

Showcase Produce in its Freshest Light with Promolux LED Lighting Solutions

Extend Shelf Life: Reduce Spoilage & Waste with **Safe Spectrum Technology**[®]

Promolux LED lighting is the perfect solution for supermarkets looking to improve the longevity and presentation of fresh produce displays. Using Safe Spectrum Technology[®], Promolux LEDs minimize photo and lipid oxidation, preserving the natural colors, textures, and freshness of fruits and vegetables, while also significantly reducing shrinkage caused by heat and radiation.



Key Benefits of Promolux LED Lighting for Produce Displays

01 Prevent Produce Oxidation, Dehydration, and Spoilage

- Safe Spectrum Technology[®] helps reduce the harmful effects of lighting, minimizing the risk of photo and lipid oxidation that leads to wilting and spoilage, especially in leafy greens, soft fruits, and berries.
- Promolux LEDs emit lower levels of heat and radiation compared to regular supermarket lighting, reducing shrink by preserving moisture and freshness. This prevents premature decay and dehydration, common culprits in significant product loss.

02 Combat Shrink and Preserve Freshness

- Shrink in produce displays can cost retailers up to \$1 per foot per day due to heat and dehydration, even with regular misting. Promolux LEDs combat shrink by maintaining moisture levels and reducing the negative impact of heat on fruits, vegetables, and fresh herbs.
- Soft fruits, cut fruits, and leafy greens like lettuce and spinach stay firm and appealing for longer periods under Promolux LEDs, helping to reduce spoilage and waste.

03 Accurate Color Representation with the Highest CPI

- The highest Color Preference Index (CPI) ensures that produce is displayed in its true and vibrant colors, highlighting the natural reds, greens, and yellows of fresh fruits and vegetables.
- Promolux LEDs enhance the visual appeal of your produce, making displays more attractive and encouraging customer purchases.

04 Reduce Shrink in Produce Display Cases

- By preserving the freshness and natural appearance of fruits and vegetables, Promolux LEDs help reduce shrink and product loss due to spoilage, ensuring longer shelf life and less waste.

Applications Across Produce Displays:



Fresh Fruit & Vegetable Displays



Salad Bar & Prepared Produce Displays



Organic Produce Sections



Floral departments

Keep Produce Displays Fresh and Appealing with Promolux LED Lamps

Promolux LED lamps are the ideal lighting solution for produce displays in supermarkets, helping to extend shelf life, reduce shrink, and maintain the vibrant appearance of fruits and vegetables. By minimizing photo and lipid oxidation, dehydration, and wilting, and providing the highest CPI color accuracy, Promolux ensures your produce displays look fresh and enticing while reducing waste.



Our LED lighting is requested for various applications, such as:

Meat, Deli, Seafood, Produce, Dairy, Bakery, Floral, Chocolate & Candy, Desserts, Ice Cream & Gelato, Food Services, Wine & Beer, Prepackaged Foods, Clothing, and more.

Easy Integration & Energy Efficiency for Supermarkets

01 Seamless Retrofitting into Existing Fixtures

Promolux LED lamps can be easily installed in existing produce display cases, making upgrades simple and cost-effective.

02 Energy Efficiency and Cost Savings

Promolux LEDs are energy-efficient, reducing electricity consumption while maintaining optimal conditions for produce displays.

03 Long-Lasting Durability

With a longer lifespan than traditional lighting, Promolux LEDs minimize maintenance costs and reduce the need for frequent replacements.



For more information, visit:



Promolux Produce Display Lighting at www.promolux.com

Safe Spectrum Technology for Produce Displays at www.safespectrum.com

