

LPD Tool Reference- Version 10

Active Starting July 2019

Incentives

Incentives are calculated in the Summary tab so you know what the project should be eligible for. Incentives are only available for qualified LED fixtures when the overall interior design is 25% better (lower) and the exterior design is 50% better (lower) than the Energy Code. If these parameters are met, the standard fixture rebates are applied in the incentive calculator

Smartlight Incentives

The following LED fixtures previously eligible for incentives through the Commercial New Construction program will now be eligible for an instant rebate when purchased through Smartlight starting 7/1/19*:

- DLC LED Interior Fixtures: Surface/Suspended Linear Fixtures, Low- and High-Bay Fixtures
- DLC LED Exterior Fixtures: Area Fixtures, Bollard Fixtures, Outdoor Flood and Spot Light Fixtures, Soffit Lighting
- (Already in Smartlight: DLC Troffer Fixtures, ENERGY STAR Screw- or Pin-Based LED Lamps, ENERGY STAR LED Fixtures)

Important eligibility information:

- Small projects (250 products* or less) can receive rebates instantly when purchasing from a Smartlight participating distributor.
- Large projects (over 250 products*) or projects not purchasing from a Smartlight participating distributor will receive incentives for eligible lighting equipment through the Commercial New Construction program.

*Product = any lighting fixture or control product that is eligible for an Efficiency Vermont rebate

All fixtures must be included in the lighting power calculation, which is required for all commercial new construction projects. If a customer has received a rebate for fixtures purchased through the Smartlight program, those fixture incentive amounts will be subtracted from the total incentive calculated in the LPD Tool. Incentives for all other qualifying LED fixtures will continue to be calculated and provided through the LPD tool for projects enrolled in the Commercial New Construction program.

IMPORTANT: the updated version of the tool (Version 10) should be used for any project purchasing products on or after 7/1/19.

Building Area Method Controls

Only controls that exceed the energy code requirements need to be added to the LPD Tool. Most spaces are required by the energy code to have occupancy sensors including:

- Enclosed offices
- Classrooms

- Conference/meeting rooms
- Restrooms/locker rooms
- Storage and Janitor rooms
- Warehouses

In the Building Area Method Tab, if you scroll to the right and select “Yes” that there are controls exceeding code, a new tab will open called “5 – BAM Controls.” Input the number of occupancy, daylighting and dimming controls and the fixtures that will be controlled by each.

Control Definitions

- **Integrated dual control** is built into a new LED fixture and controls lights based on occupancy and daylight.
- **Fixture-mounted dual control** operates the same as integrated but the controller is added onto the fixture after installation. It does not come from the factory with the control.
- **Verified daylighting** means it has been proven that daylight reaches the sensor where it is installed and can modulate light levels based on daylighting entering the space.
- **Operational tested** includes commissioning of the controls to validate functionality.

Track Lighting

Fixture Schedule Tab, select any track lighting in ‘Lamp Type’ column first, then select ‘Fixture Specifications’ of:

1. Screw Based Track Lamps
2. LED Track Fixture (DLC Rated)
3. LED Track Fixture (ENERGY STAR Rated)

Daylighting

1. Space by Space Tab, a note in column CN states: “Lights included within daylighting zones are required to be controlled by daylighting controls (Code Section C405.2.3). See Daylighting Diagram Tab for reference on measuring daylighting zones”.
2. Daylight Zone Diagram Tab to help determine the daylight zones from each window, skylight or rooftop monitor. Diagrams are from the 2015 CBES Section C405.2.3