

What to expect from a **Lighting Audit**

What is the purpose of the audit?

Big Shine Energy provides a complimentary lighting audit of your facility. Through the audit, we collect the information needed to create a customized lighting proposal for your facility. Our goal is to maximize lighting efficiency and cut energy costs while meeting industry illumination standards and the specific needs of your business.

How to prepare

- You or a staff member should be present to give our energy consultant access to areas that need to be audited
- Collect any maintenance and utility bills from the past 12 months
- Have a digital floor plan (AutoCAD, PDF, or JPG) to provide to our energy consultant

Your role in the audit process

Upon arriving, our energy consultant will meet with you briefly and scan any documents you have prepared.

Our consultant will discretely collect information. You or a staff member are welcome to accompany the consultant during the audit.

Following the audit, the consultant will discuss the next steps with you before departing.

The following information will be collected during the audit:

- Building, floor, and area identification
- Information about current fixtures (Quantity, mounts, ballasts, wattages, voltage, etc.)
- Photographs of existing fixtures and their arrangement
- Lighting controls of existing fixtures
- Temperature readings
- Foot-candle readings
- Color temperature measurements
- Hours of operation per fixture
- Power consumption per fixture
- Photographs of existing breaker box(es)
- Ceiling types and heights
- Room/area dimensions
- Entrance sizes
- Current HVAC configuration

Next Steps: Customized Lighting Proposal

Within 48 hours of the audit, our consultant will contact you to schedule a meeting to present the proposal. The proposal includes:

Proposed Solution

- Proposed fixtures
- Proposed wattages
- Proposed lighting controls
- Incentives/rebates

Energy Savings Evaluation

- Annual kWh savings
- Annual financial savings
- ROI calculation

If you have any questions about our audit process, feel free to give us a call.

(845) 444-5255