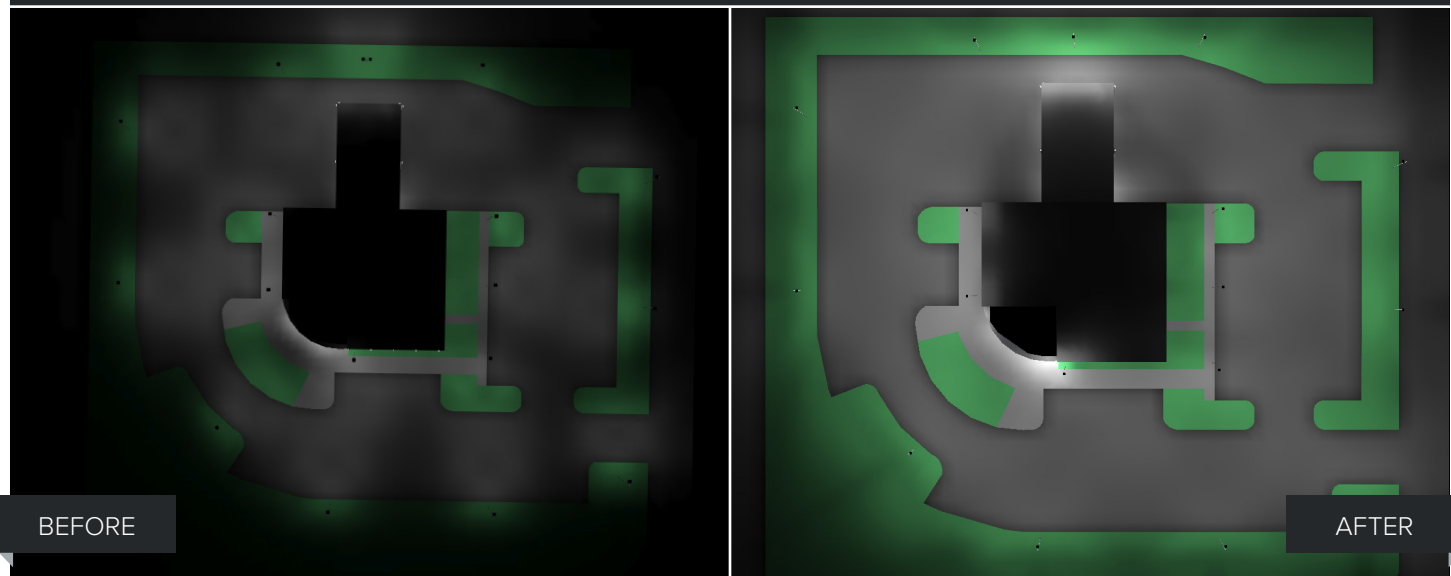


## CASE STUDY // Banking



## Regency saves national bank chain an estimated 850,840 watts in annual energy usage

*Regency's lighting design team uses photometrics to raise light levels, reduce material costs for banking customers*

### Overview

Federal regulations require bank branches to be well-illuminated, making site lighting both a headache and perhaps the best opportunity for energy savings in the financial industry. Regency has worked on over 1,000 branch locations for a number of national financial institutions to build energy-saving, security-compliant, data-driven site lighting programs.

One such energy program for a large national banking institution has netted over \$400,000 in annual savings by reducing the energy required to illuminate its properties.

In this program, our lighting design team was responsible for the following key functions:

- Audits
- Warranty coordination
- Security compliance
- Purchase order forecasting
- Labor dispatch
- Structural and electrical engineer coordination

### REGENCY'S DESIGN PROCESS

1. Establish specification manual
2. Audit, drafting of on-site CAD drawings
3. Research into local code, site EPA rating
4. Run photometrics, showing performance of various competing products
5. Measure and document levels to ensure safety and security

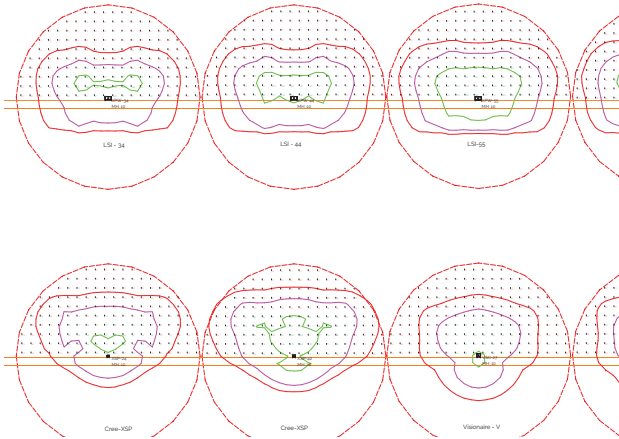
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Combining the use of site-by-site lighting audit data with photometrics and a wide range of available manufacturer specifications, our team finds the most efficient way to illuminate each and every site. We take into account everything from fixture optics to tree limbs and power lines, ensuring the customer steers clear of all potential mishaps during installation and inspection.

## REGENCY'S DATA-DRIVEN APPROACH: MORE LIGHT, LESS FOOTPRINT



A photometric comparison of multiple products from various manufacturers.

It is not uncommon to cut wattage consumption in half through strategic, photometric-driven lighting design. Regency saved the previously mentioned customer an estimated 850,840 watts in annual energy usage.

Additional savings are often accomplished by ensuring code is passed and fees and fines are kept at bay when regulators arrive on site.

“Regency zeroes in on custom solutions for each individual exterior lighting site it works on, looking for opportunities to maximize light levels while reducing material spend and energy consumption,” head of Visual Production Design, Erica Hay, says. “Our approach to this process is always manufacturer-agnostic and photometrically-informed.”

### A FORMULA FOR SUCCESS

#### Accuracy

Light readings and realistic 3D models are used to ensure accurate, compliant renderings

#### Attention to detail

Installation details such as panel locations, controls, broken fixtures, etc. are noted during the initial audit to address during the design phase

#### Agnostic approach

Commitment to evaluating manufacturers through a proven, data-driven approach to determine the best solution for each

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