

# KB Energy Consulting, LLC - Title 24 Building Data Checklist - NonResidential Lighting

## CONTACT DATA

Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_ Email \_\_\_\_\_

Company Address (Street): \_\_\_\_\_

Company Address (City/State/Zip): \_\_\_\_\_

**PROJECT BUILDING DATA** - Please include the following data with the plans & specifications you are providing us:

**Project Name:** \_\_\_\_\_

**Project Address:** \_\_\_\_\_

**Scope:** Please indicate if the project is: New Construction / Addition / Alteration / Existing space heated or cooled for the first time

**Plans included (Indoor Lighting):** \_\_\_ Floor Plan(s) \_\_\_ Reflected Ceiling Plan(s) \_\_\_ Fixture Schedule \_\_\_ Project Title Block

**Plans included (Outdoor Lighting):** \_\_\_ Site Plan (hardscape areas) \_\_\_ Outdoor Lighting Plans & Elevation ( inc. fixture schedule)

Please provide the following information:

1. **Scope** - Specify if the project includes: \_\_\_ Indoor Lighting \_\_\_ Outdoor Lighting \_\_\_ Unconditioned Space Lighting
2. **Floor Plans** – Should include room names and/or occupancy types (e.g. office, conference, halls, restrooms, retail, etc.).
3. **Unconditioned Spaces** - Should be clearly indicated (all rooms not heated or cooled, such as a storage/warehouse areas).
4. **Dimensions and/or Room Areas** – Required if provided plans are not in AutoCad format.
5. **Reflected Ceiling Plan** – Especially for tenant improvement and similar alterations, should indicate areas of work and distinguish new & remaining fixtures from existing fixtures being removed or replaced.
6. **Lighting Fixture Schedule / Information:**
  - a. Lamp Type (e.g. LED, Fluorescent, Metal Halide, etc.)
  - b. For fixtures with incandescent lamps, including halogen, indicate manufacturer’s maximum rated wattage
  - c. For lamps that require a ballast, indicate if it’s electronic or magnetic, and whether or not it’s dimmable.
  - d. Lamp Model & Quantity per fixture (e.g. 2 @ F32T8, etc.)
  - e. Track / Cable Lighting – Provide track lengths and VA rating for line voltage fixtures. For low-voltage fixtures, provide maximum transformer rating for the entire fixture
  - f. If only fixture manufacturer & model numbers are provided, also provide marked up manufacturer specification sheets clearly indicating all of the above for each fixture, including product model number key.
7. **Controls** - Indicate locations and fixtures controlled for any dimmers, automatic motion sensors and/or automatic day-lighting controls.
8. **Daylit Areas & Controls** – When required, should be indicated on the floor plans, reflected ceiling plan, or on a separate sheet indicating day-lighting areas from windows & skylights, and day-lighting switching control & fixture locations.
9. **Display Lighting** – Additional lighting allowances can be made for display lighting for certain tasks & occupancies. Please provide the following information if your project includes display lighting and needs additional lighting allowances:
  - a. **Lighting Display Plan** – floor plans and/or interior elevations indicating location & dimensions of display areas.
  - b. **Display Light Fixtures** – Indicate both ceiling heights and light fixture mounting heights in each room where display lighting occurs.

**Disclaimer:** KB Energy Consulting, LLC (KBEC) is providing Title 24 documentation services only, based on plans & specifications provided by you or others. Our services and reporting shall, in no manner, be deemed to constitute “design”, “specification”, or “construction” services, and they shall not be used for design, specification, or any other purpose.