HUSSMANN®

EcoShine ULTRA Horizontal LED Lights

CANOPY LIGHTS FOR MULTI-DECK, SERVICE AND SPECIALTY CASES

High CRI and R9 for maximum lighting effectiveness in retail food displays.

Advanced merchandising with lower energy cost.

EcoShine ULTRA Horizontals

FOR MULTI-DECK, SERVICE and SPECIALTY CASES

Bring life and color to fresh meats, produce, dairy, deli, and specialty selections. EcoShine ULTRA LEDs create bright, rich visual displays.

Vivid colors in fresh foods.

- EcoShine ULTRA lights bring out the true, rich colors of meats, produce, seafoods and more for a fresh, inviting presentation

- Optimized for natural color rendering and uniform light distribution under shelves and across different case profiles

- Slimmer, less bulky profile to keep the focus on food

- Warm white, warm neutral, and neutral white colors available

- LEDs emit less heat into the display case than fluorescents. This helps reduce the rise in internal product temperatures. Lower product temperatures help maintain the freshness and appearance of meats.
  This was verified by a Kansas State University Study that showed color stability and shelf life of meat was clearly improved with LEDs. Study available at krex.k-state.edu/dspace/handle/2097/13135.

Less energy. Greater reliability. Easier installation.

- Fast and easy installation on canopy lights, and compatibility with virtually all cases, all manufacturers

- Superior cleanliness and reliability with industry best IP67 certification to help keep moisture and fluids out of canopy lights

- 47-57% energy savings for multi-deck canopy lights

- Excellent durability: 5-7 year life expectancy; 5 year limited parts and labor warranty*

- All canopy lights available in 12", 18", 24", 36", 48", and 60" lengths

- Certification: UL, NSF, ROHS and DesignLights Consortium® qualified

* See Hussmann warranty policy for additional details.

EcoShine ULTRA
Canopy LED overview.

Richer Looking Fresh Meats

Our High CRI and R9 EcoShine ULTRA LED lights bring out the rich color of fresh meats.

Superior Reliability

EcoShine ULTRA Horizontal LED canopy lights have an IP67 moisture protection certification, the best in the industry, to help keep moisture and liquids out of the light fixture. Also, no more relamping every two years.

Design Features

- For open multi-decks with lit or unlit shelves

- Designed for dry and damp conditions

- Six length and three color options available

- Unique asymmetric diffused light spread for very even lighting across products

- Field adjustable brackets for flexible light distribution

- 5 year limited parts and labor warranty*

* See Hussmann warranty policy for additional details.

Revolutionizing the effectiveness of retail food lighting.

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EcoShine ULTRA Horizontal LED Lighting
- Canopy for Specialty and Service Merchandisers

Factory, Replacement, and Upgrade Parts

	Hussmann Part Number	Description	Energy Watts (DC) Per Fixture	Energy Watts (AC) Per Fixture	CRI Rating (typical)	Length (inches)	Lumen	Efficacy (Lumens/Watt) Typical
WARM WHITE	3089718	EcoShine ULTRA Canopy 3000K 12 in.	5.2	5.8	93	11.22	546	105
	3089719	EcoShine ULTRA Canopy 3000K 18 in.	7.0	7.8	93	16.65	735	105
	3089720	EcoShine ULTRA Canopy 3000K 24 in.	8.7	9.7	93	20.66	914	105
	3089721	EcoShine ULTRA Canopy 3000K 36 in.	13.9	15.4	93	34.09	1460	105
	3089722	EcoShine ULTRA Canopy 3000K 48 in.	17.4	19.3	93	45.66	1827	105
	3089723	EcoShine ULTRA Canopy 3000K 60 in.	24.4	27.1	93	58.66	2562	105
WARM NEUTRAL	3089724	EcoShine ULTRA Canopy 3500K 12 in.	5.2	5.8	93	11.22	546	105
	3089725	EcoShine ULTRA Canopy 3500K 18 in.	7.0	7.8	93	16.65	735	105
	3089726	EcoShine ULTRA Canopy 3500K 24 in.	8.7	9.7	93	20.66	914	105
	3089727	EcoShine ULTRA Canopy 3500K 36 in.	13.9	15.4	93	34.09	1460	105
	3089728	EcoShine ULTRA Canopy 3500K. 48 in.	17.4	19.3	93	45.66	1827	105
	3089729	EcoShine ULTRA Canopy 3500K 60 in.	24.4	27.1	93	58.66	2562	105
NEUTRAL WHITE	3089730	EcoShine ULTRA Canopy 4000K 12 in.	5.2	5.8	93	11.22	546	105
	3089731	EcoShine ULTRA Canopy 4000K 18 in.	7.0	7.8	93	16.65	735	105
	3089732	EcoShine ULTRA Canopy 4000K 24 in.	8.7	9.7	93	20.66	914	105
	3089733	EcoShine ULTRA Canopy 4000K 36 in.	13.9	15.4	93	34.09	1460	105
	3089734	EcoShine ULTRA Canopy 4000K 48 in.	17.4	19.3	93	45.66	1827	105
	3089735	EcoShine ULTRA Canopy 4000K 60 in.	24.4	27.1	93	58.66	2562	105
COOL WHITE	3089736	EcoShine ULTRA Canopy 5000K 12 in.	5.2	5.8	93	11.22	546	105
	3089737	EcoShine ULTRA Canopy 5000K 18 in.	7.0	7.8	93	16.65	735	105
	3089738	EcoShine ULTRA Canopy 5000K 24 in.	8.7	9.7	93	20.66	914	105
	3089739	EcoShine ULTRA Canopy 5000K 36 in.	13.9	15.4	93	34.09	1460	105
	3089740	EcoShine ULTRA Canopy 5000K 48 in.	17.4	19.3	93	45.66	1827	105
	3089741	EcoShine ULTRA Canopy 5000K 60 in.	24.4	27.1	93	58.66	2562	105

High 93 CRI and R9 >70 brings out the rich colors in fresh food.

These luminaires are IP67 rated. IP stands for ingress protection. The lights are totally protected from dust ingress — (6)
and from the effects of fluid immersion between 5.9 in (15cm) and 3.28 ft (1m) — (7).

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) or Warm White (3000K).

EcoShine ULTRA Horizontal LED lights are covered by a 5 year limited parts and labor warranty.
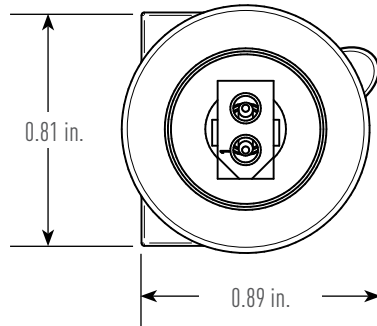See Hussmann warranty policy for additional details.

Dimensions and Placement
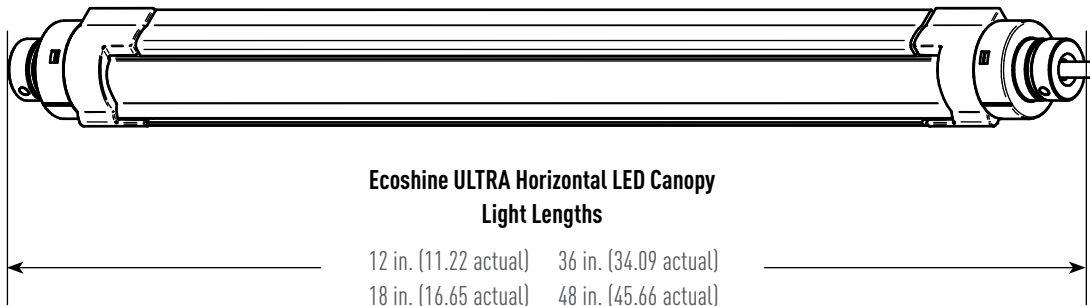
**Ecoshine ULTRA Horizontal LED Canopy
Light Lengths**

12 in. (11.22 actual)	36 in. (34.09 actual)
18 in. (16.65 actual)	48 in. (45.66 actual)
24 in. (20.66 actual)	60 in. (58.66 actual)

Side View

0.81 in.

0.89 in.

Placement

EcoShine ULTRA Horizontal
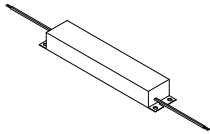LED Canopy Light

Multi-Deck
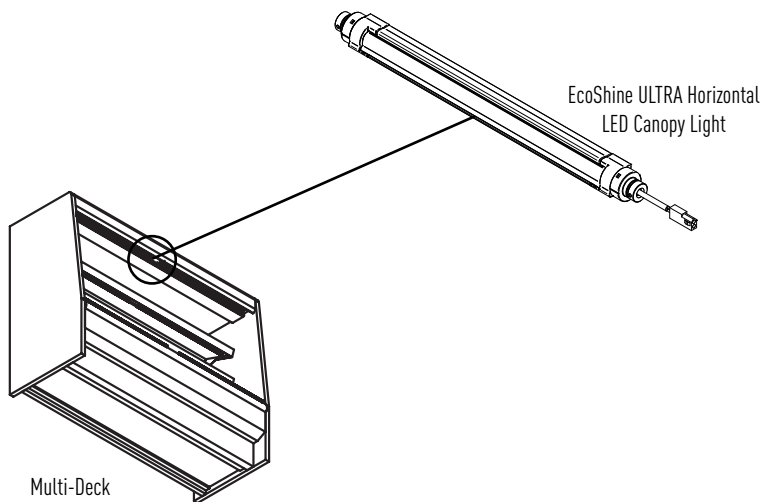
Electrical Data

Interface Data

**Canopy Cable
Exit/Connector:** 5 in cable with molex connector (OEM)

Power Supply: 24VDC Class 2 100W

Part Numbers: Power Supply with Leads - #3079207

Power Supply with Connectors - #3079208

Electrical - Typical Values

Canopy Lighting	Watts			
	4 ft	6 ft	8 ft	12 ft
EcoShine ULTRA Canopy	19.3	30.9	38.7	58.0

Note: These wattages are for guidelines purposes only.

Environmental

EcoShine ULTRA Horizontal for Canopy Lights

Certification:	[logos]
Internal / External:	For indoor use only
Disposal:	Recycle

EcoShine ULTRA Horizontal for High Output Canopy Lights

Certification:	[logos]
Internal / External:	For indoor use only
Disposal:	Recycle

Wiring Diagram

Standard LED Canopy Lighting

TYPICAL ONE ROW CANOPY WIRING CONFIGURATION

4-Ft Case

6-Ft or 8-Ft Case

10-Ft or 12-Ft Case
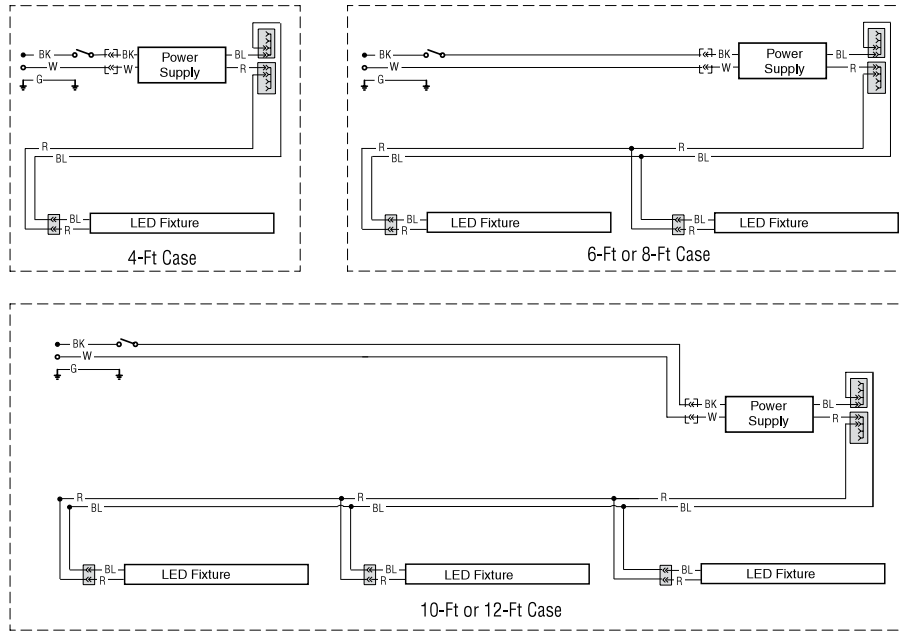
WARNING: All components must have mechanical ground, and the merchandiser must be grounded.

NOTE:
This power supply is not for use in wet or damp applications. One power supply can provide power for as many as 3 canopy fixtures.

COLOR CODES:
R = Red   Y = Yellow   G = Green   BL = Blue   BK = Black   W = White

SYMBOLS:
● = 120V Power   ○ = 120V Neutral   ⏚ = Field Ground   ⟋⟋⟋ = Case Ground

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