

# Custom Lighting Measure Entry Instructions

How to Enter a Custom Lighting Project

## Step 1: Complete Measure Information

Name:

- Enter a descriptive project name.

Measure Type:

- Select Custom Lighting from the Measure Type drop-down menu.

Existing Description:

- Describe the existing LED equipment being replaced.
- Include wattage and fixture type.

Example:

- Existing 400W Metal Halide Fixture

Existing Location:

- Enter the location within the facility.

Example:

- Sales Floor
- Warehouse
- Parking Lot

Recommendation Description:

- Describe the proposed replacement equipment.

Example:

- New 150W LED Area Light

Recommendation Comments: Include:

- Existing wattage
- Proposed wattage
- Operating hours
- Quantity of fixtures

Example:

- Existing 400W metal halide, replacement 150W LED, 100 operating hours/week, 20 fixtures.

## Step 2: Calculate Annual Savings

Calculate Wattage Reduction

Existing Wattage – Replacement Wattage = Watt Reduction

Example:

$$400W - 150W = 250W$$

$$250W \div 1000 = 0.250 \text{ kW}$$

Calculate Total kW Reduced

kW Reduction  $\times$  Quantity

Example:

$$0.250 \times 20 \text{ fixtures} = 5.00 \text{ kW Reduced}$$

### Calculate Annual kWh Savings

$\text{kW Reduced} \times \text{Weekly Operating Hours} \times 52 \text{ Weeks}$

Example:

$5.00 \times 100 \times 52 = 26,000 \text{ Annual kWh Savings}$

Enter:

- kWh Annual Savings: 26,000
- kW Reduced: 5.00