

# Comprehensive Auditing Process

## Nationwide Department Store

### Case Study



LEADING THE FUTURE OF  
**LIGHTING + TECHNOLOGY**

# Nationwide Department Store Case Study

With more than 30 acquisitions in the last 70 years, a department store chain had amassed properties in historic big-city shopping districts as well as in hundreds of suburban mall locations across the United States. Now the retailer sought to implement an LED lighting solution that conveyed the same luxury look and feel to shoppers no matter which location they visited.

## Project Details

Store portfolio area

105M sq ft

Total selling floor for store portfolio

80.5M sq ft

“It’s important for our stores to convey a consistent look and feel, and EMC’s turnkey expertise helped us meet our goals to achieve the desired aesthetics and save energy across 75 locations.”

- Director, Facilities Management

### The Challenge

With properties ranging in size from 400,000 to over 2 million square feet, and having vast differences in building age, architecture and layout, the retailer set an aggressive goal to make 75 locations 100% LED in 2022. To help achieve their desired aesthetics and boost energy savings in the process, the department store chain turned to a familiar partner they had collaborated with on past lighting projects for turnkey expertise: EMC.

### The Solution

To get the project going, the retailer began auditing their facilities using a variety of methods ranging from contracting it out to having store managers complete checklists. Faced with inconsistent results, they worked with EMC to standardize audit documentation and had EMC auditors complete the process in a consistent manner for each location.

Providing lighting that gave a consistent look and feel despite the varied building types, EMC and the retailer’s in-house design team resolved a variety of lighting issues. This included eliminating sporadic placement of down lights and 2 x 2 fixtures at an Atlanta location as well as ensuring proper illumination of a historic feature at a Philadelphia store location.

EMC worked with local managers to minimize project impact on their store. Many installations took place before shopping hours, with sales floor work starting in the early morning when the first employees arrived and shifting to back rooms during prime store hours.

## The Results

Completed on an aggressive timeline, the project delivered the fresh, signature look the retailer desired with added energy savings to boost their bottom line. The detailed audit reports for each store will serve as a blueprint for maintenance and future updates as needed.

EMC's knowledge of the clothing chain's store lighting infrastructure provided the retailer with the operations oversight needed to begin implementing LED upgrade projects across their nationwide portfolio. These efforts significantly advance the retailer's progress in achieving ambitious sustainability and zero landfill goals.

Before



After



# Realize the Full Value

---

## Retail Settings

Take a total approach to LED Lighting + Technology for all your store locations.

EMC has the project management expertise, quality and speed you need to maximize energy and bottom line savings for your retail business.

Since 2003, we've helped multinational businesses save billions of kilowatt-hours of energy and maximize their investment in LED lighting and controls to:

- Provide low cost of ownership and fast project paybacks
- Insure consistent implementations for hundreds of locations
- Reduce dependence on routine service calls
- Deliver superior utility savings and incentive values
- Enhance curb appeal and visual merchandising
- Maximize the full benefits of product warranties



LEADING THE FUTURE OF  
**LIGHTING + TECHNOLOGY**