Case study
Grocery store

Brookhaven Market

Burr Ridge, IL

Improved, more vibrant shopper experience
Reduced energy usage
Real-time analytics



Lighting controls at:

BROOKHAVEN MARKET

Burr Ridge, IL

Case Study



"It was very easy. We set the lights to smoothly fade from 55% brightness to 100% when customers enter an aisle, and then back down to 55% after just 30 seconds of vacancy."

— JP Bertakis , Director of Operations

LIGHTING ENERGY USAGE		SINCE JUNE 2015 —
Before	31.9 MWh per month	Energy Cost: 777 MWh / $93,288.73
After	10.2 MWh per month	Energy Savings: 1,052,607 lbs CO2 saved
Total Savings	21.7 MWh per month	25,000 sq ft

OVERVIEW

The owners of Brookhaven Marketplace in Burr Ridge, Illinois are known for their high quality products, incredible value and exceptional customer service, so when they considered updating their outdated lighting and controls system they demanded a system that was reflective of their business philosophy. It was also a priority that any improvements to the grocery store did not effect business operations, so as not to inconvenience their loyal customer.

NEEDS

Grocery stores demand lighting nearly 24 hours a day and therefore require an advanced system that can manage:

- A variety of scenes
- Time scheduling
- Various levels of dimming
- Occupancy sensing
- Energy savings and maximized safety

GOALS

Brookhaven Marketplace sought to:

- Improve indoor lighting quality
- Achieve deep energy savings while also minimizing lighting, operation and maintenance costs,
- Improve the overall store atmosphere for customers by installing a high-bay LED lighting retrofit with the highest CRI available

AMATIS CONTROLS PRODUCTS

LED 90+CRI high bay fixtures
LED 40W T5 replacements
Amatis Low Voltage Controllers (DC-DIM)
Amatis Motion and Light Sensors (Sensor2 MLTH)
Amatis Border Router (AMBR)
Amatis Control and Commissioning App
Amatis Energy Dashboard

PROJECT AT A GLANCE

- Improve shopper experience
- Reduce energy usage with high-bay LED fixtures
- Use advanced lighting controls to improve ROI
- Provide real-time energy analytics
- Decrease operation and maintenance costs
- Minimize business interruption during installation

