



 PETROLEUM STATIONS | C-STORES

## 7-Eleven® LIGHTING RETROFIT CASE STUDY

7-Eleven® convenience stores nationwide have upgraded to US LED interior recessed lighting to showcase their inventory in a new light and save more on the bottom line for years to come.



**\$15,300,000**

Annual Energy/Maintenance Savings



**32,750 kWh**

Annual Energy Reduction Per Location



**200,000 Hours**

LED Lighting L70 Lifetime



**10 Years**

Industry-Leading Warranty

### THE OPPORTUNITY

The National Association of Convenience Stores (NACS) reports over 153,000 convenience stores in the United States, with approximately 122,000 selling motor fuels. This large number of stores creates a competitive environment for multi-location operators, as they often have to work with narrow profit margins. 7-Eleven, the largest convenience store chain in the nation, constantly seeks opportunities to enhance the shopping experience and increase profitability.

7-Eleven, in its strategic pursuit of enhancing the shopping experience and increasing profitability, identified the need to improve the existing lighting and increase efficiency for their stores. The existing fluorescent fixtures suffered from degraded performance or were malfunctioning entirely, leading to unpredictable maintenance. The 7-Eleven team turned to US LED to update the existing systems with energy-efficient, ultra-long-life LED lighting. This solution provided the improved performance and energy savings they were looking for.

**BEFORE**



**AFTER**



## THE BENEFITS

The 7-Eleven locations upgraded to LED lighting now have better visibility, feel safer, and more secure due to the increased light levels. The LED lighting is expected to last 200,000 hours and is backed by a Ten-Year Warranty, giving 7-Eleven confidence in keeping employees more productive instead of dealing with maintenance issues.

The improved lighting has also attracted more customers and allowed them to locate products more quickly, leading to a more pleasant shopping experience. The latest US LED lighting solutions will, on average, reduce energy consumption for each location by 32,750 kWh annually (based on an average 24-hour burn per day). Ultimately, the total lighting energy and maintenance savings for all 7-Eleven locations is \$15.3 million annually.

## THE SOLUTION

The lighting experts at US LED collaborated with 7-Eleven's facilities team to upgrade 4,760 locations nationwide to new LED lighting. US LED's project management team was a single point of contact to oversee the project and schedule crews to replace the interior fluorescent fixtures with its L-Grid@2EH LED recessed troffers. This long-lasting recessed troffer provides glare-free illumination and significantly reduces energy consumption. The new lighting not only improved illumination and visibility but also reduced the number of luminaires installed while maintaining excellent light levels.



**US LED**  
Always the Right Choice!

[WWW.USLED.COM](http://WWW.USLED.COM) | [CUSTOMERSERVICE@USLED.COM](mailto:CUSTOMERSERVICE@USLED.COM) | 866-972-9191

© US LED™ All Rights Reserved. For informational purposes only.  
See [www.usled.com](http://www.usled.com) for specifications and warranty.