

Starting a New Project

What you will need:

Existing Conditions

- Estimate Baseline – Use an energy code ([find your local code](#)) or see “What’s My Code” link on the web tool. Alternatively, for the submission, you can select ASHRAE 90.1 2010 [This is the default option for submissions that are New Construction or Major Renovation subject to energy code.]

OR

- Existing Conditions Baseline (use for redesign or retrofit project)
 - Existing luminaire quantity per space type
 - Existing lighting control types applied to each luminaire *
 - Existing luminaire system wattage (lamp(s) + ballast power), lumen output, * mounting type * (“recessed” for troffers), source type, * model number, * lamp description, * number of lamps, * and ballast/driver information *

Building Information

- Building type classification (predefined, select from options in the dropdown list)
- Building location (state)
- Number of days building is closed (annually)
- Building hours of operation (on weekdays and weekend)
- Floor area

Proposed System

- Luminaire system wattage, lumen output, * mounting type * (“recessed” for troffers), source type, * model number, * lamp description, * number of lamps, * and ballast/driver information *
- Number(s) of luminaires per space type (from electrical plans)
- Lighting control types including numbers of luminaire controlled* (from electrical plans)
- Variations to the whole building schedule and numbers of luminaires affected (from electrical plans)

Optional

- Daylighting system specifications (used for daylight harvesting savings assumptions)
 - Window area and orientation
 - Length of window walls

Visible transmittance of glazing

*The Lighting Project Evaluator and the Existing Conditions Baseline do not require all inputs. They were designed to be flexible to meet any of the complex needs of your project.

If you are submitting a building for the [Interior Lighting Campaign \(ILC\)](#), you only need to include information for the applicable being replaced (troffers, high-bay, low-bay, and linear suspended systems). The ILC Awards Committee will perform a separate analysis that only accounts for the power (watt) reduction per luminaire and provide additional savings for lighting controls applied. The lighting power density specified in the building code selected for a new project will not be the baseline for the award analysis performed for the ILC. As such, the entire project area can be lumped into an entire space type if it makes inputting the project data easier. However, to receive appropriate credits for the campaign, lighting controls must be specifically applied to the correct number of luminaires.

There is space to include all the information needed if you are participating in a component-based utility incentive program (e.g., luminaire mounting type, light source, lamp type, number of lamps per luminaire, etc.). The information that you include will be summarized in the document provided. For example, if you are applying for a lamp incentive, you do not have to include the ballast information unless it helps you organize your project.

If you are participating in a custom or performance-based incentive program through your utility, you will not need to provide every detail about your equipment, but you will need to assign controls to the appropriate luminaires and include daylight inputs for spaces with daylight harvesting systems installed. This information is needed to generate an accurate power (kWh) savings estimate. To save you time, you do not need to provide all of this detail in a component-based incentive program.