

## Showcase Wine & Beer in Optimal Conditions with Promolux LED Lighting Solutions

Preserve Flavor and Aroma: **Protect Beverages from Photodegradation**

Promolux LED lighting is the ideal choice for supermarkets aiming to protect the quality and visual appeal of their wine and beer displays. By minimizing harmful visible spectrum radiation and maintaining refrigeration efficiency, Promolux LEDs help prevent photodegradation, preserving the taste, aroma, and overall quality of beverages.



### Key Benefits of Promolux LED Lighting for Beverage Displays

#### 01 Prevent Photodegradation and Quality Loss

- Promolux LEDs emit minimal levels of harmful wavelengths (375nm–520nm) that can degrade wine, beer, and champagne, preventing the chemical reactions that cause flavor and aroma changes.
- Beverages retain their true taste and quality under Promolux lighting, safeguarding delicate options like white and rosé wines and lighter beers.

#### 02 Enhance Visual Appeal with Accurate Colors

- Promolux LEDs ensure wine and beer bottles are displayed in their authentic colors, highlighting packaging design while preventing the discoloration caused by light exposure.
- Vibrant and eye-catching displays encourage customer interest and purchases.

#### 03 Mitigate “Light-Struck” Effects on Beer

- Beer stored in clear or amber bottles is especially vulnerable to the “light-struck” effect, which can occur in as little as 30 seconds. Promolux LEDs minimize this risk, protecting hop-derived compounds from breaking down into off-flavors.
- Retailers can confidently display a wider variety of beers without compromising quality.

### Applications Across Beverage Types:



Wine & Champagne Displays



Beer Merchandisers  
(Clear, Amber, and Dark Bottles)



Refrigerated Juice & Cider Displays



Specialty Beverage Cases

# Keep Beverage Displays Vibrant and Fresh with Promolux LED Lighting

Promolux LED lamps are the superior solution for showcasing beverages in supermarkets. By preserving quality and enhancing visual appeal, they ensure your displays protect the integrity of wines, beers, and other beverages while capturing customer attention.



## Energy Efficiency and Easy Integration for Beverage Displays

### 01 Seamless Retrofitting

Promolux LEDs are easy to install in existing Beverage display, providing a quick upgrade to showcase color fidelity and preserve freshness.

### 02 Long-lasting Durability:

These LEDs reduce replacement costs and are designed for long-term, reliable use.

### 03 Energy Savings:

Promolux LEDs lower energy usage without sacrificing lighting quality, saving costs over time.



**For more information, visit:**



Promolux Beverage Display Lighting at [www.promolux.com](http://www.promolux.com)

Safe Spectrum Technology for Beverage Displays at [www.safespectrum.com](http://www.safespectrum.com)

