

# National LED



Gillman Auto in Houston, TX, faced safety issues with failing old LED fixtures. National LED upgraded the parking lot with 24 new fixtures, improving lighting quality and appearance. The retrofit is expected to save significantly on energy costs annually.



## Retrofit Lighting Upgrade | Parking Lot | Dealership

### Key Project Aspects

- ✓ Enhanced Safety and Visibility
- ✓ Modern and Reliable Lighting Solution
- ✓ Aesthetic Customization
- ✓ Energy Efficiency and Cost Savings

### Opportunity

Gillman Auto in Houston, TX, faced a significant challenge with their parking lot lighting. Their old 1st generation LED fixtures, installed 8-10 years ago, were failing constantly and providing inadequate, dim lighting. This not only compromised the safety and visibility in their parking lot but also reflected poorly on their establishment. To address these issues and enhance the overall lighting quality, Gillman Auto sought a reliable and modern lighting solution.



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## Solution

Project Manager Canyon Goheen and the team at National LED took on the task of retrofitting the parking lot with 24 new Area Light LED light fixtures. These state-of-the-art fixtures were selected for their superior performance and reliability. Additionally, to meet the client's aesthetic preferences, the fixtures were powder-coated to a custom color chosen by Gillman Auto. The retrofit was executed efficiently, ensuring minimal disruption to the daily operations of the auto dealership.

## NLED Area Light LED Fixture

The Area Light offers a compact, efficient, and economical solution for LED area lighting with a functional, low-profile design and outstanding performance. It features the latest LED technology, advanced thermal management, and controls, ensuring excellent lighting and uniformity for large area and site applications. With various arm designs and mounting options available, the Area Light provides uniform and energy-efficient illumination for parking lots and commercial lighting needs.



## Retrofit Lighting Upgrade Parking Lot - Dealership

### Why the Area Light was Selected

- ✓ Greatly improved parking lot illumination, enhancing safety and visibility for customers and employees.
- ✓ State-of-the-art LED technology provides consistent, bright lighting, eliminating issues from old fixtures and ensuring reliable performance.
- ✓ Significant energy cost savings and reduced operational expenses.
- ✓ Powder-coated to a custom color for a professional look.
- ✓ Functional, low-profile design with various mounting options.
- ✓ Minimal disruption to dealership operations during retrofit.

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## Environmental Impacts of a Retrofit LED Lighting Installation



**-12,088 lbs.**

Carbon dioxide emissions removed.



**+1 Acres**

Acres of forest added.



**-5 Vehicles**

Removed from the road.

### Results

The new LED lighting system significantly improved the illumination in Gillman Auto's parking lot, enhancing safety and visibility for both customers and employees. The modern LED fixtures provide consistent, bright lighting, eliminating the issues caused by the old, failing fixtures. Although specific energy savings data was not provided, the new generation LED fixtures are expected to be more energy-efficient, reducing operational costs over time. The successful retrofit not only solved the immediate lighting problems but also contributed to a more professional and inviting appearance for the dealership.

**RETROFIT  
LIGHTING  
UPGRADE**

**38% SAVINGS**  
energy usage per year

**UP TO 50,000 HRS.**  
National LED's lighting product lifetime

**10 YEARS**  
Industry-leading  
product warranty

