

HUSSMANN®

EcoShine ULTRA Vertical LED Lights

FOR REACH-INS and WALK-INS

Maximum lighting effectiveness in food retail displays.



Advanced merchandising with lower energy cost.



Vibrant colors...

EcoShine ULTRA Vertical LED Lights

FOR REACH-INS and WALK-INS



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
- Three color temperatures available (3500K, 4000K, 5000K) for rich, eye-catching colors in products and packaging
- Concealed light source with slimmer, less bulky design keeps the focus on your display

Efficient. Durable. Cost effective.

- Efficacy > 100 means more light output for same low wattage
- Up to 71% energy savings compared to fluorescents
- Motion-activated dimming system available for additional energy savings
- Excellent durability: 5-7 year life expectancy
- Fast and easy field installation
- No additional bracket costs as they are integrated into each fixture
- Certification: DLC Listed, NSF, ROHS, and UL

AVAILABLE LENGTHS	REFERENCE LENGTH (INDUSTRY)
34"	34"
46"	48"
58"	60"
65"	68"
73.5"	72"

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.

Helping retailers compete.

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

Utilize these LEDs in **ANY** Reach-In or Walk-In application in your store to ensure optimal lighting merchandising.



IMPROVED PERFORMANCE

- **CRI** was 85 typical; **now 93 minimum**
- **R9** increase to **over 60+**
- **30+% increase in LPW** over existing product lines
- **IP67 rated;** helps keep moisture and fluids out
- **Integrated brackets** for ease of installation and cost savings
- **Slim design** enables greater product visibility

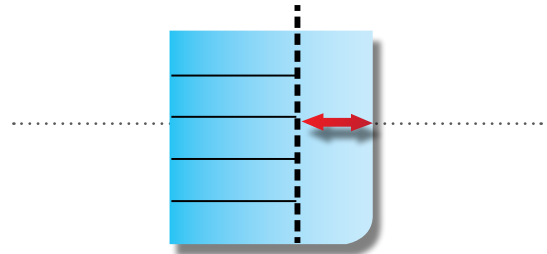




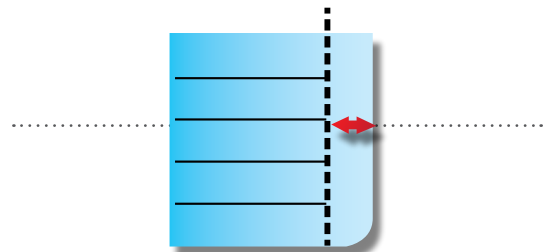
Uniform brightness behind every door.

Hussmann designs display case lighting to create spectacular merchandising impact.

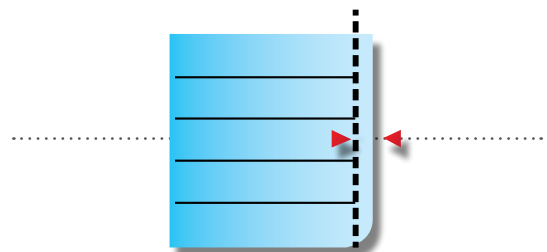
EcoShine ULTRA LED lights have all new optics and internal electronics to provide even better uniformly bright illumination for every unique reach-in and walk-in configuration. Updated design enables the same fixture to provide excellence in merchandising for the three variety of applications below.



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 ULTRA
Vertical LED Lights...

**SUPERIOR MERCHANDISING
AND OPTIMIZED PERFORMANCE.**

Upgrades made easy.

- EcoShine ULTRA Vertical LEDs are available for lighting upgrades in all display cases and walk-in coolers 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
- One power supply for most 5 door reach-in or walk-in frames.

End Fixture

Specifications

ECOSHINE ULTRA VERTICAL LED LIGHTS
FOR REACH-INS and WALK-INS

EcoShine ULTRA Vertical LEDs 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	3071852	LED-ES ULTRA CTR 34IN 3500K	10	11	93+	34.0	110
	3071873	LED-ES ULTRA LH 34IN 3500K	6	7	93+	34.0	105
	3071891	LED-ES ULTRA RH 34IN 3500K	6	7	93+	34.0	105
	3071853	LED-ES ULTRA CTR 46IN 3500K	14	15	93+	46.7	110
	3071874	LED-ES ULTRA LH 46IN 3500K	9	10	93+	46.7	105
	3071892	LED-ES ULTRA RH 46IN 3500K	9	10	93+	46.7	105
	3071854	LED-ES ULTRA CTR 58IN 3500K	17	18	93+	58.6	110
	3071875	LED-ES ULTRA LH 58IN 3500K	11	12	93+	58.6	105
	3071894	LED-ES ULTRA RH 58IN 3500K	11	12	93+	58.6	105
	3071855	LED-ES ULTRA CTR 65IN 3500K	19	21	93+	65.7	110
	3071876	LED-ES ULTRA LH 65IN 3500K	12	14	93+	65.7	105
	3071895	LED-ES ULTRA RH 65IN 3500K	12	14	93+	65.7	105
	3071856	LED-ES ULTRA CTR 73IN 3500K	22	25	93+	73.5	110
	3071877	LED-ES ULTRA LH 73IN 3500K	14	15	93+	73.5	105
	3071896	LED-ES ULTRA RH 73IN 3500K	14	15	93+	73.5	105
NEUTRAL WHITE	3071857	LED-ES ULTRA CTR 34IN 4000K	10	11	93+	34.0	110
	3071878	LED-ES ULTRA LH 34IN 4000K	6	7	93+	34.0	105
	3071897	LED-ES ULTRA RH 34IN 4000K	6	7	93+	34.0	105
	3071858	LED-ES ULTRA CTR 46IN 4000K	14	15	93+	46.7	110
	3071879	LED-ES ULTRA LH 46IN 4000K	9	10	93+	46.7	105
	3071898	LED-ES ULTRA RH 46IN 4000K	9	10	93+	46.7	105
	3071859	LED-ES ULTRA CTR 58IN 4000K	17	18	93+	58.6	110
	3071880	LED-ES ULTRA LH 58IN 4000K	11	12	93+	58.6	105
	3071899	LED-ES ULTRA RH 58IN 4000K	11	12	93+	58.6	105
	3071860	LED-ES ULTRA CTR 65IN 4000K	19	21	93+	65.7	110
	3071881	LED-ES ULTRA LH 65IN 4000K	12	14	93+	65.7	105
	3071900	LED-ES ULTRA RH 65IN 4000K	12	14	93+	65.7	105
	3071861	LED-ES ULTRA CTR 73IN 4000K	22	25	93+	73.5	110
	3071882	LED-ES ULTRA LH 73IN 4000K	14	15	93+	73.5	105
	3071901	LED-ES ULTRA RH 73IN 4000K	14	15	93+	73.5	105
COOL WHITE	3071862	LED-ES ULTRA CTR 34IN 5000K	10	11	93+	34.0	110
	3071883	LED-ES ULTRA LH 34IN 5000K	6	7	93+	34.0	105
	3071904	LED-ES ULTRA RH 34IN 5000K	6	7	93+	34.0	105
	3071863	LED-ES ULTRA CTR 46IN 5000K	14	15	93+	46.7	110
	3071884	LED-ES ULTRA LH 46IN 5000K	9	10	93+	46.7	105
	3071906	LED-ES ULTRA RH 46IN 5000K	9	10	93+	46.7	105
	3071864	LED-ES ULTRA CTR 58IN 5000K	17	18	93+	58.6	110
	3071885	LED-ES ULTRA LH 58IN 5000K	11	12	93+	58.6	105
	3071907	LED-ES ULTRA RH 58IN 5000K	11	12	93+	58.6	105
	3071865	LED-ES ULTRA CTR 65IN 5000K	19	21	93+	65.7	110
	3071886	LED-ES ULTRA LH 65IN 5000K	12	14	93+	65.7	105
	3071909	LED-ES ULTRA RH 65IN 5000K	12	14	93+	65.7	105
	3071866	LED-ES ULTRA CTR 73IN 5000K	22	25	93+	73.5	110
	3071887	LED-ES ULTRA LH 73IN 5000K	14	15	93+	73.5	105
	3071910	LED-ES ULTRA RH 73IN 5000K	14	15	93+	73.5	105

Dimensions and Placement

EcoShine ULTRA Vertical Mullion Length (including installation bracket)



ECOSHINE ULTRA VERTICAL LED LIGHT LENGTHS

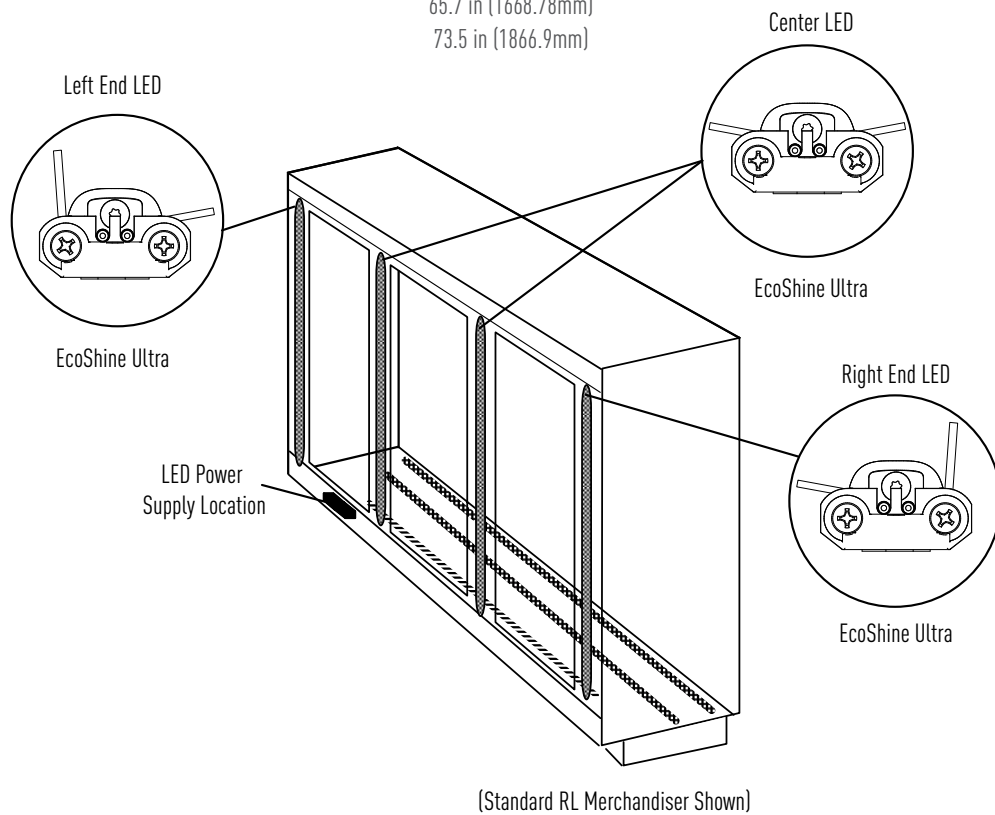
34 in (863.6mm)

46.7 in (1186.18mm)

58.6 in (1488.44mm)

65.7 in (1668.78mm)

73.5 in (1866.9mm)



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 ULTRA Vertical LED lights are covered by a 5 year limited parts and labor warranty.

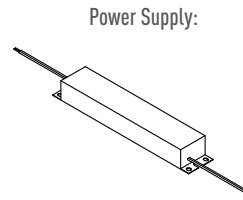
See Hussmann warranty policy for additional details.

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

Electrical Data

Interface Data

Cable Type:	2 core standard
Conductor Size:	18 AWG Maximum wiring distance at full load is 7 ft
Cable Exit /Connector:	IP67 Connector — EcoShine ULTRA Vertical LED



Power Supply:

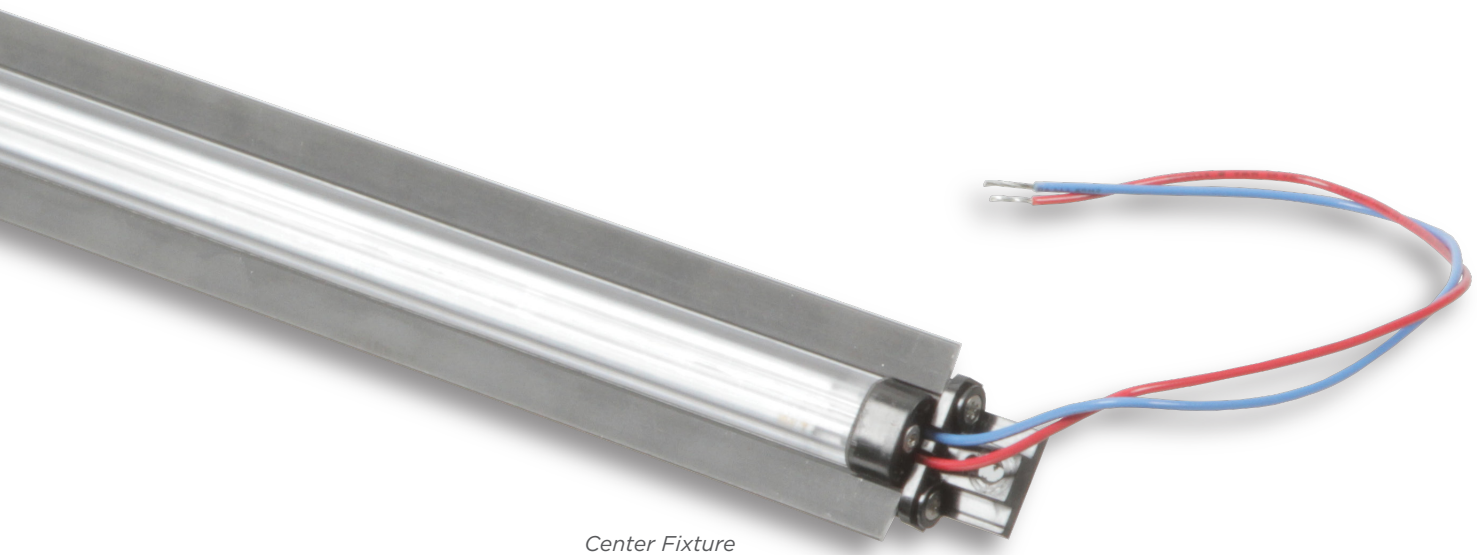
24VDC Class 2 100W
One power supply is used for each five-door merchandiser

Standard Part Number: 3013744

Approx Dimensions: 9.5"L x 1.69"W x 1"H
NOTE: Works for all mullion applications.

Electrical - Typical Values

RI/WI Lighting	1dr	2dr	3dr	4dr	5dr	
EcoShine ULTRA Vertical Reach-In / Walk-In 34 in.	13.8	24.3	34.9	45.4	56.0	
EcoShine ULTRA Vertical Reach-In / Walk-In 46 in.	20.0	35.3	50.7	66.0	81.3	
EcoShine ULTRA Vertical Reach-In / Walk-In 58 in.	24.0	42.4	60.9	79.3	97.8	RL / RLN VARIANTS
EcoShine ULTRA Vertical Reach-In / Walk-In 65 in.	27.1	48.1	69.1	90.1	111.1	RLT VARIANTS
EcoShine ULTRA Vertical Reach-In / Walk-In 73 in.	30.7	55.6	80.4	105.3	130.2	

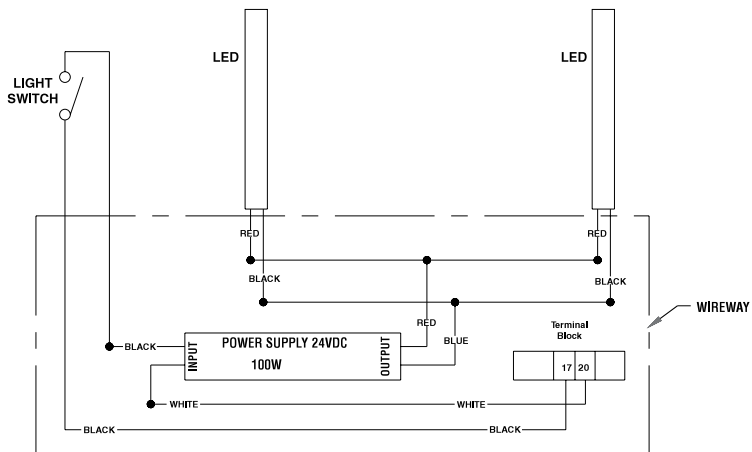


Wiring Diagram

Standard Vertical Lighting

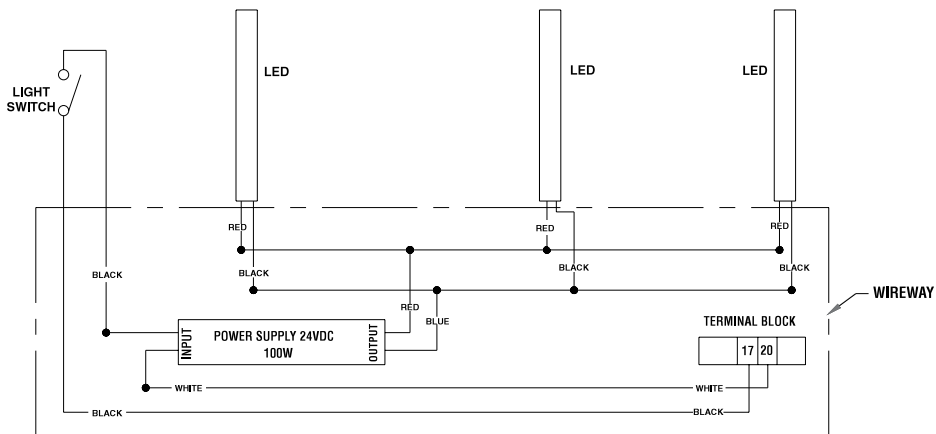
1 DOOR LED LIGHT WIRING DIAGRAM

- 2 End LEDs
- 1 Power Supply



2 DOOR LED LIGHT WIRING DIAGRAM

- 2 End LEDs
- 1 Center LED
- 1 Power Supply



NOTE: Wiring diagrams shown above are for merchandisers with 58 in. and 65 in. EcoShine ULTRA Vertical LEDs.

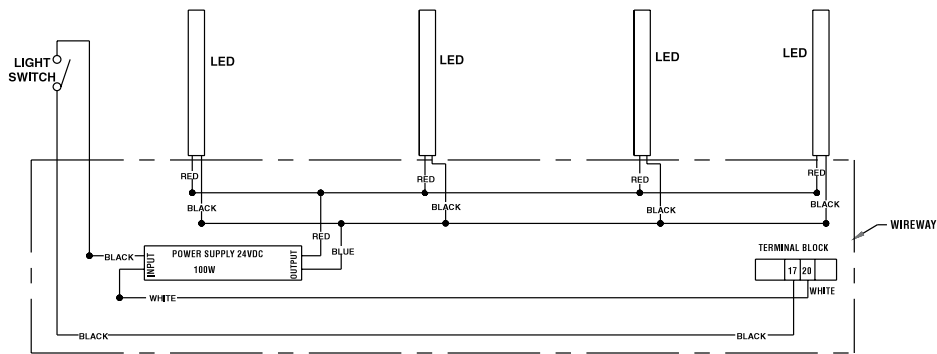
SPECIFICATIONS - ECOSHINE ULTRA VERTICAL LEDs for REACH-INS and WALK-INS

Wiring Diagram

Standard Vertical Lighting continued

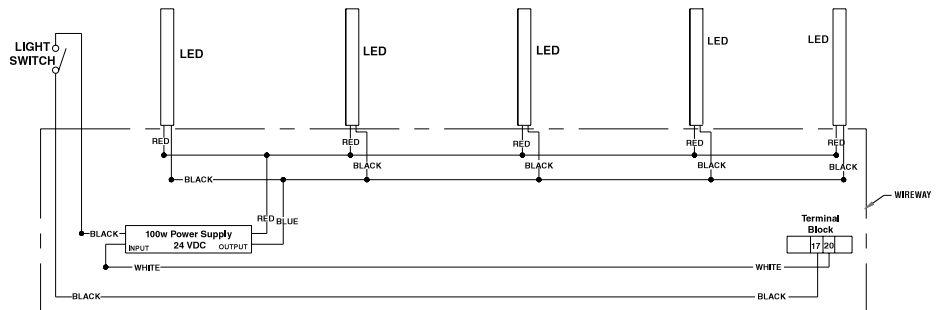
3 DOOR LED LIGHT WIRING DIAGRAM

- 2 End LEDs
- 2 Center LEDs
- 1 Power Supply



4 DOOR LED LIGHT WIRING DIAGRAM

- 2 End LEDs
- 3 Center LEDs
- 1 Power Supply



NOTE: Wiring diagrams shown above are for merchandisers with 58 in. and 65 in. EcoShine ULTRA Vertical LEDs.

Specifications subject to change without notice. For additional resources, contact your representative or visit www.hussmann.com.

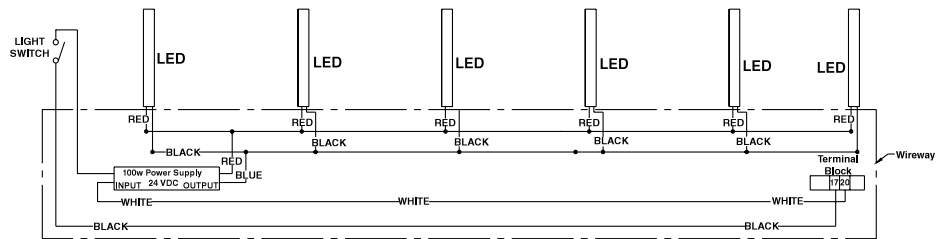
SPECIFICATIONS - ECOSHINE ULTRA VERTICAL LEDs for REACH-INS and WALK-INS

Wiring Diagram

Standard Vertical Lighting continued

5 DOOR LED LIGHT WIRING DIAGRAM

- 2 End LEDs
- 4 Center LEDs
- 1 Power Supply



NOTE: Wiring diagrams shown above are for merchandisers with 58 in. and 65 in. EcoShine ULTRA Vertical LEDs.

Environmental

Certification:



Internal / External:

For indoor use only

Disposal:

Recycle

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