



HUSSMANN®

Hussmann Corporation
12999 St. Charles Rock Rd.
Bridgeton, MO 63044-2483
Ph: 314.291.2000

www.hussmann.com

HUSSmann®

EXPERIENCE THE
TRANSFORMATIONAL POWER OF

EcoShine II LED Lighting for Retail Food



EcoShine II LED Lights:

The Art and Science of Merchandising.



Experience superior merchandising and optimized performance. Create exceptional displays throughout every department with bright, vibrant colors that attract shoppers.

EcoShine II LED lights are custom designed to create dramatic visual impact in each food category: meat, produce, dairy, seafood, specialty, frozen, and more.



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.



EcoShine II LED Lights:
Available in Every Department.



Produce



Specialty / Prepared Foods



Service Deli



Dairy / Deli



Meat



Frozen Food



Seafood



Bakery

Superior Reliability.

EcoShine II LED shelf and rail lights provide superior cleanliness and reliability with industry leading IP67 certification, which helps keep moisture and fluids out of lights.








Hussmann is helping retailers reduce or eliminate relamping costs. EcoShine II LED lights have a 5 to 7 year life expectancy, compared to 2 years with fluorescents.

Lower Cost of Ownership.

Lower energy cost. Lower relamping and maintenance costs. Lower overall cost of ownership with EcoShine II LED lighting.

EcoShine II LEDs are available in every department for virtually all display cases, all manufacturers.

Product Reference Guide by Application.

	Reach-In Cases	Walk-In Doors	French Doors (Walk-In or Multi-Deck Cases)	Open Multi-Deck Slanted Lit Shelving
 FRESH MEAT	—	—	EcoShine II Vertical EcoShine II Canopy	EcoShine II Canopy EcoShine II Shelf
 DAIRY	EcoShine II	EcoShine II	EcoShine II Vertical EcoShine II Canopy	—
 FRESH PRODUCE	—	—	EcoShine II Vertical EcoShine II Canopy	EcoShine II Canopy EcoShine II Shelf
 FROZEN FOODS	EcoShine II	EcoShine II	—	—
 DELI	—	—	EcoShine II Vertical EcoShine II Canopy	EcoShine II Canopy EcoShine II Shelf
 FISH/ SEAFOOD	EcoShine II	—	—	—
 PRE-PACKED PREPARED FOOD	—	—	—	—
 BAKERY	—	—	—	—
 SALAD and OLIVE BARS	—	—	—	EcoShine II Canopy EcoShine II Shelf
 SPECIALTY CHEESE	—	—	—	—
 WINE and BEER	EcoShine II	—	EcoShine II Vertical EcoShine II Canopy	—
 FLORAL	EcoShine II	—	—	—

Open Multi-Deck
Straight Unlit Shelving



Service
Cases



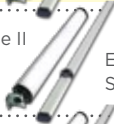
Specialty
Islands



EcoShine II
Canopy



EcoShine II
Shelf



EcoShine II Shelf or
Quick Connect
All Positions

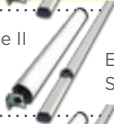


—

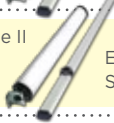
FRESH
MEAT



EcoShine II
Canopy



EcoShine II
Shelf



—

—

DAIRY



EcoShine II
Canopy



EcoShine II
Shelf



—

—

FRESH
PRODUCE



—

—

—

FROZEN
FOODS



EcoShine II
Canopy



EcoShine II
Shelf



EcoShine II
Canopy



EcoShine II
Shelf



EcoShine II Shelf or
Quick Connect
All Positions



DELI



EcoShine II
Canopy



EcoShine II
Shelf



EcoShine II Shelf or
Quick Connect
All Positions



—

FISH/
SEAFOOD



—

EcoShine II Shelf or
Quick Connect
All Positions



EcoShine II Shelf or
Quick Connect
All Positions



PRE-PACKED
PREPARED
FOOD



—

EcoShine II Shelf or
Quick Connect
All Positions



EcoShine II Shelf or
Quick Connect
All Positions



BAKERY



EcoShine II
Canopy



EcoShine II
Shelf



EcoShine II Shelf or
Quick Connect
All Positions



EcoShine II Shelf or
Quick Connect
All Positions



SALAD and
OLIVE BARS



—

EcoShine II Shelf or
Quick Connect
All Positions



EcoShine II Shelf or
Quick Connect
All Positions



SPECIALTY
CHEESE



—

—

—

WINE
and BEER



—

—

—

FLORAL



Revolutionizing the effectiveness of retail food lighting.

HUSSMANN[®]

EcoShine II Vertical LED Lights:

For Dairy and Deli Products in Multi-Deck Cases with Glass Doors.



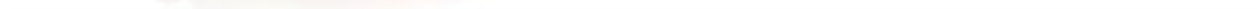
Create spectacular dairy displays with bright, vibrant colors that attract, guide and influence shoppers. EcoShine II LED lights used with medium temperature, multi-deck door cases highlight the vivid colors of product packaging, making foods appear irresistible.

Bright. Colorful. Appealing.

- Bright, even light distribution makes every product facing look colorful and attractive
- Light source is “invisible” to shoppers with ultra-slim integrated fixture
- EcoShine II is optimized for the vertical mullions in EcoVision dairy/deli doors and competitors’ multi-deck doors
- Canopy LEDs are optionally available in one or two rows to complement mullion lighting for optimum brightness and uniformity
- Warm white, warm neutral, and neutral white options available to create excellent color vibrancy for packaged products

Lower energy cost.

- Up to 69% energy savings compared to fluorescents
- Mullion LEDs available in 42”, 51”, 59” and 71” lengths
- Excellent efficiency and reliability in cold environments
- Extreme reliability: 5-7 year life expectancy
- Certifications: UL, NSF, ROHS and DesignLights Consortium® qualified



EcoShine II Vertical LED Lights:

For Frozen and Refrigerated Foods in Reach-In and Walk-In Cases.



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, the vivid colors of these eye-catching products have never been more inviting.

Life and color.

- Brilliant illumination brings out vivid colors in frozen or refrigerated foods
- Uniform lighting throughout the display
- Superior color rendering (93 CRI and R9 >60) and uniform light dispersion for each door application
- Warm neutral, neutral white, and cool white options available
- 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
- Excellent durability with 5-7 year life expectancy
- Very fast and easy field installation
- Potential rebates available
- Certifications: UL, NSF, and DesignLights Consortium® qualified



Revolutionizing the effectiveness of retail food lighting.

HUSSMANN®

EcoShine II Horizontal LED Lights:

For Produce, Meat, Dairy, and Deli Products in Multi-Deck, Service and Specialty Cases.



Bring life and color to fresh meats, produce, dairy, deli and specialty selections. EcoShine II LEDs present a premium look with rich colors that tempt shoppers, inviting them to purchase.

Vivid colors in fresh foods.

- Natural color rendering and uniform light distribution
- Slimmer, less bulky profile to keep the focus on food
- High 93 CRI and R9 >60 brings out natural colors
- 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. Verified by Kansas State University Study, available at: krex.k-state.edu/dspace/handle/2097/13135.

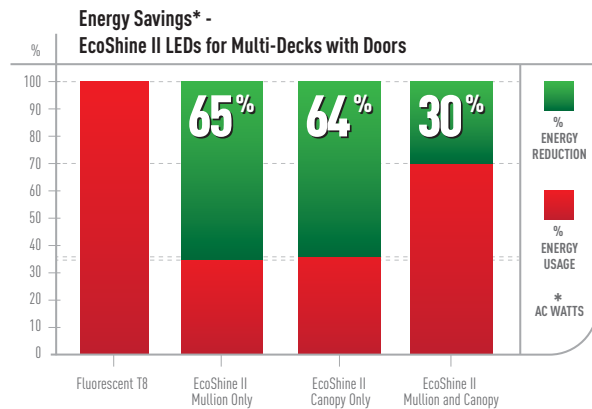
Less energy. Greater reliability. Easier installation.

- Fast and easy installation with shelf light magnets, quick connect adapters, and 5 ft cable on canopy lights
- Superior cleanliness and reliability with industry best IP67 certification to keep moisture and fluids out of lights
- 66% energy savings over T8 fluorescents for shelf, rail, and service canopy lights
- 47-57% energy savings for multi-deck canopy lights
- 5 year limited parts and labor warranty*
- Certifications: UL, NSF, ROHS and DesignLights Consortium® qualified



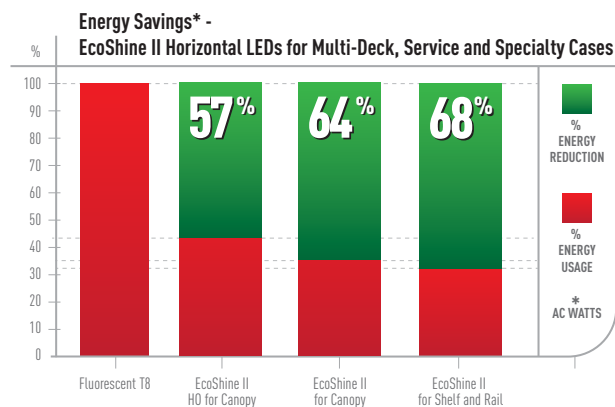
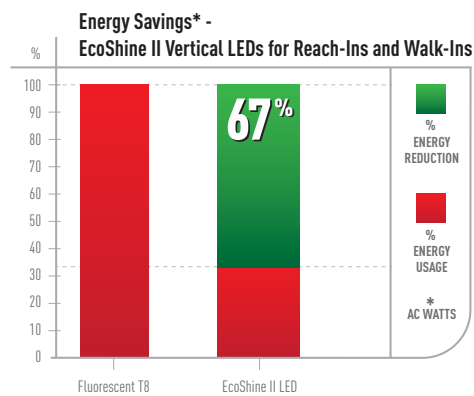
* See Hussmann warranty policy for additional details.

EcoShine II LED Lights: Optimizing Energy Use.



Using EcoShine II LED lighting is a simple and financially beneficial step in creating a more energy efficient retail business. With EcoShine II LEDs, food retailers can save up to 71% in case lighting energy costs. EcoShine II LEDs also put less heat in the case, which reduces refrigeration energy.

In addition, EcoShine II LEDs may be eligible for rebates through numerous utilities or energy consortiums.



Don't settle for a retrofit:

You Deserve an "Upgrade."

EcoShine II LED Lights.

Superior merchandising and optimized performance.

- Complete end-to-end upgrade process available with energy audit, light selection, fast installation, and rebate identification and processing
- Field installation is fast, flexible, and full service, with minimal disruption to store operations
- Fast and convenient installation features include:
 - Magnetic mounting or brackets for shelf lights
 - Quick connect electrical adapters for shelf lights
 - 5 ft leads on canopy lights and vertical mullion lights
 - Minimum number of power supplies required





EcoShine II Vertical LEDs
for Reach-Ins and Walk-Ins



EcoShine II Vertical LEDs
for Multi-Decks with Doors



EcoShine II Canopy LEDs
for Open Multi-Decks with
Lit Shelves



EcoShine II Horizontal LEDs
- Shelf and Rail for Multi-Decks
- Shelf, Rail, and Canopy for
Specialty Cases