / Walk-In 4000K 68 in. Close Space*	9.36	10.9	85	66.64	82
	3007091	EcoShine II Vertical Reach-In / Walk-In 4000K 72 in. Close Space*	9.96	11.6	85	71.02	82
COOL WHITE	3007070	EcoShine II Vertical Reach-In / Walk-In 5000K 48 in.	6.6	7.7	85	49.09	82
	3007073	EcoShine II Vertical Reach-In / Walk-In 5000K 56 in.	7.68	8.9	85	55.68	82
	3007076	EcoShine II Vertical Reach-In / Walk-In 5000K 60 in.	8.16	9.5	85	60.06	82
	3007081	EcoShine II Vertical Reach-In / Walk-In 5000K 68 in.	9.36	10.9	85	66.64	82
	3007089	EcoShine II Vertical Reach-In / Walk-In 5000K 72 in.	9.96	11.6	85	71.02	82
	3007086	EcoShine II Vertical Reach-In / Walk-In 5000K 68 in. Close Space*	9.36	10.9	85	66.64	82
	3007092	EcoShine II Vertical Reach-In / Walk-In 5000K 72 in. Close Space*	9.96	11.6	85	71.02	82

\* Close Space fixtures not listed due to DLC restrictive zonal lumen requirements.

**Color Temperature:**

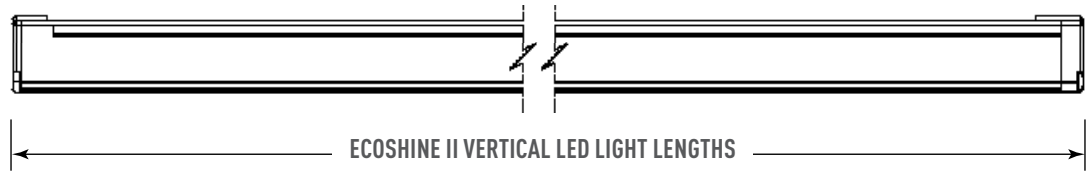
Color temperature is measured in kelvins (K). Higher color temperatures produce bright, white light hues. Cool White (5000K) has the brightest white hue. Neutral White (4000K) has a cooler hue than Warm Neutral (3500K).

**EcoShine II Vertical LED lights are covered by a 5 year limited parts and labor warranty.**

See Hussmann warranty policy for additional details.

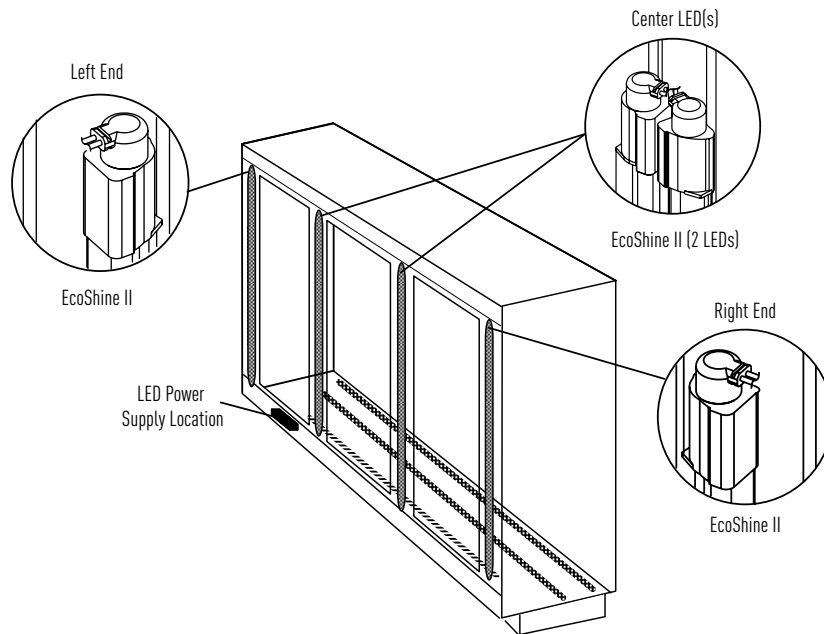
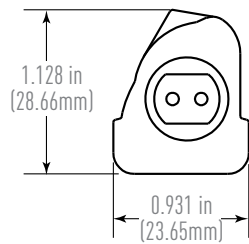
## Dimensions and Placement

### EcoShine II Vertical Mullion Length (including installation bracket)



- 48 in (1219mm)
- 60 in (1575mm)
- 68 in (1727mm)
- 72 in (1829mm)

#### EcoShine II



(Standard RL Merchandiser Shown)

## SPECIFICATIONS - ECOSHINE II VERTICAL LEDs for REACH-INS and WALK-INS

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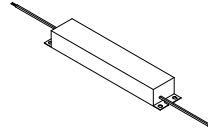
### Electrical Data

#### Interface Data

Cable Type: 2 core standard  
Conductor Size: 22 AWG (OEM) 18 AWG (upgrade)  
Maximum wiring distance at full load is 7 ft  
Cable Exit /Connector: IP67 Connector — EcoShine II  
**OR**  
6.56 ft (2m) open lead cable for upgrade installation  
and 2 hole mounting clips — EcoShine II Plus

Power Supply:

24VDC Class 2 100W  
One power supply is used for  
each five-door merchandiser



Standard Part Number: 0547639  
Slimline Part Number: 4483262

#### Electrical - Typical Values

RI/WI Lighting	1dr	2dr	3dr	4dr	5dr
EcoShine II Vertical Reach-In / Walk-In 48 in.	15.3	30.7	46.0	61.4	76.7
EcoShine II Vertical Reach-In / Walk-In 56 in.	17.9	35.7	53.6	71.4	89.3
EcoShine II Vertical Reach-In / Walk-In 60 in.	19.0	38.0	56.9	75.9	94.9
EcoShine II Vertical Reach-In / Walk-In 68 in.	21.8	43.5	65.3	87.1	108.8
EcoShine II Vertical Reach-In / Walk-In 72 in.	23.2	46.3	69.5	92.7	115.8

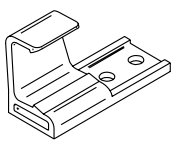
### Accessories

#### EcoShine II Mounting Clips

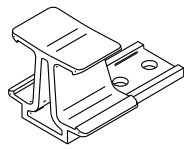
STANDARD BRACKET KIT (for Reach-In and Walk-In Applications)  
Part Number 4919371

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REACH-IN / WALK-IN MOUNTING CLIP  
5 in (127mm) to 8 in (203.2)

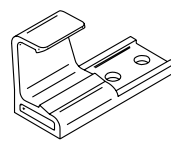


End Clip  
Part Number 0519313  
(3 per fixture)

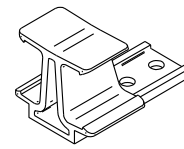


Center Clip  
Part Number 0519312  
(3 per fixture)

CLOSE SPACING WALK-IN MOUNTING CLIP  
0 in to 4 in (101.6mm) - Approx. 12° angle



End Clip  
Part Number 0519314



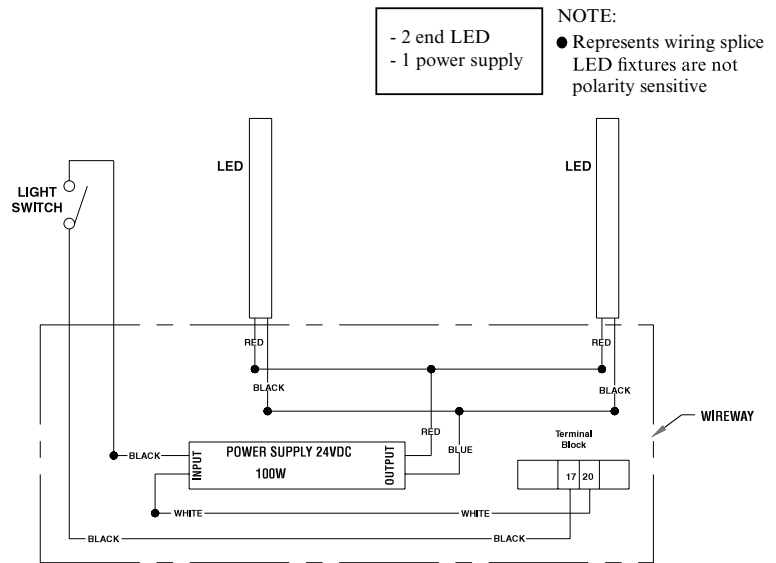
Center Clip  
Part Number 0519315



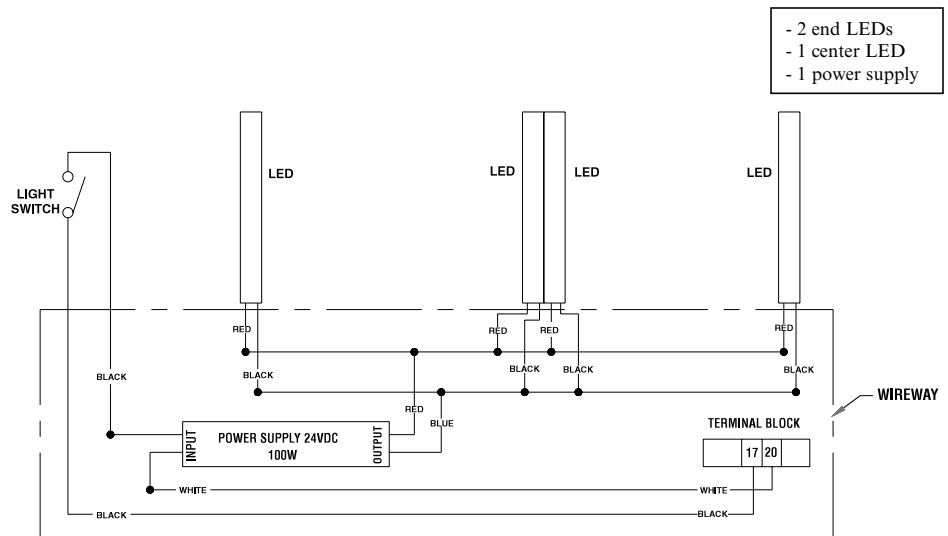
## Wiring Diagram

### Standard Vertical Lighting

#### 1 DOOR LED LIGHT WIRING DIAGRAM



#### 2 DOOR LED LIGHT WIRING DIAGRAM



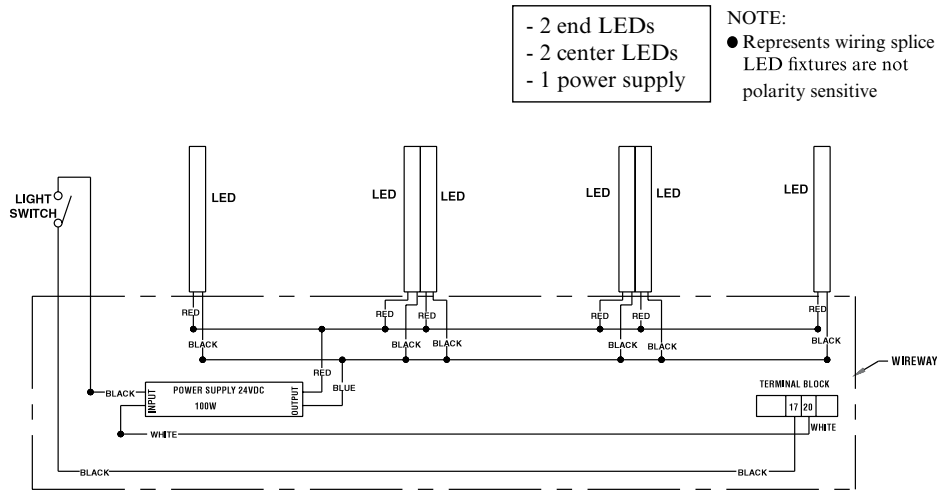
NOTE: Wiring diagrams shown above are for merchandisers with 60 in. and 67 in. EcoShine II LEDs.

# SPECIFICATIONS - ECOSHINE II VERTICAL LEDS FOR REACH-INS and WALK-INS

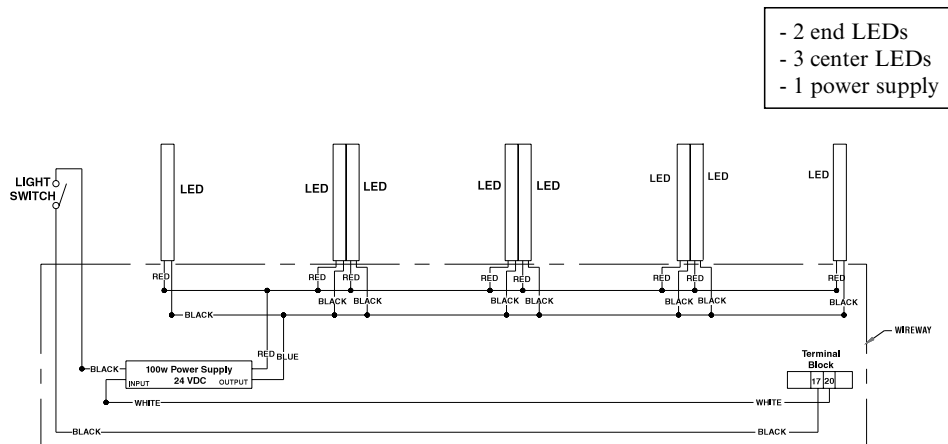
## Wiring Diagram

### Standard Vertical Lighting continued

#### 3 DOOR LED LIGHT WIRING DIAGRAM



#### 4 DOOR LED LIGHT WIRING DIAGRAM



NOTE: Wiring diagrams shown above are for merchandisers with 60 in. and 67 in. EcoShine II LEDs.

# SPECIFICATIONS - ECOSHINE II VERTICAL LEDS FOR REACH-INS and WALK-INS

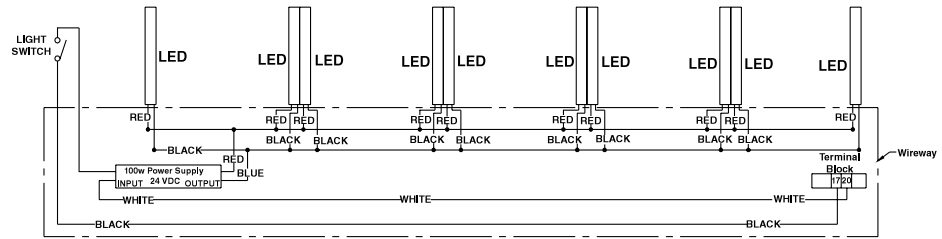
## Wiring Diagram

### Standard Vertical Lighting continued

#### 5 DOOR LED LIGHT WIRING DIAGRAM

- 2 end LEDs
- 4 center LEDs
- 1 power supply

NOTE:  
● Represents wiring splice  
LED fixtures are not polarity sensitive



NOTE: Wiring diagrams shown above are for merchandisers with 60 in. and 67 in. EcoShine II LEDs.

## Environmental

Certification:



Internal / External:

For indoor use only

Disposal:

Recycle

Specifications subject to change without notice. For additional resources, contact your representative or visit [www.hussmann.com](http://www.hussmann.com).

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