

Commercial & Industrial Lighting Incentives

Existing Buildings, Production Efficiency
and Multifamily Buildings

Program Information | 190L



Incentives for Energy Efficient Lighting (Effective February 1, 2018)

Energy Trust offers cash incentives to help you implement qualifying energy efficient lighting measures in eligible existing buildings. If you are interested in applying for incentives listed, contact us using the information located at the bottom of the page.

To apply for lighting incentives, projects must (1) be submitted to Energy Trust for review and pre-qualification before any equipment purchase or installation activity begins; and (2) be pre-qualified for at least \$100 in incentive funding.

It is important that you contact us for a project review before making purchases or taking other steps that may cause your project to be ineligible for incentives. Additional requirements apply. Program details, including incentives, are subject to change and budget availability. To learn more about Energy Trust's available offers and incentives, visit our website at www.energytrust.org.

Lighting Project Specifications & Requirements

The following lists provide technical specifications for certain lighting products. Not all products listed qualify for Energy Trust incentives. To qualify for incentives, products and measure installations must also pass Energy Trust cost-effectiveness criteria and meet other program requirements. Contact us for details.

- Proposed LED products must be on the appropriate Qualified Product List (QPL), as indicated below, and under the appropriate categorization to be eligible for incentives:
 - QPL for LED fixtures (except recessed canister downlights) and some LED retrofit lamps - Design Lights Consortium (DLC): <http://www.designlights.org/QPL>
 - QPL for LED recessed canister downlights & other (Certified Light Fixtures) – ENERGY STAR®: <http://www.energystar.gov/productfinder/product/certified-light-fixtures/>
 - QPL for LED lamps (Certified Light Bulbs)– ENERGY STAR®: <http://www.energystar.gov/productfinder/product/certified-light-bulbs/>
- Certain products with additional sizes or attributes outside of the QPL categories or specifications above may also qualify, contact us with questions.

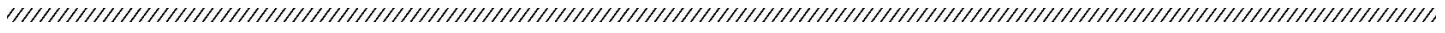
The following requirements apply to lighting projects:

- Energy Trust may require access to perform an on-site review of any project seeking Energy Trust incentives at any point during the project cycle in order to verify incentive eligibility.
- Ballasts and drivers must be compatible with proposed lamps.
- Lighting measures are reviewed in relation to Illuminating Engineering Society (IES) recommendations for minimum light levels and appropriate ratios for the customer's space type and functions. If light levels appear to meet minimum IES recommendations and the specified lighting wattages exceed the measure specifications listed below, then any decision as to whether a specified measure qualifies for prescriptive or custom incentives rests solely with Energy Trust.
- TLED:
 - Trade ally (or installer) must verify the conditions of existing lamp sockets and replace damaged, corroded, and/or cracked lamp sockets.
 - External Driver TLED (TYPE C) versions: labeling is recommended to indicate the fixture has been retrofitted with a TLED and fluorescent lamps should not be installed as replacements.
 - Internal Driver TLED (TYPE A, B, and A/B) versions: label must be affixed in a prominent location on the interior of the fixture in compliance with UL requirements. The label must indicate the fixture has been retrofitted with TLED and fluorescent lamps should not be installed as replacements.
- Lighting measure installations that do not meet industry standards or other Energy Trust program requirements, as determined solely by Energy Trust, will not qualify for incentives. Final determination of eligibility for Energy Trust incentives rests with Energy Trust.
- The maximum incentive provided by Energy Trust for any prescriptive measure will never exceed 50% of total eligible measure cost.

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Section 1	Custom Lighting Controls and Lighting Upgrades
<p>If you are considering a lighting retrofit or upgrade project and do not see your equipment listed on this information sheet, contact us to discuss whether your project (including lighting controls) may qualify for custom incentives from Energy Trust. To be eligible for custom incentives, proposed custom lighting measures must be reviewed and pre-qualified in advance by Energy Trust and must also pass a custom cost-effectiveness analysis. Contact the program for more information.</p> <ul style="list-style-type: none"> The maximum incentive provided by Energy Trust for any custom lighting measure will never exceed 25¢ per kWh saved or 50% of total eligible measure cost. Custom incentives are not available for certain proposed technologies, such as, manual controls, TLED, linear fluorescent, compact fluorescent (CFL), CFL to LED retrofit lamps, HID to LED retrofit lamps, mercury vapor, incandescent, fluorescent induction, high pressure sodium (HPS), or metal halide (MH). All lighting and lighting controls used for horticulture are required to use the custom lighting calculation. Linear fluorescent and TLED used for horticulture are eligible for custom incentives. 	

Section 2	LED Lamps replacing screw-in incandescent only unless noted.		
<i>Example application: Replace incandescent track head PAR lamp with screw-base LED replacement PAR lamp</i>			
Measure Description	Incentive		103L Analysis Drop Down Selections
LED lamp with integral driver, less than 20 watts (PAR/R/MR)	\$ 8	per lamp	LED_Lamps LED lamp <20W (PAR/R/MR)
LED lamp with integral driver 20-40 watts (PAR/R/MR)	\$ 13	per lamp	LED_Lamps LED lamp 20-40W (PAR/R/MR)
LED candelabra or globe, greater than 2 watts	\$ 4	per lamp	LED_Lamps LED small screw-base candelabra lamp
			LED_Lamps LED globe screw-in lamp
LED A-Lamp	\$ 4	per lamp	LED_Lamps LED A-Lamp
CFL to pin base LED operating with existing ballast or removing ballast and 40% minimum savings per lamp	\$ 2	per lamp	LED_Lamps CFL to pin base LED
<ul style="list-style-type: none"> Specialty/decorative LED lamps \leq 2 watts are exempt from the QPL requirement and will be reviewed on a case-by-case basis as a custom lighting measure (see Section 1). A minimum warranty of 3 years is required. 			

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Section 3	HID to LED screw-in retrofit lamps				
	<ul style="list-style-type: none"> • Omni-directional, directional, and high-bay screw-in lamps to retrofit existing HID • Lamps using HID ballasts are not eligible for incentives. Ballasts must be removed. 				
<i>Example application: 250-watt metal halide high-bay fixture converted to 100-watt screw-in LED lamp with old ballast removed and connected to line voltage.</i>					
Measure Description	Incentive		103L Analysis Drop Down Selections		
HID to LED Screw-in, 35-74W retrofit lamp with 50% minimum wattage savings	\$ 20	per proposed lamp	<table border="1" style="width: 100%;"> <tr> <td style="background-color: #ffffcc;">LED_Lamps</td> <td style="background-color: #ffffcc;">HID to LED Screw-in, 35-74W</td> </tr> </table>	LED_Lamps	HID to LED Screw-in, 35-74W
LED_Lamps	HID to LED Screw-in, 35-74W				
HID to LED Screw-in, 75-179W retrofit lamp with 50% minimum wattage savings	\$ 40	per proposed lamp	<table border="1" style="width: 100%;"> <tr> <td style="background-color: #ffffcc;">LED_Lamps</td> <td style="background-color: #ffffcc;">HID to LED Screw-in, 75-179W</td> </tr> </table>	LED_Lamps	HID to LED Screw-in, 75-179W
LED_Lamps	HID to LED Screw-in, 75-179W				
HID to LED Screw-in, 180-279W retrofit lamp with 50% minimum wattage savings	\$ 50	per proposed lamp	<table border="1" style="width: 100%;"> <tr> <td style="background-color: #ffffcc;">LED_Lamps</td> <td style="background-color: #ffffcc;">HID to LED Screw-in, 180-279W</td> </tr> </table>	LED_Lamps	HID to LED Screw-in, 180-279W
LED_Lamps	HID to LED Screw-in, 180-279W				
HID to LED Screw-in, 280-400W retrofit lamp with 50% minimum wattage savings	\$60	per proposed lamp	<table border="1" style="width: 100%;"> <tr> <td style="background-color: #ffffcc;">LED_Lamps</td> <td style="background-color: #ffffcc;">HID to LED Screw-in, 280-400W</td> </tr> </table>	LED_Lamps	HID to LED Screw-in, 280-400W
LED_Lamps	HID to LED Screw-in, 280-400W				
<ul style="list-style-type: none"> • Omni-directional lamps must be used in omni-directional fixtures such as a post-top globe. Directional lamps must be used in directional fixtures such as shoeboxes, wallpacks and downlights 					

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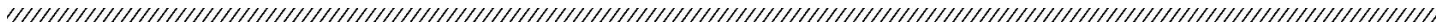
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Section 4	TLED Retrofit <ul style="list-style-type: none"> • T8 or T5 TLED diameters replacing any existing technology. • If replacing fluorescent, existing ballasts must be removed or replaced. 																
<i>Example application: T8 four-lamp recessed troffer to TLED tubes with dedicated driver.</i>																	
Measure Description	Incentive		103L Analysis Drop Down Selections														
TLED Replacing any existing technology, removing existing ballast, replacing with new T8 or T5 ballast, line voltage TLED, or dedicated driver TLED, and achieving 40% minimum fixture wattage savings	\$1.00	per proposed linear foot	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">TLED</td><td>2' TLED lamp (T5 excluded)</td></tr> <tr><td style="text-align: center;">TLED</td><td>3' TLED lamp</td></tr> <tr><td style="text-align: center;">TLED</td><td>4' TLED lamp</td></tr> <tr><td style="text-align: center;">TLED</td><td>5' TLED lamp</td></tr> <tr><td style="text-align: center;">TLED</td><td>6' TLED lamp</td></tr> <tr><td style="text-align: center;">TLED</td><td>8' TLED lamp</td></tr> <tr><td style="text-align: center;">TLED</td><td>U-Bent TLED lamp (4' bent to fit 2')</td></tr> </table>	TLED	2' TLED lamp (T5 excluded)	TLED	3' TLED lamp	TLED	4' TLED lamp	TLED	5' TLED lamp	TLED	6' TLED lamp	TLED	8' TLED lamp	TLED	U-Bent TLED lamp (4' bent to fit 2')
TLED	2' TLED lamp (T5 excluded)																
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TLED	6' TLED lamp																
TLED	8' TLED lamp																
TLED	U-Bent TLED lamp (4' bent to fit 2')																
<ul style="list-style-type: none"> • 2' size only T5 TLED are not eligible for incentives. • TLEDs incentives based on proposed lamp quantities • TLEDs using existing T8 or T5 ballast, see Section 8 "Relamp" • TLEDs using existing or operating T12 ballasts are not eligible for incentives • New fixtures or kits using TLEDs are incentivized as TLEDs only • TLEDs are not eligible for custom incentives (except for horticulture use). Contact the program for more information. 																	

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Section 5		Interior LED Fixtures			
<ul style="list-style-type: none"> Retrofit and new fixture options, ballasts & lamp sockets removed 					
<i>Example application: T12 four-lamp recessed troffer to high performance LED retrofit kit.</i>					
Measure Description	Incentive		103L Analysis Drop Down Selections		
Recessed Canister Downlight 30W or less retrofitting or replacing existing incandescent	\$15	per fixture	<table border="1"> <tr> <td>LED_Interior_Fixtures</td> <td>Recessed Canister Downlight</td> </tr> </table>	LED_Interior_Fixtures	Recessed Canister Downlight
LED_Interior_Fixtures	Recessed Canister Downlight				
LED fixture or kit, 25W or less 60% minimum wattage savings per measure line required	\$ 20	per proposed fixture	<table border="1"> <tr> <td>LED_Interior_Fixtures</td> <td>LED fixture or kit, 25W or less</td> </tr> </table>	LED_Interior_Fixtures	LED fixture or kit, 25W or less
LED_Interior_Fixtures	LED fixture or kit, 25W or less				
LED fixture or kit, 26-39W 60% minimum wattage savings per measure line required	\$25	per proposed fixture	<table border="1"> <tr> <td>LED_Interior_Fixtures</td> <td>LED fixture or kit, 26-39W</td> </tr> </table>	LED_Interior_Fixtures	LED fixture or kit, 26-39W
LED_Interior_Fixtures	LED fixture or kit, 26-39W				
LED fixture or kit, 40-57W 60% minimum wattage savings per measure line required	\$30	per proposed fixture	<table border="1"> <tr> <td>LED_Interior_Fixtures</td> <td>LED fixture or kit, 40-57W</td> </tr> </table>	LED_Interior_Fixtures	LED fixture or kit, 40-57W
LED_Interior_Fixtures	LED fixture or kit, 40-57W				
LED fixture or kit, 58-100W 60% minimum wattage savings per measure line required	\$40	per proposed fixture	<table border="1"> <tr> <td>LED_Interior_Fixtures</td> <td>LED fixture or kit, 58-100W</td> </tr> </table>	LED_Interior_Fixtures	LED fixture or kit, 58-100W
LED_Interior_Fixtures	LED fixture or kit, 58-100W				
<ul style="list-style-type: none"> Existing single-lamp fluorescent fixture applications must use custom incentive calculation under Section 1 					

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Section 6	High-bay <ul style="list-style-type: none"> • Non screw-in only 				
<i>Example application: Replace 400W MH high-bay with a 150W LED high-bay</i>					
Measure Description	Incentive		103L Analysis Drop Down Selections		
LED High-Bay, 40-90W 40% minimum wattage savings per measure line required	\$80	per proposed fixture	<table border="1"> <tr> <td>LED_High_Bay</td> <td>LED High-Bay, 40-90W</td> </tr> </table>	LED_High_Bay	LED High-Bay, 40-90W
LED_High_Bay	LED High-Bay, 40-90W				
LED High-Bay, 91-140W 40% minimum wattage savings per measure line required	\$140	per proposed fixture	<table border="1"> <tr> <td>LED_High_Bay</td> <td>LED High-Bay, 91-140W</td> </tr> </table>	LED_High_Bay	LED High-Bay, 91-140W
LED_High_Bay	LED High-Bay, 91-140W				
LED High-Bay, 141-299W 40% minimum wattage savings per measure line required	\$170	per proposed fixture	<table border="1"> <tr> <td>LED_High_Bay</td> <td>LED High-Bay, 141-299W</td> </tr> </table>	LED_High_Bay	LED High-Bay, 141-299W
LED_High_Bay	LED High-Bay, 141-299W				
LED High-Bay, 300W or greater 40% minimum wattage savings per measure line required	\$220	per proposed fixture	<table border="1"> <tr> <td>LED_High_Bay</td> <td>LED High-Bay, 300W or greater</td> </tr> </table>	LED_High_Bay	LED High-Bay, 300W or greater
LED_High_Bay	LED High-Bay, 300W or greater				
<ul style="list-style-type: none"> • Proposed fixtures must be QPL listed in the high-bay category • See Section 3 for HID to LED screw-in retrofit lamp incentives 					

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Section 7	Exterior Pole/Arm-mounted Area Luminaires, Exterior Wall-mounted Area Luminaires, Parking Garage Luminaires, Fuel Pump Canopy, and Architectural Flood/Spot Lighting <ul style="list-style-type: none"> • Non screw-in only 				
<i>Example application: Replace 70 watt HID wall pack with 30 watt LED wall pack</i>					
Measure Description	Incentive		103L Analysis Drop Down Selections		
Recessed Canister Downlight (exterior)	See custom - Section 1		<table border="1"> <tr> <td style="background-color: #ffffcc;">LED_Exterior_Fixtures</td> <td style="background-color: #ffffcc;">Recessed Canister Downlight</td> </tr> </table>	LED_Exterior_Fixtures	Recessed Canister Downlight
LED_Exterior_Fixtures	Recessed Canister Downlight				
Exterior LED fixture, 20W or less 60% minimum wattage savings per measure line required	\$40	per proposed fixture	<table border="1"> <tr> <td style="background-color: #ffffcc;">LED_Exterior_Fixtures</td> <td style="background-color: #ffffcc;">Exterior LED fixture, 20W or less</td> </tr> </table>	LED_Exterior_Fixtures	Exterior LED fixture, 20W or less
LED_Exterior_Fixtures	Exterior LED fixture, 20W or less				
Exterior LED fixture, 21-40W 60% minimum wattage savings per measure line required	\$60	per proposed fixture	<table border="1"> <tr> <td style="background-color: #ffffcc;">LED_Exterior_Fixtures</td> <td style="background-color: #ffffcc;">Exterior LED fixture, 21-40W</td> </tr> </table>	LED_Exterior_Fixtures	Exterior LED fixture, 21-40W
LED_Exterior_Fixtures	Exterior LED fixture, 21-40W				
Exterior LED fixture, 41-90W 60% minimum wattage savings per measure line required	\$100	per proposed fixture	<table border="1"> <tr> <td style="background-color: #ffffcc;">LED_Exterior_Fixtures</td> <td style="background-color: #ffffcc;">Exterior LED fixture, 41-90W</td> </tr> </table>	LED_Exterior_Fixtures	Exterior LED fixture, 41-90W
LED_Exterior_Fixtures	Exterior LED fixture, 41-90W				
Exterior LED fixture, 91-140W 60% minimum wattage savings per measure line required	\$140	per proposed fixture	<table border="1"> <tr> <td style="background-color: #ffffcc;">LED_Exterior_Fixtures</td> <td style="background-color: #ffffcc;">Exterior LED fixture, 91-140W</td> </tr> </table>	LED_Exterior_Fixtures	Exterior LED fixture, 91-140W
LED_Exterior_Fixtures	Exterior LED fixture, 91-140W				
Exterior LED fixture, 141-299W 50% minimum wattage savings per measure line required	\$220	per proposed fixture	<table border="1"> <tr> <td style="background-color: #ffffcc;">LED_Exterior_Fixtures</td> <td style="background-color: #ffffcc;">Exterior LED fixture, 141-299W</td> </tr> </table>	LED_Exterior_Fixtures	Exterior LED fixture, 141-299W
LED_Exterior_Fixtures	Exterior LED fixture, 141-299W				
Exterior LED fixture, 300W or greater 50% minimum wattage savings per measure line required	\$320	per proposed fixture	<table border="1"> <tr> <td style="background-color: #ffffcc;">LED_Exterior_Fixtures</td> <td style="background-color: #ffffcc;">Exterior LED fixture, 300W or greater</td> </tr> </table>	LED_Exterior_Fixtures	Exterior LED fixture, 300W or greater
LED_Exterior_Fixtures	Exterior LED fixture, 300W or greater				
<ul style="list-style-type: none"> • Street/roadway lighting is not included here - see PI 190SL-Street Light Addendum. 					

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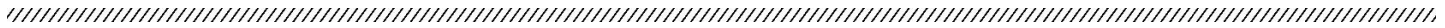
Section 8	Relamp Only: Existing Linear Fluorescent Fixture		
	<ul style="list-style-type: none"> No ballast change out required 		
<i>Example application: 32-watt T8 lamps replaced by 15 watt TLEDs. No ballast change out required.</i>			
Measure Description	Incentive		103L Analysis Drop Down Selections
TLED (relamp) T8 or T5 diameter TLED replacing existing fluorescent, operating on existing ballast, and achieving 40% minimum wattage savings per measure line.	\$0.50	per proposed linear foot	Relamp 2' TLED lamp using existing fluorescent ballast (T5 excluded)
			Relamp 3' TLED lamp using existing fluorescent ballast
			Relamp 4' TLED lamp using existing fluorescent ballast
			Relamp 5' TLED lamp using existing fluorescent ballast
			Relamp 6' TLED lamp using existing fluorescent ballast
			Relamp 8' TLED lamp using existing fluorescent ballast
			Relamp U-Bent TLED (lamp 4' to fit 2') using existing fluorescent ballast
			<ul style="list-style-type: none"> 2' size only T5 TLED are not eligible for incentives. TLEDs using existing or operating on T12 ballasts are not eligible for incentives TLEDs are not eligible for custom incentives (except for horticulture use). Contact the program for more information.

Section 9	Exit Signs				
Measure Description	Incentive		103L Analysis Drop Down Selections		
New Exit Sign, LED (must replace incandescent versions)	\$ 20	per replaced fixture	<table border="1"> <tr> <td>Exit_Sign</td> <td>New Exit Sign, LED</td> </tr> </table>	Exit_Sign	New Exit Sign, LED
Exit_Sign	New Exit Sign, LED				

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Section 10		Lighting Controls	
<ul style="list-style-type: none"> Controlling loads of 30W or more 			
<i>Example application: Integral warehouse aisle occupancy sensor mounted on T5, LED, or T8 High Bay fixture</i>			
Measure Description	Incentive		103L Controls Tabs Drop Down Selections
Custom control or system. Control devices on connected load less than 30W, or other control or system not detailed here (multi-input control system, advanced controls, LLLC, networked lighting controls)	See custom - Section 1		Custom control or system
Vacancy Sensor (manual on), Wall Switch. (interior)(auto-on version is not eligible for incentives)	\$ 35	per sensor	Vacancy Sensor (manual on), wall switch
Occupancy Sensor, fixture mount (interior) Control loads, 30-149W	\$ 30	per sensor	Occupancy Sensor, fixture mount, 30-149W
Occupancy Sensor, fixture mount (interior) Control loads 150W or greater	\$30	per sensor	Occupancy Sensor, fixture mount, 150W or greater
Occupancy Sensor, ceiling/corner/ surface mount (interior) (hard-wired or wireless), control loads 150W or greater	\$ 105	per sensor	Occupancy Sensor, ceiling/corner/surface mount, control load 150W or greater
Exterior Occupancy Sensor, fixture or pole mounted (wired or wireless), must reduce fixture wattage by at least 50% of proposed fixture wattage in unoccupied mode using dimming, step, bi-level, or on/off, control loads 30-59W	\$ 20	per sensor	Exterior occupancy sensor, fixture or pole mounted, 30-59W
Exterior Occupancy Sensor, fixture or pole mounted (wired or wireless), must reduce fixture wattage by at least 50% of proposed fixture wattage in unoccupied mode using dimming, step, bi-level, or on/off, control loads 60W or greater	\$ 30	per sensor	Exterior occupancy sensor, fixture or pole mounted, 60W or greater

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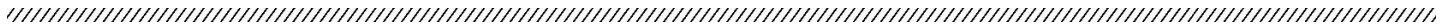


Section 11	LED Cooler/Freezer Lighting • LED fixtures must be on DLC product list in refrigerated categories			
LED Display Case Lighting	Measure Description	Estimated Savings	Incentive	
Motion Sensor, on Low Power LED	<ul style="list-style-type: none"> On LED cases, side bar (single) Reach-in or open display cases¹ 	10 KWh per linear ft of fixture	\$2	per linear ft of fixture
Motion Sensor, on High Power LED	<ul style="list-style-type: none"> On LED cases, mullion bar (double) Reach-in or open display cases¹ 	18 KWh per linear ft of fixture	\$4	per linear ft of fixture
Single Row T8 Low Power LED (Medium Temp Case)	<ul style="list-style-type: none"> Replace T8 with LED side bar (single) Inside reach-in or open display cases² 	49 KWh per linear ft of fixture	\$10	per linear ft of fixture
Single Row T12 Low Power LED (Medium Temp Case)	<ul style="list-style-type: none"> Replace T12 with LED side bar (single) Inside reach-in or open display cases² 	83 KWh per linear ft of fixture	\$10	per linear ft of fixture
Double Row T8 High Power LED (Medium Temp Case)	<ul style="list-style-type: none"> Replace T8 with LED mullion (double) Inside reach-in or open display cases² 	110 KWh per linear ft of fixture	\$20	per linear ft of fixture
Double Row T12 High Power LED (Medium Temp Case)	<ul style="list-style-type: none"> Replace T12 with LED mullion (double) Inside reach-in or open display cases² 	177 KWh per linear ft of fixture	\$20	per linear ft of fixture
Single Row T8 Low Power LED (Medium Temp Case or Low Temp Case)	<ul style="list-style-type: none"> Replace T8 with LED side bar (single) On the canopy or lip of open display cases² 	36 KWh per linear ft of fixture	\$10	per linear ft of fixture
Single Row T12 Low Power LED (Medium Temp Case or Low Temp Case)	<ul style="list-style-type: none"> Replace T12 with LED side bar (single) On the canopy or lip of open display cases² 	61 KWh per linear ft of fixture	\$10	per linear ft of fixture
Double Row T8 High Power LED (Medium Temp Case or Low Temp Case)	<ul style="list-style-type: none"> Replace T8 with LED mullion (double) On the canopy or lip of open display cases² 	81 KWh per linear ft of fixture	\$20	per linear ft of fixture
Double Row T12 High Power LED (Medium Temp Case or Low Temp Case)	<ul style="list-style-type: none"> Replace T12 with LED mullion (double) On the canopy or lip of open display cases² 	130 KWh per linear ft of fixture	\$20	per linear ft of fixture
Single Row T8 Low Power LED (Low Temp Case)	<ul style="list-style-type: none"> Replace T8 with LED side bar (single) Inside reach-in or open display cases² 	68 KWh per linear ft of fixture	\$10	per linear ft of fixture
Single Row T12 Low Power LED (Low Temp Case)	<ul style="list-style-type: none"> Replace T12 with LED side bar (single) Inside reach-in or open display cases² 	115 KWh per linear ft of fixture	\$10	per linear ft of fixture

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LED Display Case Lighting	Measure Description	Estimated Savings	Incentive	
Double Row T8 High Power LED (Low Temp Case)	<ul style="list-style-type: none"> • Replace T8 with LED mullion (double) • Inside reach-in or open display cases² 	152 KWh per linear ft of fixture	\$20	per linear ft of fixture
Double Row T12 High Power LED (Low Temp Case)	<ul style="list-style-type: none"> • Replace T12 with LED mullion (double) • Inside reach-in or open display cases² 	245 KWh per linear ft of fixture	\$20	per linear ft of fixture
<p>¹ Motion Sensors – LED Case Lighting Requirements:</p> <ul style="list-style-type: none"> • Incentives are based on linear feet of LED fixture controlled by the motion sensor • Must install a motion sensor controlling permanently installed LED lighting in refrigerated reach-in case(s) • Motion sensor must reduce the lighting load to 20% or less when it senses no activity for more than one minute • Measure is applicable to LED lighting retrofits or existing LED case lighting without a motion sensor installed • Incentive and energy savings values vary based on the controlled LED luminaire power (low or high): <ul style="list-style-type: none"> ○ Low power luminaire is defined as one that uses < 4.5W/ft of fixture (single) ○ High power luminaire is defined as one using > 4.5W to < 8.5W/ft of fixture (double) <p>² LED Case Lighting Requirements:</p> <ul style="list-style-type: none"> • Incentives paid are based on linear feet of installed LED fixture. • LED fixtures must be on the Design Lights Consortium product list in refrigerated categories. 				