

Small Business Lighting

LIGHTING RETROFIT REBATE APPLICATION

Opportunity ID: _____

For a free lighting assessment,
please contact the Small
Business Lighting program at
1-877-287-2250.

Business Customer Information

Company name _____ Date submitted _____

Billing address _____ City _____ State _____ ZIP _____

Installation address (IF DIFFERENT) _____ City _____ State _____ ZIP _____

Contact name (PRINT) _____ Phone _____ Email _____

Check this box if you do not want to receive emails from Xcel Energy regarding our programs and services.

Xcel Energy electric premises number _____

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 _____ Date _____ Email _____ @xcelenergy.com

Alternate Rebate Recipient

Note: Complete this section only if the customer wants the 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. The total project cost paid by the customer was \$ _____ (equipment and labor).

Customer signature _____ Date _____

Contractor Information

Contractor name _____ Contractor contact name _____

Contractor address _____ City _____ State _____ ZIP _____

Phone _____ Fax _____ Email _____

Check this box if you do not want to receive emails from Xcel Energy regarding our programs and services.

Facility Characteristics

Is the space air conditioned where the energy-efficient lighting will be installed? Air Conditioned Heat Only No Air Conditioning or Heat

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 _____

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) in your existing building. Additional lighting rebates, not listed on this application, may be available through our Custom Efficiency program which requires preapproval prior to project initiation and purchase of equipment. Please contact your Xcel Energy representative or our Business Solutions Center at 1-800-481-4700 for Custom Lighting project review prior to beginning your project.

Customer Qualifications

This program applies to customers with a valid Xcel Energy commercial account in our Colorado electric service territory. Check the Xcel Energy website (xcelenergy.com) to verify eligibility. Residential customers – please contact Xcel Energy at 1-800-895-4999 to learn about our residential energy efficiency programs.

Eligibility Requirements

- New interior lighting equipment must operate during weekday peak-demand hours(9:00 a.m. – 9:00 p.m.). With the exception of LED canopy, soffit and wall pack fixtures, along with parking garage fluorescent fixtures, equipment that only operates at night must be preapproved through the Custom Efficiency program.
- 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 and be purchased, installed and operating prior to submitting an application for a rebate.
- 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.
- 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, manufacturer's make and model numbers, and product codes for each material item and/or original equipment manufacturer (OEM) specification sheets. Please talk with your account manager or call our Business Solutions Center at 1-800-481-4700 for additional date restriction details.
- 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 section 1341, 1342.
- Once completed paperwork is submitted, incentive payments are usually made in six to eight 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 withhold 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'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.
- 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 iesna.org.

How to Apply

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 Equipment Rebate (page 3) section.
- Fill out the Lighting Retrofit Options Worksheet (page 4) by indicating the quantity of specific equipment removed and the quantity of newly installed equipment. Please also complete the ballast information when required.
- Attach a copy of the paid, itemized invoice(s). Be sure that the quantity, make, model number and unit price of each item appears on the invoice. See example on page 6.
- For fluorescent ballasts, please include product specs listing the ballast factor (BF) and ballast efficacy factor (BEF). **NOTE:** Sending inadequate invoice documentation or incomplete/incorrect forms will delay the rebate payment.
- Make a copy of this document for your records.
- For a free lighting assessment, please contact the Small Business Lighting program at 1-877-287-2250. Please submit completed rebate applications to: energyefficiency@xcelenergy.com (preferred), or fax to 1-800-311-0050, or mail to: Xcel Energy, Energy Efficiency Specialists, P.O. Box 8, Eau Claire, WI 54702.

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.

How to Apply for Rebates

1. Fill out the rebate application. (All information needs to be supplied before a rebate check can be issued.)
2. Mail or fax completed and signed rebate form along with paid invoices to: Xcel Energy, Energy Efficiency Specialist, P.O. Box 8, Eau Claire, WI 54702-0008, Fax 1-800-311-0050.

EQUIPMENT: (FOR INTERIOR INSTALLATIONS UNLESS NOTED OTHERWISE.)				REBATE/UNIT x	QTY =	REBATE
High-Efficiency Electronic Ballasts						
Fluorescent T8 fixtures with high-efficiency (HE) electronic ballasts	per HE ballast		T12 to T8, 4 foot or less, 1- to 2-lamp T12 to T8, 4 foot or less, 3- to 4-lamp (For invoices dated on or after May 1, 2013.)	\$1.50/HE ballast		
Lighting Optimization						
Lamp removal in T8 systems <i>Must include high-efficiency electronic ballasts.</i>	per fixture		T8 to T8	\$12/fixture		
Lamp removal in T8 systems. <i>Must include high-efficiency (HE) electronic ballasts.</i>	per fixture		T12 to T8 1- to 2-lamp installation (For invoices dated on or after May 1, 2013.)	\$10/fixture		
			T12 to T8 3-lamp installation (For invoices dated on or after May 1, 2013.)	\$12/fixture		
Optimization Statement: 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. SIGN HERE:						
Low-Wattage Fluorescent T8 lamps						
4 foot; 28W or less	1-lamp		Replace 32W T8 lamps with 28W or less lamps	\$0.50/lamp		
High-Bay Fluorescent Fixtures with High-Efficiency Electronic Ballasts						
2-lamp T5HO, 3-lamp T5HO, 4-lamp T8			Replace HID* 175W–250W lamp systems	\$85		
3-lamp T8VHO, 4- to 6-lamp T5HO, 6- to 8-lamp T8			Replace HID* 310W–400W lamp systems	\$125		
6-lamp T8VHO, 8-lamp T5HO, 12- to 16-lamp T8			Replace HID* 750W lamp systems	\$175		
8-lamp T8VHO, 10-lamp T5HO, 18- to 20-lamp T8			Replace HID* 1000W lamp systems	\$175		
<i>Must include high-efficiency electronic ballasts.</i>						
Parking Garage Fluorescent fixtures with High-Efficiency Electronic Ballasts						
4 foot	2- and 3-lamp		Replace HID* systems (150W or 175W) with T5HO or T8. <i>Must include high-efficiency electronic ballasts.</i>	\$85/fixture		
Parking Garage Low-Wattage Fluorescent T8 Lamps						
4 foot, 28W or less	1-lamp		Install 28W or less	\$0.50/lamp		
Hardwired or Modular Compact Fluorescent Fixtures (Does not include screw-base CFLs)**						
18W or less			Replace incandescent systems with hardwired or modular CFL systems that use 3–5 times less energy (e.g., a 20W CFL can replace a 60W–100W incandescent). Does not include screw-base CFLs.	\$25		
Greater than 18W to 32W				\$30		
Greater than 32W				\$35		
High-Pressure Sodium Fixtures**						
151W to 250W			Replace incandescent, halogen or mercury vapor with high-pressure sodium.	\$30		
Greater than 250W				\$45		
Ceramic Metal Halide Fixtures**						
150W or less		Replace incandescent, halogen, high-pressure sodium, metal halide or mercury vapor with ceramic metal halide systems:	175W or less	\$50		
Greater than 150W to 250W			200W to 400W	\$80		
Greater than 250W			400W to 1000W	\$100		
20W to 25W Integrated Ceramic Metal Halide lamps			Replace 75W to 150W incandescent or halogens with integrated ceramic metal halide lamps.	\$25		
Pulse-Start Metal Halide Fixtures**						
175W or less		Replace incandescent, halogen, mercury vapor, high-pressure sodium, or metal halide systems with pulse-start metal halide systems.		\$60		
Greater than 175W to 319W				\$90		
Greater than 319W to 749W				\$100		
Greater than 749W				\$120		
SUBTOTAL REBATE THIS PAGE						\$

*High-intensity discharge systems include mercury vapor, high-pressure sodium, metal halide and pulse-start metal halide. **These rebates are available specifically for standard retrofit projects in which the lumen output of the proposed system is similar to the existing system and the energy savings is within a reasonably expected range. Retrofits with unusually large or small energy savings and/or lumen reductions must apply through the Custom Efficiency program and obtain preapproval prior to purchase. Contact your account manager or the Business Solutions Center at 1-800-481-4700 if you have questions regarding your specific application.

EQUIPMENT: (FOR INTERIOR INSTALLATIONS UNLESS NOTED OTHERWISE)		SPECIFICATIONS	REBATE/ UNIT x	QTY =	REBATE
Automatic Controls					
Wall Mount Occupancy Sensor	50W–300W connected load	Must be permanently installed.	\$15		
	Greater than 300W connected load		\$25		
Ceiling or Fixture Occupancy Sensor	50W–300W connected load		\$30		
	Greater than 300W connected load		\$40		
Photocell			\$25		
Bi-level Stairwell Fixture with Integrated Sensor	Replace a 2-lamp T8 fixture with a 2–3 lamp T8 fixture or a 20W–30W LED fixture with an integrated occupancy sensor or step-dimming ballast.	\$25			
LED and LEC Exit Signs					
Replace incandescent exit signs.			\$25		
ENERGY STAR®-Qualified LED Lamps**					
5W or less	Replace Incandescent or Halogen lamps with an ENERGY STAR-qualified LED that uses 3–6 times less energy (e.g., a 20W LED lamp replace a 60W–120W incandescent).	\$7/lamp			
Greater than 5W to 10W		\$12/lamp			
Greater than 10W to 20W		\$15/lamp			
ENERGY STAR-Qualified Commercial LED Downlight Luminaires** (Not all ENERGY STAR LED fixtures qualify for rebates)					
25W or less	Replace Incandescent systems with an ENERGY STAR-qualified commercial LED downlight luminaire that uses 3–6 times less energy (e.g., a 20W LED fixture can replace a 60W–120W incandescent).	\$35/fixture			
Greater than 25W to 50W		\$50/fixture			
ENERGY STAR-Qualified LED Retrofit Fixture (screw in) Downlights					
25W or less	Replace Incandescent systems with an ENERGY STAR-qualified commercial LED downlight luminaire that uses 3–6 times less energy (e.g., a 20W LED fixture can replace a 60W–120W incandescent).	\$15			
Refrigerated LED Case Lighting 5- and 6-foot Doors** (DLC QPL Required)					
5- and 6-foot doors <input type="checkbox"/> Cooler Case <input type="checkbox"/> Freezer Case	Replace fluorescent T12 or T8 systems with LED Case Lighting	\$100/door			
LED Wall Pack Fixtures** - Exterior and Parking Garage Installations (DLC QPL Required)					
25W or less	Replace HID* systems with LED systems that use 3–6 times less energy (e.g., a 50W fixture can replace a 150W–300W HID). Replacement LED wall pack fixtures must be used for building exteriors or inside parking garages and must be attached to a wall (parking garage ceiling fixtures are not eligible for this rebate, but may qualify for a Custom Efficiency rebate).	\$35/fixture			
Greater than 25W to 60W		\$75/fixture			
Greater than 60W		\$100/fixture			
Exterior LED Canopy and Soffit Fixtures** (DLC QPL Required)					
25W to 60W	Replace HID* systems with LED systems rated for exterior use that use 3–6 times less energy (e.g., a 50W fixture can replace a 150W–300W HID).	\$150/fixture			
Greater than 60W		\$200/fixture			
LED Troffer Fixtures (DLC QPL Required) (For invoices dated on or after March 21, 2014)					
LED Troffer Fixture	1x4, 2x2, 2x4 Existing buildings, interior only	Replace fluorescent T12, T8, existing fixtures.	\$50/fixture		
Retrofit Kit for LED Troffer Fixtures	1x4, 2x2, 2x4 Existing buildings, interior only		\$30/fixture		
LED Parking Garage Fixtures (DLC QPL Required) (For invoices dated on or after March 21, 2014)					
25W to 60W	Replace 100W – 250W HID* systems.	\$135/fixture			
61W to 83W		\$175/fixture			
SUBTOTAL REBATE PAGE 3					\$
TOTAL REBATE					\$

*High-intensity discharge (HID) systems include mercury vapor, high-pressure sodium, metal halide and pulse-start metal halide.

**These rebates are available specifically for standard retrofit projects in which the lumen output of the proposed system is similar to the existing system and the energy savings is within a reasonably expected range. Retrofits with unusually large or small energy savings and/or lumen reductions must apply through the Custom Efficiency program and obtain preapproval prior to purchase. Contact your account manager or the Business Solutions Center at 1-800-481-4700 if you have questions regarding your specific application.

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.**

The image shows an invoice with several callouts pointing to specific details:

- Specify the quantity for each item:** Points to the 'Qty' column in the itemized table.
- Detailed Project Codes:** Points to the 'Item' column, specifically the alphanumeric codes like 'JLCP032841XPSECO'.
- Note labor and other expenses separately from other materials:** Points to the 'Labor' and 'Travel' rows in the itemized table.
- Identify manufacturing part information:** Points to the 'Description' column, specifically the manufacturer and model numbers.
- Good description:** Points to the 'Description' column, specifically the item name and specifications.
- List price for each item and total:** Points to the 'Rate' and 'Amount' columns.

EXISTING LIGHTING (REMOVED)	FIXTURE QTY
Fluorescent T12 - 8 foot <input type="checkbox"/> 60W <input type="checkbox"/> 75W	1-lamp
Fluorescent T12HO - 8 foot <input type="checkbox"/> 95W <input type="checkbox"/> 110W	2-lamp
<input type="checkbox"/> Magnetic ballast	3-lamp
<input type="checkbox"/> Electronic ballast	4-lamp
<input type="checkbox"/> Energy saving magnetic ballast	
Ballast factor _____	
Fluorescent T8 – 4-foot 32W <input type="checkbox"/> Magnetic ballast	1-lamp
<input type="checkbox"/> Electronic ballast	2-lamp
<input type="checkbox"/> Energy saving magnetic ballast	3-lamp
Ballast factor _____	4-lamp
Fluorescent T12, 4 foot or less <input type="checkbox"/> 34W <input type="checkbox"/> 40W	1-lamp
<input type="checkbox"/> Magnetic ballast	2-lamp
<input type="checkbox"/> Electronic ballast	3-lamp
<input type="checkbox"/> Energy saving magnetic ballast	4-lamp
Ballast factor _____	
Incandescent Wattage per lamp _____ Number of lamps _____	
Incandescent Wattage per lamp _____ Number of lamps _____	
Incandescent Wattage per lamp _____ Number of lamps _____	
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 <input type="checkbox"/> Magnetic ballast <input type="checkbox"/> Electronic ballast <input type="checkbox"/> Energy-saving magnetic ballast	
Wattage per lamp _____ Number of lamps _____	
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 <input type="checkbox"/> Magnetic ballast <input type="checkbox"/> Electronic ballast <input type="checkbox"/> Energy-saving magnetic ballast	
Wattage per lamp _____ Number of lamps _____	
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 <input type="checkbox"/> Magnetic ballast <input type="checkbox"/> Electronic ballast <input type="checkbox"/> Energy-saving magnetic ballast	
Wattage per lamp _____ Number of lamps _____	
Incandescent Exit Signs	
Fluorescent Refrigerated or Freezer Case Lighting <input type="checkbox"/> 5-foot <input type="checkbox"/> 6-foot <input type="checkbox"/> T8 <input type="checkbox"/> Cooler Case <input type="checkbox"/> Freezer <input type="checkbox"/> T12	
Wattage/Door _____	
If equipment not listed above, please describe below.	

PROPOSED LIGHTING (INSTALLED)	FIXTURE QTY
Fluorescent T8 – 4 foot 32W <i>Must have high-efficiency electronic ballasts.</i>	1-lamp
Ballast factor _____	2-lamp
Ballast make/model no. _____	3-lamp
	4-lamp
Low-wattage T8 lamp – 4-foot 28W Ballast factor _____	
Low-wattage T8 lamp – 4-foot 25W Ballast factor _____	
High-Bay and Parking Garage Fluorescent (Please indicate the number of lamps in the first box to the right.)	T8
Ballast factor _____	T8
Ballast make/model no. _____	T8VHO
<i>Must have high-efficiency electronic ballasts.</i>	T5HO
	T5HO
Hardwired or modular CFL fixtures 18W or less wattage per fixture _____	
Hardwired or modular CFL fixtures 19W – 32W wattage per fixture _____	
Hardwired or modular CFL fixtures 33W or greater wattage per fixture _____	
High-Intensity Discharge (HID) <input type="checkbox"/> High-pressure sodium <input type="checkbox"/> Mercury vapor <input type="checkbox"/> Energy-saving magnetic ballast <input type="checkbox"/> Ceramic metal halide <input type="checkbox"/> Pulse-start metal halide <input type="checkbox"/> Magnetic ballast <input type="checkbox"/> Electronic ballast	
Wattage per lamp _____ Number of lamps _____	
High-Intensity Discharge (HID) <input type="checkbox"/> High-pressure sodium <input type="checkbox"/> Mercury vapor <input type="checkbox"/> Energy-saving magnetic ballast <input type="checkbox"/> Ceramic metal halide <input type="checkbox"/> Pulse-start metal halide <input type="checkbox"/> Magnetic ballast <input type="checkbox"/> Electronic ballast	
Wattage per lamp _____ Number of lamps _____	
ENERGY STAR-qualified LED Lamps Wattage per lamp _____	
ENERGY STAR-qualified Interior Commercial LED Downlight Luminaires Wattage per lamp _____	
LED Refrigerated Case Lighting (DLC QPL Required) Wattage per door _____	
Exterior LED Canopy & Soffit Fixtures (DLC QPL Required) Wattage per fixture _____	
Exterior LED Wall Pack Fixtures (DLC QPL Required) Wattage per fixture _____	
Occupancy Sensor or Photo Cell: check all boxes that apply in each section below Connected Load Example: 6 fixtures; 0.85; T8 4 ft. 32W 2-lamp	
Connected load 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	
Connected load 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	
Bi-level Stairwell fixture <input type="checkbox"/> T8: Number of lamps ____ Length of lamps ____ <input type="checkbox"/> On/Off or <input type="checkbox"/> Dimming <input type="checkbox"/> LED: Fixture wattage _____ Percent Dimming _____	
<input type="checkbox"/> LED Exit Signs <input type="checkbox"/> LEC Exit Signs	
LED Troffer (DLC QPL Required) Wattage per fixture _____	
LED Troffer Retrofit Kit (DLC QPL Required) Wattage per kit _____	
LED Parking Garage Fixture (DLC QPL Required) Wattage 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 the Business Solutions Center at 1-800-481-4700 for custom lighting project review prior to beginning the project.

A. Low-wattage T8 Lamps

Rebates are based on replacing 32W T8 lamps with 28W or less lamps.

B. Lighting Optimization

Rebates are based on the permanent removal of the equivalent of at least one 4-foot (T8) lamp from an 8-foot or 4-foot fixture as a result of a retrofit. Rebate amount is per fixture, based on the final quantity of lamps installed in each fixture. Reducing the quantity of fixtures does not qualify. 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). High-efficiency electronic ballasts are required for all 4-foot T8 optimization rebates. You can find a list of qualified ballasts at cee1.org, or the ballast efficacy factor (BEF) must meet requirements in the table below.

Customer must sign the line below the optimization rebate on page 4 to verify that optimization has occurred. Although Xcel Energy recommends customer follow IES guidelines, the final light levels are the responsibility of the customer.

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	≥ 1
4	≥ 0.76	≥ 0.75	≥ .75
6	N/A	N/A	≥ 0.50

C. High-Efficiency Ballast

New fixtures that include high-efficiency electronic ballasts qualify for this rebate. Approved ballasts must be listed by CEE at cee1.org to qualify. The high-efficiency ballast cannot be in addition or added to the optimization rebates. The high-efficiency ballast is already incorporated into the optimization rebate.

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

Rebates are based on a one-for-one replacement of 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. High-efficiency electronic ballasts are required for all fixtures using 4-foot, 4-lamp or less T8 ballasts. Other fixture configurations will be considered under the Custom Efficiency program.

E. Parking Garage Fluorescent T8 & T5HO with High-Efficiency Electronic Ballasts

Eligible parking garage structures need to be either underground or semi-enclosed above ground. The lighting within the garage must operate 24 hours a day. Rebates are based on a one-for-one replacement of HID fixtures (including mercury vapor, high-pressure sodium, metal halide, or pulse-start metal halide) ranging in size from 150W to 175W. Rebates are available for T8 or T5HO systems. High-efficiency electronic ballasts are required for all fixtures using 4-foot, 4-lamp or less T8 ballasts. Other fixture configurations will be considered under the Custom Efficiency program.

F. Compact Fluorescent Fixtures

Rebates are based on one-for-one replacement of incandescent fixtures with new hard-wired (dedicated) or modular fixtures containing pin-based 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.) Screw-base (integral) CFLs do not qualify. Two-foot low-wattage CFL rebate is paid per lamp.

G. High-Pressure Sodium Fixtures

Rebates are based on one-for-one replacement of incandescent, halogen or mercury vapor fixtures. High-pressure sodium lamp wattage must be lower than existing lamp wattage.

H. 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 and must be a full fixture replacement.

I. Pulse-Start Metal Halide Fixtures

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

J. Occupancy Sensors, Photocells and Stairwell Fixtures

Occupancy sensors may be wall or ceiling mounted, and must be permanently installed; they can be passive infrared, ultrasonic or dual technology sensors. Photocells can only qualify for a rebate when controlling interior fixtures. Rebate is based on the type of sensor (wall vs. ceiling mount) as well as the connected load of each sensor. Stairwell fixtures may be 2-3 lamp T8 or 20W-30W LED and be controlled via an integrated occupancy sensor or step-dimming ballast. Fixture must operate in low-standby light level during vacancy and switch to full light output upon occupancy. The fixture cannot exceed 35% of full wattage during unoccupied periods. Low mode setting should be chosen so that the surface illumination levels are code compliant.

K. LED and LEC Exit Signs

Rebates are based on one-for-one replacement of incandescent exit signs to LED or LEC exit signs. CFL and photoluminescent exit signs do not qualify for a rebate. LED Exit Signs do not need to follow the DLC requirement (until further notice).

L. LED Lamps and Luminaires (DLC QPL Required)

ENERGY STAR-qualified LED lamps and commercial downlight luminaires are required for prescriptive rebates. You can find a list of qualified commercial lamps and downlight luminaires at xcelenergy.com/Rebates.

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 Commercial LED Downlight Luminaires (hardwired and screw in/retrofit) — Rebates are based on one-for-one full fixture replacement of incandescent fixtures with ENERGY STAR-qualified commercial LED hardwired and screw in downlight luminaires. Rebates are based on HID lamp wattage and total fixture wattage (Fixture must be a commercial downlight; not all products listed qualify for rebates).

Exterior LED Canopy, Soffit and Wall Pack Fixtures (DLC QPL Required) —

Rebates are based on one-for-one replacement of HID canopy, soffit or wall pack fixtures with LED fixtures rated for exterior use. Rebates are based on total fixture wattage. Wall packs can be installed in parking garages, however parking garage ceiling fixtures do not qualify for this rebate, but will be considered under the Custom Efficiency program. Wall packs must include wall pack terminology on spec sheet to qualify for rebate.

Refrigerated LED Case Lighting (DLC QPL Required) — Rebates are based on replacement of T12 or T8 linear 5 to 6 foot fluorescent refrigerated case door lighting with 5 to 6 foot LED refrigerated case door strip lighting. Rebates are per door, not per lamp. Linear LED tube lights do not qualify for this rebate, but can be considered under the Custom Efficiency program.

LED Troffer Fixture & Retrofit Kits (DLC QPL Required) — New fixtures and retrofit kits must be listed on the current DLC QPL to qualify for rebates. Rebates are based on a one-for-one fixtures and retrofit kits replacement of existing linear fluorescent troffer systems to qualify for rebates. Eligible LED fixture types are 2X2, 2X1, 2X4, 1X4, and retrofit kits. LED T8 tubes do not qualify for the retrofit kit, but are welcome through Custom Efficiency.

LED Parking Garage Fixture (DLC QPL Required) — Eligible parking garage structures need to be either underground or semi-enclosed above ground. The lighting within the garage must operate 24 hours a day. Rebates are based on a one-for-one replacement of HID (including mercury vapor, high-pressure sodium, metal halide, or pulse-start metal halide) ranging in size from 100W- 250W. LED retrofit kits are not available for prescriptive rebates, but can be analyzed in the Custom Efficiency program. The 3 to 6 times rule does not apply to this rebate measure.

ENERGY STAR and DesignLights Consortium Qualified Product Lists —

Xcel Energy requires that all LED products to be listed on either ENERGY STAR or DesignLights Consortium (DLC) Qualified Product Lists (QPL) to earn a prescriptive rebate. Prescriptive products that are not listed on the DLC QPL can be evaluated under the Custom Efficiency program.

The DLC promotes quality, performance and energy efficient commercial sector lighting solutions through collaboration among its federal, regional, state, utility, and energy efficiency program members; luminaire manufacturers; lighting designers and other industry stakeholders throughout the U.S. Visit designlights.org/QPL to search for qualified commercial products.

ENERGY STAR promotes energy savings, highest quality of products, reduced maintenance costs, cooling costs, and guaranteed minimum three-year warranty. Visit energystar.gov/products to search for qualified commercial products.

