

# Small Business Lighting LIGHTING RETROFIT REBATE APPLICATION

For use with invoices dated  
on or after January 1, 2011

### Business Customer Information

Company name \_\_\_\_\_ Date submitted \_\_\_\_\_

Billing address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Installation address (IF DIFFERENT) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Contact name (PRINT) \_\_\_\_\_ Day phone \_\_\_\_\_ E-mail\* \_\_\_\_\_

\*By providing your e-mail address, you are granting Xcel Energy permission to send further e-mails regarding our programs and services.

Xcel Energy electric premise number 00000000000000000000

I verify the information on this application is correct and request consideration for participation in this program.

Customer signature \_\_\_\_\_ Date \_\_\_\_\_

Customer hereby certifies that: 1. the customer, and not Xcel Energy is solely responsible for the accuracy of the information contained in this application; 2. all installation is complete and operational prior to submitting rebate; and 3. all rules of this Xcel Energy program have been followed. Further, the customer acknowledges that participation in this rebate program shall impose no liability on Xcel Energy. In particular, Xcel Energy shall not be liable for the work performed by the customer's engineer, contractor, or vendor.

Xcel Energy account manager Angelica Demopoulos Date \_\_\_\_\_ E-mail ademopoulos@franklinenergy.com @xcelenergy.com

### Alternate Rebate Recipient

Note: Complete this section only if customer wants rebate check to go to someone other than the company tied to the account number.

Company name \_\_\_\_\_

Contact name \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

I authorize the above company to receive the rebate check for this project.

Customer signature \_\_\_\_\_ Date \_\_\_\_\_

### Contractor Information

Contractor name \_\_\_\_\_ Contractor contact name \_\_\_\_\_

Contractor address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Daytime phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail\* \_\_\_\_\_

\*By providing your e-mail address, you are granting Xcel Energy permission to send further e-mails regarding our programs and services.

### Facility Characteristics

Is the space air conditioned where the energy-efficient lighting will be installed?  Yes  No

Please indicate the primary use for this location:

- |                                     |  |  |   |
|-------------------------------------|--|--|---|
| <input type="checkbox"/> Office     | <input type="checkbox"/> Big Box Retail/Grocery      | <input type="checkbox"/> Healthcare office/out-patient | <input type="checkbox"/> Manufacturing                                      |
| <input type="checkbox"/> Restaurant | <input type="checkbox"/> Elementary/Secondary School | <input type="checkbox"/> Hospital                      | <input type="checkbox"/> Warehouse  |
| <input type="checkbox"/> Retail     | <input type="checkbox"/> College/University          | <input type="checkbox"/> Hotel/Motel                   | <input type="checkbox"/> Nighttime Exterior (LED canopy/soffit lights only) |
|                                     |  |  | <input type="checkbox"/> Other/Misc. _____                                  |

Does the lighting in this facility operate 24 hours a day?  Yes  No

Is the new lighting required for safety or for code requirements?  Yes  No

### INTERNAL USE ONLY – PLEASE DO NOT WRITE IN THIS SPACE

Rebate Operations \_\_\_\_\_ Date \_\_\_\_\_

Authorization \_\_\_\_\_ Date \_\_\_\_\_

### How to Apply for Rebates

1. Fill out the rebate application. Please note the Application Process section below. (All information needs to be supplied before a rebate check can be issued.)
2. Please submit the completed and signed rebate form along with paid, detailed invoices to: Franklin Energy, 1821 Blake Street, Suite 1D, Denver, CO 80202, Fax: 301-297-3358.

### Rules and Requirements

Xcel Energy provides energy-efficiency rebates for the purchase and installation of **qualifying interior lighting equipment** (and exterior canopy and soffit fixtures). Additional lighting rebates, not listed on this application, may be available through our Custom Efficiency program that requires preapproval prior to project initiation and purchase of equipment.

#### Customer Qualifications

This program applies to customers with a valid Xcel Energy commercial account in our Colorado electric service territory and whose peak electricity demand is 400kW or less. Check the Xcel Energy Web site ([xcelenergy.com/rebates](http://xcelenergy.com/rebates)) to verify eligibility. Residential customers – please contact Xcel Energy at 1-800-895-4999 to find out about residential energy efficiency programs.

#### Eligibility Requirements

- Rebate items must be installed on the Xcel Energy electric account listed on the application.
- All equipment must be new; used or rebuilt equipment is not eligible for a rebate.
- Equipment must meet specification requirements as found on page 6 and be purchased and operating prior to submitting an application for a rebate.
- A signed application and detailed installation invoice(s) must be submitted to Xcel Energy **within 12 months of the invoice date**. Invoice(s) submitted must include itemized quantity, price, manufacturers' make and model numbers, and product codes for each material item and/or original equipment manufacturer (OEM) specification sheets. Please contact Franklin Energy at 1-877-287-2250, or call our Business Solutions Center at 1-800-481-4700 for additional date restriction details.
- **Invoices must be dated on or after January 1, 2011 to qualify for rebates.**
- These rebates assume a one-for-one replacement of fixtures (in retrofit situations) that will result in energy savings.
- Rebates cannot exceed 60 percent of the project cost (including equipment and labor). The minimum rebate is \$5.
- Xcel Energy is not responsible for any lost, late, stolen, ineligible, illegible, misdirected or postage-due mail. All completed submissions become the property of Xcel Energy and will not be returned. Warning – Fraudulent submission of form may result in federal prosecution for mail fraud under 18 USC sections 1341, 1342.
- Once completed paperwork is submitted, incentive payments are usually issued in 6 to 8 weeks. Xcel Energy will issue rebates in the form of checks, not utility bill credits.
- Equipment must meet the technical requirements listed in this application form. Xcel Energy reserves the right to refuse payment for products that do not meet the requirements.

- Xcel Energy reserves the right to inspect customer facility(ies) for installation of materials listed on this rebate application and will need access to survey the installed project. Customer should keep a sample of any/all types of equipment removed for a period of three (3) months after receiving a rebate from Xcel Energy. If the inspection finds that you didn't comply with program rules and standards, any rebate you have received must be returned to Xcel Energy.
- Xcel Energy reserves the right to publicize your participation in this program, unless you specifically request otherwise.
- Xcel Energy reserves the right to refuse payment and participation if the customer or contractor violates program rules and procedures. Xcel Energy is not liable for rebates promised to customers as a result of a contractor misrepresenting the program.
- Xcel Energy recommends Illuminating Engineering Society (IES) light levels. Information can be found at [www.iesna.org](http://www.iesna.org).
- Xcel Energy's conservation rebate programs are subject to 60 days' notice of cancellation. The customer and contractor are responsible for checking with the Business Solutions Center at 1-800-481-4700 to ask whether or not the program is still in effect and to verify program parameters.

#### Application Process

Complete the application form for each installation address.

- Fill out and sign the Business Customer Information and Contractor Information (page 1) sections of the application form.
- Fill out the Lighting Replacement Options (pages 3–4) section. Please also include ballast information when required.
- Fill out the Lighting Retrofit Options Worksheet (page 5) by indicating the quantity of specific equipment removed and the quantity of newly installed equipment. Please also include ballast information when required.
- Attach a copy of the paid, itemized invoice(s). Be sure that the quantity, unit price, and make and model number of each item appear on the invoice. Refer to the invoice example on page 4 to see what information Xcel Energy needs.
- Inadequate invoice documentation or incomplete/incorrect forms will delay the rebate payment.
- Make a copy of this document for your records.
- Mail or fax forms to: Franklin Energy, 1821 Blake Street, Suite 1D, Denver CO 80202. Fax: 303-297-3358.

#### Warranty Information

Xcel Energy:

- a. Does not endorse any particular manufacturer, product or system design by offering these rebates;
- b. Will not be responsible for any tax liability imposed on the customer as a result of the payment of rebates;
- c. Does not expressly or implicitly warrant the performance of installed equipment (contact your contractor for detailed equipment warranties);
- d. Is not responsible for the proper disposal/recycling of any waste generated as a result of this project;
- e. Is not liable for any damage caused by the operation or malfunction of the installed equipment; and
- f. Does not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program.

EQUIPMENT		SPECIFICATIONS	REBATE/UNIT	x QTY	= REBATE
<b>Fluorescent T8 Fixtures with High Efficiency Electronic Ballasts and Low Ballast Factor</b>					
4 foot or less	1- to 2-lamp	Replace incandescent or T12 systems with T8 systems. <b>Must include high efficiency electronic ballasts and low ballast factor (<math>\leq 0.85</math>).</b>	\$13.00		
	3- to 4-lamp		\$22.00		
5 foot to 8 foot	1-lamp		\$13.00		
	2-lamp		\$22.00		
<b>Low-Wattage Fluorescent T8 lamps</b>					
4 foot, 28W or less	per lamp	Install 28W or less	\$1.00/lamp		
<b>Delamping</b>					
Delamp T12, T12HO or T8 systems to T8 systems <b>All delamping must include high efficiency electronic ballasts.</b>	per fixture	<b>T8 to T8 – Must have a low ballast factor (<math>\leq 0.85</math>)</b>	\$12.00/fixture		
		T12 to T8 – Install 1- to 2-lamp (can include a low, normal or high ballast factor)	\$20.00/fixture**		
		T12 to T8 – Install 3- to 4-lamp (can include a low, normal or high ballast factor)	\$26.00/fixture		
<b>Delamping Statement:</b> The undersigned verifies that there was a permanent removal of lamps, ballasts and sockets in the system being rebated and permission is granted to Xcel Energy to verify the changeout at Xcel Energy's discretion. <b>Sign here:</b> _____					
<b>Fluorescent T5 Fixtures with Electronic Ballasts</b>					
4 foot or less	1- to 2-lamp	Replace incandescent or T12 systems with T5 systems.	\$13.00		
	3- to 4-lamp		\$16.00		
<b>High-bay Fluorescent Fixtures with High Efficiency Electronic Ballasts</b>					
High-bay fluorescent 2-lamp T5HO, 3-lamp T5HO, 4-lamp T8		Replace HID* 175W–250W lamp systems <b>Must include high efficiency electronic ballasts</b>	\$85.00		
High-bay fluorescent 3-lamp T8VHO, 4- to 6-lamp T5HO, 6- to 8-lamp T8		Replace HID* 310-400W lamp systems <b>Must include high efficiency electronic ballasts</b>	\$110.00		
High-bay fluorescent 6-lamp T8VHO, 8-lamp T5HO, 12- to 16-lamp T8		Replace HID* 750W lamp systems <b>Must include high efficiency electronic ballasts</b>	\$200.00		
High-bay fluorescent 8-lamp T8VHO, 10-lamp T5HO, 18- to 20-lamp T8		Replace HID* 1000W lamp systems <b>Must include high efficiency electronic ballasts</b>	\$210.00		
<b>Screw-based Compact Fluorescent Lamps</b>					
18W or less		Replace incandescent systems with CFL systems.	\$1.00/lamp		
19W to 32W			\$2.00/lamp		
33W to 100W			\$3.00/lamp		
<b>Hardwired Compact Fluorescent Fixtures</b>					
18W or less		Replace incandescent systems with CFL systems.	\$25.00/fixture		
19W to 32W			\$30.00/fixture		
33W to 100W			\$35.00/fixture		
<b>Industrial Multi-CFL Fixtures and Systems</b>		Replace HID systems	\$45.00/fixture		
<b>Metal Halide and High Pressure Sodium Fixtures</b>					
151W to 250W		Replace incandescent, high pressure sodium or mercury vapor with metal halide. Replace incandescent or mercury vapor with high pressure sodium.	\$30.00		
251W+			\$45.00		
<b>Pulse-Start Metal Halide Fixtures</b>					
175W or less		Replace incandescent, mercury vapor, high pressure sodium, or metal halide systems with pulse-start metal halide systems.	\$25.00		
176W to 319W			\$50.00		
320W to 749W			\$45.00		
750W+			\$140.00		
<b>Ceramic Metal Halide Fixtures</b>					
150W or less		Replace incandescent, halogen or HID* systems with ceramic metal halide systems.	\$55.00		
151W to 250W			\$60.00		
251W+			\$75.00		
25W Integrated Ceramic Metal Halide Lamps		Replace 75W or greater incandescent or halogens with 25W integrated ceramic metal halide lamps.	\$25.00		
<b>Automatic Controls</b>					
Wall Mount Occupancy Sensor, or PhotoCell		Must be permanently installed.	\$30.00		
Ceiling or Fixture Mount Occupancy Sensor			\$50.00		
<b>LED or LEC Exit Signs</b>		Replace incandescent with LED or LEC exit signs.	\$15.00		
<b>SUBTOTAL REBATE THIS PAGE</b>					\$


\*High intensity discharge systems include mercury vapor, high pressure sodium, metal halide and pulse-start metal halide  
 \*\* Effective 3/8/11. Delamped fixtures invoiced prior to the 3/8/11 effective date will receive a \$17/fixture rebate.

SMALL BUSINESS LIGHTING  
LIGHTING RETROFIT REBATE APPLICATION

APPLICATION  
COLORADO

EQUIPMENT	SPECIFICATIONS	REBATE/UNIT	x QTY	= REBATE
<b>ENERGY STAR® qualified interior LED Lamps</b>				
5W or less	Replace Incandescent or Halogen lamps with ENERGY STAR qualified LED	\$20.00/lamp		
Greater than 5W to 10W		\$22.00/lamp		
Greater than 10W to 20W		\$35.00/lamp		
<b>ENERGY STAR qualified interior LED Luminaires</b>				
25W or less	Replace Incandescent systems with ENERGY STAR qualified LED Luminaires	\$100.00/fixture		
Greater than 25W to 50W		\$125.00/fixture		
<b>Exterior LED Canopy and Soffit Fixtures</b>				
25W to 150W	Replace Metal Halide systems with LED systems	\$275.00/fixture		
<b>Refrigerated LED Case Lighting 5 and 6 Ft. Doors</b>				
5 and 6 Ft. Doors	Replace fluorescent T12 or T8 systems with LED Case Lighting	\$100.00/door		
<b>SUBTOTAL REBATE PAGE 3</b>				\$
<b>TOTAL REBATE</b>				\$

This is an example of an invoice that would allow Xcel Energy to process the rebate application the same day it was received. **Itemized invoices are the key to fast processing of rebate forms.**



**Christmas' Lighting Company**  
123 Main St.  
Denver, CO 80202

## Invoice

Date	Invoice #
01/01/2011	62006-1

**Bill to:**

XYZ Company  
243 Lipan St.  
Denver, CO 80223

**Ship to:**

XYZ Company  
243 Lipan St.  
Denver, CO 80223

*DETAILED PRODUCT CODES*

*IDENTIFY MANUFACTURING PART INFORMATION*

Item	Qty	Description	Rate	Serviced	Amount	
JLFC032/841/XPS/ECO	50	Acme XPS F032/841/XPS/ECO Fluorescent Lamp	4.70		235.00T	
JLCHE4X32T8/UNIV/...	25	Acme JLCQHE2X32T8/UNIV/ISLSC Electronic 4" Ballast for (2) F032T8 Lamps Universal Voltage 120-277v	27.78		694.50T	
HD 30-072	100	728 Blue Wirenut	0.16		16.00T	
		Installed T8 lamps and electronic ballasts				
Labor	1	Labor	448.00	01/01/2011	448.00	
Travel	0	Travel	64.00	01/01/2011	0.00	
Environmental Fee	1	Environmental Fee	82.11		82.11	
		Local Total Tax	7.60%		90.94	
Thank you for your business. Please remit payment to Christmas' Lighting Company					<b>Total</b>	<b>\$1,566.55</b>

*GOOD DESCRIPTION*

*INCLUDE TOTAL AMOUNT OF INVOICE*

*SPECIFY THE QUANTITY FOR EACH ITEM*

*LIST PRICE FOR EACH ITEM*

*NOTE LABOR AND OTHER EXPENSES SEPARATELY FROM OTHER MATERIALS*

EXISTING LIGHTING (REMOVED)		FIXTURE QTY	NEW LIGHTING (INSTALLED)			FIXTURE QTY
<input type="checkbox"/> Fluorescent T12 – 4 foot <input type="checkbox"/> 34W <input type="checkbox"/> 40W <input type="checkbox"/> Magnetic ballast <input type="checkbox"/> Electronic ballast <input type="checkbox"/> Energy Saving Magnetic Ballast	1 lamp		Fluorescent T5 – 4 foot or less <input type="checkbox"/> 28W <input type="checkbox"/> 54W <input type="checkbox"/> Other _____	1-lamp		
	2 lamp			2-lamp		
	3 lamp			3-lamp		
	4 lamp			4-lamp		
Fluorescent T12 – 8 foot <input type="checkbox"/> 60W <input type="checkbox"/> 75W <input type="checkbox"/> Magnetic ballast <input type="checkbox"/> Electronic ballast <input type="checkbox"/> Energy Saving Magnetic Ballast	1 lamp		Fluorescent T8 – 4 foot 32W Must have high efficiency electronic ballast Low ballast factor: <input type="checkbox"/> 0.71 <input type="checkbox"/> 0.77 <input type="checkbox"/> Other _____	1-lamp		
	2 lamp			2-lamp		
Fluorescent T12HO – 8 foot <input type="checkbox"/> 95W <input type="checkbox"/> 110W <input type="checkbox"/> Magnetic ballast <input type="checkbox"/> Electronic ballast <input type="checkbox"/> Energy Saving Magnetic Ballast	1 lamp			Fluorescent T8 – 8 foot 59W Must have high efficiency electronic ballast Low ballast factor: <input type="checkbox"/> 0.71 <input type="checkbox"/> 0.77 <input type="checkbox"/> 0.78 <input type="checkbox"/> Other _____	1-lamp	
	2 lamp				2-lamp	
Fluorescent T8 – 4ft. 32W <input type="checkbox"/> Energy Saving Magnetic Ballast	1 lamp		Low-wattage T8 lamp – 4 foot 28W Low-wattage T8 lamp – 4 foot 25W or less High-Bay Fluorescent (Please indicate the number of lamps in the second box to the right.) Must have high efficiency electronic ballasts. Ballast factor _____	T8	# of lamps per fixture _____	
	2 lamp			T8VHO	# of lamps per fixture _____	
	3 lamp			T5HO	# of lamps per fixture _____	
	4 lamp					
Incandescent Wattage per lamp _____ # of lamps per fixture _____			CFL fixtures/lamps Wattage per lamp _____ # of lamps per fixture _____ <input type="checkbox"/> hardwired <input type="checkbox"/> screw-based <input type="checkbox"/> magnetic ballast <input type="checkbox"/> electronic ballast			
Incandescent Wattage per lamp _____ # of lamps per fixture _____			CFL fixtures/lamps Wattage per lamp _____ # of lamps per fixture _____ <input type="checkbox"/> hardwired <input type="checkbox"/> screw-based <input type="checkbox"/> magnetic ballast <input type="checkbox"/> electronic ballast			
Halogen Wattage per lamp _____ # of lamps per fixture _____			High Intensity Discharge (HID) <input type="checkbox"/> High pressure sodium <input type="checkbox"/> Ceramic metal halide <input type="checkbox"/> Metal halide <input type="checkbox"/> Pulse-start metal halide Wattage per lamp _____ # of lamps per fixture _____			
High Intensity Discharge (HID) <input type="checkbox"/> High pressure sodium <input type="checkbox"/> Mercury vapor <input type="checkbox"/> Metal halide <input type="checkbox"/> Pulse-start metal halide Wattage per lamp _____ # of lamps per fixture _____			High Intensity Discharge (HID) <input type="checkbox"/> High pressure sodium <input type="checkbox"/> Ceramic metal halide <input type="checkbox"/> Metal halide <input type="checkbox"/> Pulse-start metal halide Wattage per lamp _____ # of lamps per fixture _____			
High Intensity Discharge (HID) <input type="checkbox"/> High pressure sodium <input type="checkbox"/> Mercury vapor <input type="checkbox"/> Metal halide <input type="checkbox"/> Pulse-start metal halide Wattage per lamp _____ # of lamps per fixture _____						
Incandescent Exit Signs			<b>Occupancy Sensor or Photo Cell:</b> check all boxes that apply in each section below <b>Connected Load Example:</b> 6 fixtures; .85; T8 4 ft. 32W 2-lamp			
Fluorescent Case Lighting <input type="checkbox"/> 5 ft. <input type="checkbox"/> 6 ft. <input type="checkbox"/> T12 <input type="checkbox"/> T8			<b>Connected load</b> Number of fixtures _____ Ballast factor _____ Description _____ <input type="checkbox"/> Wall-mount occupancy sensor <input type="checkbox"/> Ceiling or fixture-mount occupancy sensor <input type="checkbox"/> Photo cell			
Exterior Metal Halide canopy or Soffit Lighting Wattage per lamp _____			<b>Connected load</b> Number of fixtures _____ Ballast factor _____ Description _____ <input type="checkbox"/> Wall-mount occupancy sensor <input type="checkbox"/> Ceiling or fixture-mount occupancy sensor <input type="checkbox"/> Photo cell			
<b>If equipment not listed above, please describe below.</b>			<input type="checkbox"/> LED Exit Signs <input type="checkbox"/> LEC Exit Signs			
			<b>ENERGY STAR qualified LED Lamps</b> Wattage per lamp _____			
			<b>ENERGY STAR qualified LED Luminaires</b> Wattage per lamp _____ # of lamps per fixture _____			
			<b>LED Refrigerated Case Lighting</b> Wattage per door _____			
			<b>Exterior LED Canopy &amp; Soffit Lighting</b> Wattage per lamp _____ # of lamps per fixture _____			

**Lighting Replacement Options**

Prescriptive rebates are available for the commonly installed interior equipment listed below. If your project does not fit one of the descriptions below, it may still qualify for rebates. Please contact your Xcel Energy representative or Franklin Energy at 1-877-287-2250 for custom lighting project review prior to beginning the project. Customer projects are subject to preapproval (**prior to equipment purchase**).

Please note: High efficiency electronic ballasts are required for all T8, high-bay and delamping rebates. You can find a list of qualified ballasts at [www.cee1.org](http://www.cee1.org). See the chart below for minimum ballast efficacy guidelines.

**Minimum Requirements for Ballast Efficacy Factor (BEF)**

INSTANT START BALLAST (BEF)			
Lamps	Low (BF ≤ 0.85)	Normal (0.85 < BF ≤ 1.0)	High (BF ≥ 1.01)
1	3.08	3.11	3.03
2	1.60	1.58	1.55
3	1.04	1.05	1.04
4	0.79	0.80	0.77
6	N/A	N/A	0.52

PROGRAMMED RAPID START BALLAST (BEF)			
Lamps	Low (BF ≤ 0.85)	Normal (0.85 < BF ≤ 1.0)	High (BF ≥ 1.01)
1	2.84	2.84	2.95
2	1.48	1.47	1.51
3	0.97	1.00	1.00
4	0.76	0.75	0.75
6	N/A	N/A	0.50

**A. Fluorescent T8 Fixtures with High Efficiency Electronic Ballasts and Low Ballast Factor (≤ 0.85)**

Rebates are based on one-for-one replacement of fluorescent T12 lamps controlled by magnetic ballasts or electronic or incandescent fixtures.

The new fixtures must include both high efficiency electronic ballasts and low ballast factor.

**B. Low-Wattage T8 Lamps**

Rebates are based on the installation of 4-foot T8 lamps 28W or less. There is no rebate if the lamp wattage is not reduced. Rebate is based on the number of lamps--32W to 28W or 32W to 25W only. Example 1: Replace a 4-lamp 4-foot T12 system with a 4-lamp 4-foot T8 system with 28W T8 lamps. Rebate equals the T12 to T8 system rebate of \$22.00 plus the low-wattage T8 rebate of \$4.00 (\$1.00 x 4) for a total rebate of \$26.00. Example 2: Remove a standard 32W 4-foot T8 lamp and replace it with a 28W T8 lamp. Rebate equals \$1.00.

**C. Delamping**

Rebates are based on the permanent removal of the equivalent of at least one 4' (T12, T12HO or T8) lamp from an existing 8' or 4' fixture as a result of a retrofit. Rebate amount is per fixture. In order to qualify, the fixture must be retrofitted such that the existing ballast(s) must be disconnected and removed, a new lamp-quantity appropriate high efficiency electronic ballast is installed, and the sockets for the eliminated lamps are removed. In addition, the customer may not remove more than 50% of the existing lamp quantity (e.g., replacing a 3-lamp system with a 1-lamp system is not allowed).

**T8 to T8 delamping must include high efficiency electronic ballasts with low ballast factor.** The T12 to T8 delamping rebate cannot be combined with the T8 retrofit rebate.

Customer must sign the line below the delamping rebate on page 3 to verify that delamping has occurred. Although Xcel Energy recommends customer follow IES guidelines, the final light levels are the responsibility of the customer.

**D. Fluorescent T5 Fixtures with Electronic Ballasts**

Rebates are based on replacement of fluorescent T12 lamps controlled by magnetic or electronic ballasts or incandescent fixtures.

**E. High-Bay Fluorescent T8, T8VHO, and T5HO Lamps with High Efficiency Electronic Ballasts**

Rebates are based on a one-for-one replacement of High Intensity Discharge (HID) fixtures – including mercury vapor, high pressure sodium, metal halide, or pulse-start metal halide – ranging in size from 175W to 1000W. Rebates are available for T8, T8VHO systems or T5HO systems as shown on page 3 of this application. Must include high efficiency electronic ballasts.

**F. Hardwired or Pin-Based Compact Fluorescent Fixtures**

Rebates are based on one-for-one replacement of incandescent fixtures with new compact fluorescent lamps (CFLs). For fixtures that house more than one lamp, the rebate is based on the total fixture wattage. (i.e., one fixture that houses (2) 18W CFLs would be rebated as (1) 36W CFL fixture.

**G. Screw-Based Compact Fluorescent Fixtures**

Rebates are based on one-for-one replacement of incandescent fixtures with new compact fluorescent lamps (CFLs). Rebates are based on wattage per lamp, not total fixture wattage.

**H. Industrial Multi-Compact Fluorescent Fixtures**

Rebates are based on one-for-one replacement of HID fixtures. Fixtures must house more than one lamp to qualify.

**I. Metal Halide and High Pressure Sodium Fixtures**

Rebates are based on one-for-one replacement of incandescent or mercury vapor fixtures. Metal halide and high pressure sodium lamp wattage must be lower than existing lamp wattage.

**J. Pulse-Start Metal Halide Fixtures**

Rebates are based on one-for-one replacement of incandescent, mercury vapor, high pressure sodium, or metal halide fixtures. Pulse-start lamp wattage must be lower than existing lamp wattage.

**K. Ceramic Metal Halide Fixtures**

Rebates are based on one-for-one replacement of incandescent, halogen, mercury vapor, high pressure sodium, metal halide or pulse-start metal halide fixtures. Ceramic metal halide lamp wattage must be lower than existing lamp wattage.

**L. Occupancy Sensors and Photocells**

Must be permanently installed. Occupancy sensors may be wall-, fixture- or ceiling-mounted, passive infrared, ultrasonic, or dual technology sensors.

**M. LED and LEC Exit Signs**

Rebates are based on one-for-one replacement of incandescent exit signs to LED and LEC exit signs. CFL exit signs do not qualify for a rebate.

**N. LED Lamps and Luminaires**

ENERGY STAR qualified LED lamps and luminaires are required for prescriptive rebates. You can find a list of qualified commercial LED lighting at [www.energystar.gov/sslpartners](http://www.energystar.gov/sslpartners) under Partner Resources for LED Fixtures. Exterior LED canopy, soffit fixtures and refrigerated LED case lighting do not require ENERGY STAR qualified products.

**ENERGY STAR qualified LED Lamps**—Rebates are based on one-for-one replacement of incandescent or halogen lamps with ENERGY STAR qualified LED lamps (screw-based or pin-based). Rebates are based on wattage per lamp, not total fixture wattage.

**ENERGY STAR qualified LED Luminaires**—Rebates are based on one-for-one replacement of incandescent fixtures with ENERGY STAR qualified LED luminaires. Rebates are based on total fixture wattage.

**Exterior LED Canopy and Soffit Lighting**—Rebates are based on one-for-one replacement of Metal Halide canopy or soffit fixtures with LED canopy or soffit fixtures. Rebates are based on total fixture wattage. LED Wallpacks are not included under Exterior LED canopy, but can be evaluated through our Custom Efficiency program.

**Refrigerated LED Case Lighting**—Rebates are based on replacement of T12 or T8 linear 5-6 ft. fluorescent refrigerated case door lighting with 5-6 ft. LED refrigerated case door strip lighting. Rebates are per door, not per lamp.



RESPONSIBLE BY NATURE™

1-800-481-4700 | [xcelenergy.com](http://xcelenergy.com)

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