

## T-LED Guidelines

LED Linear Replacement Lamps Type **Eligible**  
External Driver Lamp-Style Retrofit Kits (UL Type C) qualified by DLC

External Driver Lamp-Style Retrofit Kits (UL Type C): **Eligible**

- Must employ lamp holders to connect to the fixture being retrofitted
- Cannot operate off the existing fluorescent ballast
- require rewiring of the existing fixture to replace the ballast with an external driver
- wired to receive only the low-voltage electricity supplied by the external driver

Oncor will pay incentives on External Driver Lamp-Style Retrofit Kits (UL Type C) qualified by DLC:

Two-foot, three-foot, four-foot, eight-foot, and U-bend LED "tubes" designed to replace two-foot, three-foot, four-foot, eight-foot, and U-bend fluorescent lamps, respectively.

Products in this category employ lamp holders to connect to the fixture being retrofitted, do not operate utilizing the existing fluorescent ballast, and require rewiring of the existing fixture to replace the ballast with an external driver.

The lamp holders are then wired to receive only the low-voltage electricity that is supplied by that external driver.

When multiple fixtures have one ballast converting to one driver it will be considered as one fixture.

Incentives for Type "C" LED tubes is paid per fixture and not based on kW and kWh savings. Oncor will pay a flat \$6.00 per fixture for DLC qualified Type "C" LED Tubes\*. The SP must show the total wattage of the fixture based on the number of tubes multiplied by the DLC rated wattage. Example: the fixture has 3 LED Type "C" tubes rated at 15 watts per tube the fixture code would be shown as LED045-TUBE. The total

wattage must be less than the fixture it is replacing and/or the total wattage of the room represented on the line in the E-1 file.

The DLC testing and reporting requirements are intended to evaluate the performance of the lamp itself, and its performance in an appropriate fixture, representative of the application for each fluorescent replacement lamp type is to be used. The fixture must be designed for the application it is installed whether indoor or outdoor.

\*Typical fixture and screw-in lamp replacements are paid based on kW and kWh reductions and an additional 15% payment for all Projects, calculated on a site basis, outside the five-county Metroplex area. The Metroplex area includes Dallas, Tarrant, Rockwall, Denton, and Collin counties. This additional adder does not apply to tube LEDs.

**LED Linear Replacement Lamps types Not Eligible**

**Replacement Lamps (UL Type A): Non-Eligible**

- can operate off an existing fluorescent ballast
- do not require mechanical or electrical changes to the fixture

**Internal Driver/Line Voltage Lamp-Style Retrofit Kits (UL Type B): Non-Eligible**

- do not operate off the existing fluorescent ballast.
- require rewiring of the existing fixture to bypass the ballast and send line voltage directly to the lamp holders

**Dual Mode Internal Driver (UL Type A and Type B): Non-Eligible**

- operate off the existing fluorescent ballast
- also have the ability to operate off of line voltage if the troffer is rewired to bypass the ballast

**Incentive will only be paid for replacing fluorescent lamps to TLED lamps and ballast to drivers.**

**Like for like lamps replacements are considered maintenance and are not eligible for incentives.**