

2019



# InvestSmart Business Energy Upgrades Lighting Equipment Catalog

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## 1 Lighting Improvement Measures

This Equipment Catalog describes the eligibility requirements and rebate amounts for qualifying Lighting technologies under the InvestSmart Business Energy Upgrades. It also includes information regarding any required additional documentation. JEA provides rebates for many types of energy efficient technologies. Please read the following sections carefully to ensure that you purchase and install qualifying equipment.

In order to be eligible for rebates through InvestSmart, all equipment must meet the following requirements:

- Equipment must be new and installed in a manner that meets or exceeds code regulations and adheres to industry standards.
- Equipment may be installed in retrofit applications.
- Replaced equipment must be disposed of in accordance with local, state, or federal codes and regulations and cannot be re-installed elsewhere.
- Rebates will be capped at 50% net customer cost and a possible rebate buy-down to a simple payback of no less than 1 year. Rebates will be capped at \$100,000 per customer per program year.

Pre-qualification of Business Energy Upgrades eligible measures is required for **retrofit lighting equipment and occupancy sensors**. Additional eligibility and submittal requirements for **Lighting** technologies are outlined in this Equipment Catalog.

For more information about rebates, eligibility requirements, rebate levels, other JEA energy efficiency programs, or general inquiries, visit [jea.com/investsmart](http://jea.com/investsmart), email [jeaefficiencyrebates@nexant.com](mailto:jeaefficiencyrebates@nexant.com), or contact the Customer Service Center at 888-345-4609.

### 1.1 Lighting

#### Measure Description:

InvestSmart offers rebates for qualifying lighting equipment and energy efficiency improvements. The eligibility requirements and rebate levels for lighting equipment are described below.

#### Applicability:

Rebates are available for lighting equipment installed as part of a retrofit project. Lighting retrofit project applicants must submit a Lighting Workbook prior to equipment purchase and installation.

#### Eligibility:



Lighting equipment that results in a verifiable installed wattage reduction is eligible for a rebate, provided that the following criteria are met:

**Retrofit Lighting:**

- LED light fixtures must be qualified as Premium Design Light Consortium (DLC) or Energy Star. The list of DLC qualified products are found in the following web site [www.designlights.org/QPL](http://www.designlights.org/QPL) New DLC qualifying equipment must be DLC Premium. DLC standard is not acceptable.
- LED lighting must be a complete replacement of existing lighting. Screw-in LEDs and type A, B, and C LED lighting retrofits are not acceptable.
- **Ineligible Lighting Measures:**
  - New construction
  - Measures with energy savings due solely to behavioral changes.
  - T12 fluorescent lighting.
  - Incandescent and screw-in compact fluorescent lamps (CFLs)
  - A,B,C LED retrofits or screw in LED lamps
  - Standard metal halide, mercury vapor, or any high pressure sodium lighting.
  - De-lamping without upgrading to qualifying lighting equipment.
  - Pin based LED replacing compact fluorescent using fluorescent ballasts
  - Exit sign replacement

**Items to submit prior to equipment purchase and installation:**

- Lighting Workbook.

**Items to submit after equipment purchase and installation:**

- Lighting Workbook (if project scope changed from the original submittal).
- Dated sales receipt or detailed invoice indicating the total project cost, differentiating the labor and material. (Please note: JEA reserves the right to cancel any project that has not submitted all required supporting documentation within 90 days of the receipt of the initial lighting workbook.)

**Instructions for Rebate Application:**

The application process for **Lighting** measures is not the same as the application submittal for the Standard Measures in the other Equipment Catalogs: HVAC Equipment; Refrigeration Equipment; Cool Roof and Window Film; and Water Heating Equipment. Lighting projects require the submittal of a Lighting Workbook which can be obtained by contacting InvestSmart with JEA at [jeaefficiencyrebates@nexant.com](mailto:jeaefficiencyrebates@nexant.com), or 888-345-4609 or a participating Trade Ally. Follow the instructions accompanying the spreadsheet to determine the electrical reduction and rebate amount expected from your lighting project.



**Measure Rebate:**

- Rebates for lighting equipment are paid at \$0.12 per watt of reduced installed wattage. The Lighting Workbook computes the wattage reduction when the required product (existing and proposed) information is entered into the spreadsheet. Rebates will be capped at 50% net customer cost and a possible rebate buy-down to a simple payback of no less than 1 year. Rebates will be capped at \$100,000 per customer per program year.

## 1.2 Occupancy Sensors

**Measure Description:**

Lighting occupancy sensors can reduce electrical energy consumption by turning off lighting equipment when occupants are not present.

**Applicability:**

Retrofit installations, where not required by ASHRAE 90.1-2004, are eligible.

**Eligibility:**

Incentives will be offered to customers installing lighting controls as a part of retrofit projects provided the measures meet the following requirements:

- Sensors must be new and installed in a manner that meets or exceeds code regulations
- Sensors or control must be hard-wired and permanently installed (no plug-based sensors)
- Installations must comply with manufacturer's guidelines on coverage and maximum controlled watts

The eligibility criteria for lighting occupancy sensors are:

- Sensors can be passive infrared, ultrasonic, or dual-technology
- Wall or fixture mounted sensors must control a minimum of 200 watts
- Ceiling mounted sensors must control a minimum of 400 watts
- Sensors or installations with the ability to disable sensor function (other than for maintenance) are NOT eligible

**Items to submit prior to equipment purchase and installation:**

- Lighting Workbook

**Items to submit after equipment purchase and installation:**

- Lighting Workbook (if project scope changed from the original submittal)
- Dated sales receipt or detailed invoice indicating the total project cost, differentiating the labor and material. (Please note: JEA reserves the right to cancel any project that has not submitted all required supporting documentation within 90 days of the receipt of the initial lighting workbook.)
- Manufacturer's equipment specification sheet demonstrating compliance with equipment eligibility requirements

**Instructions for Rebate Application:**

The application process for **Lighting** measures is not the same as the application submittal for the Standard Measures in the other Equipment Catalogs: HVAC Equipment; Refrigeration Equipment; Cool Roof and Window Film; and Water Heating Equipment. Lighting projects require the submittal of a Lighting Workbook which can be obtained by contacting InvestSmart with JEA at [jeaefficiencyrebates@nexant.com](mailto:jeaefficiencyrebates@nexant.com), or 888-345-4609, or a participating Trade Ally. Follow the instructions accompanying the spreadsheet to determine the electrical reduction and rebate amount expected from your lighting project.

**Measure Rebate:**

Rebate amounts for qualifying occupancy sensors are located in the following **Table 1-1**.

Measure	Rebate
Switch-Mounted or Fixture Mounted Lighting Occupancy Controls (Infrared or Dual Technology)	\$10/sensor
Ceiling-Mounted Lighting Occupancy Controls (Infrared or Dual Technology)	\$20/sensor

**Table 1-1 Lighting Controls Rebate Amounts**