Colorado



Opportunity ID: _

Lighting Efficiency

(For all customer peak demands)

Lighting New Construction Rebate Application

| Business customer information | | | | | |
|--|---|------------------------|--|----------------------|-----------------|
| Company name | | | | Date subm | itted |
| Installation address | | City | | State | ZIP |
| Mailing address(For rebate if different from in | | | | | |
| Contact name (print) | | | Email | | |
| Check this box if you do not want to receive e | | | | | |
| Xcel Energy electric premises number | | | | | |
| I verify the information on this application is corr | ect and request consideration for par | ticipation in this pro | gram. | | |
| Customer signature | | | | Date | |
| Customer hereby certifies that: 1. the customer, and operational prior to submitting rebate; and 3. all rule impose no liability on Xcel Energy. In particular, Xcel | es of this Xcel Energy program have bee | n followed. Further, t | he customer acknowledges that | participation in thi | |
| Xcel Energy account manager | | Date | Email | | @xcelenergy.com |
| Alternate rebate recipient | | | | | |
| Complete this section only if the customer wa | ants the rebate check to go to some | one 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 rebat | | | | | |
| Customer signature | | | | Date | |
| Contractor information | | | | | |
| Contractor company name | | Contractor of | contact name | | |
| Contractor address | | City | | State | ZIP |
| Phone | Fax | | Email | | |
| Check this box if you want to receive emails f | | | | | |
| Facility characteristics | | | | | |
| Is the space air conditioned where the energy-ef Please indicate the primary use for this location: Office Big box retail/grocery Restaurant Elementary/secondary Retail College/university | Healthcare offic | | Heat only No air cond Manufacturing Warehouse Nighttime exterior | itioning or heat | |
| | Parking garage | | Other/misc. | | |
| Does the lighting in this facility operate 24 hours Is the new lighting required for safety or for code | | | | | |

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beginning the project.

Colorado

LED rebate worksheet

Interior installations

Prescriptive rebates are available for the interior and specified exterior equipment listed below. Rebates are based on total fixture wattage. If the fixture is within + or - 10% of the rebate wattage category, the fixture can qualify for a prescriptive rebate. If not, then it could be eligible for a custom rebate. If the project does not fit one of the descriptions below, it may still qualify for rebates. Xcel Energy offers a tiered rebate level for products that are either DesignLights Consortium (DLC) Qualified Product Lists (QPL) or ENERGY STAR®- qualified, and products that are comparable but not DLC or ENERGY STAR qualified. Xcel Energy has added prescriptive rebates for LED lighting fixtures and lamps that are not DLC or ENERGY STAR qualified. The rebate amounts for these products will be equal to 75% of the rebate amount that we offer for comparable LED products that are DLC- or ENERGY STAR qualified. These new tiered rebates are available starting November 1, 2017. Invoices must be dated on or after November 1, 2017 to earn the non-DLC and non-ENERGY STAR reduced rebate amount*. Refer to the LED Rebate Guide to see which DLC eligible products are within each category. Please contact an Xcel Energy account manager or call our Business Solutions Center at 855.839.8862 for custom lighting project review prior to

| New Equipment | Specifications | Non-ENERGY STAR* rebate/unit | ENERGY STAR rebate/unit | Qty. = | Rebate |
|--|---|---------------------------------|-------------------------|-------------|-----------------|
| LED downlight fixtures Rebates are available for new LED downlight fixtures. Nor surface mount or pendant). Rebates are based on total | | R product eligibility cat | egory definition, " | Downlight | ' (recessed, |
| 8W-25W | ENERGY STAR-qualified commercial LED downlight luminaires required Wattage per fixture | \$18.75/fixture | \$25/fixture | | |
| 26W-50W | ENERGY STAR-qualified commercial LED downlight luminaires required Wattage per fixture | \$30/fixture | \$40/fixture | | |
| LED screw-in or pin-based lamps and LED retrofit kits | for downlights | | | | |
| A-lamp, PAR, BR, R, MR, Decorative lamps | Select screw-in and pin-based LED lamps and LED dov | | | | |
| LED retrofit kit for downlights | time of purchase from participating distributors. For m businessledinstantrebate.com/Locator/Distribu | | | ghtingEffic | iency, or visit |

| | New Equipment | Specifications | | Non-DLC* rebate | DLC rebate/ unit | Qty. = | Rebate |
|--|----------------------------------|---|-----------------------|---|--|----------------|--------|
| Refrigerated LED case lighting Rebates are available for new five to six foot LED cooler or freezer case door strip lighting. Non-DLC products must meet the DLC product eligibility category definition, "Vertic Refrigerated Case Luminaires." 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. Category covers only complete luminaires, with all necessary components. | | | | | | | |
| 5- or 6-foot doors | Number of cooler doors | Number of freezer doors \ | Wattage/door | \$26.25/door | \$35/door | | |
| LED high/low bay lighting fixtures Rebates are available for new LED high/low bay lighting. Non-DLC products must meet the DLC product eligibility category definition, "High-Bay Luminaires/High-Bay Aisle Luminaires/Low-Bay Luminaires for Commercial and Industrial Buildings." If wattage is in question, please reference the DLC listed wattage. Strip, Wrap, or fixtures classified as linear ambient, do not qualify for this rebate but can be evaluated through Custom Efficiency. Rebates are based on total new fixture wattage. | | | | | | | |
| Luminaires/Low-Ba | ay Luminaires for Commercial and | Industrial Buildings." If wattage i | is in question, pleas | e reference the DLC lis | ted wattage. Strip | , Wrap, or fix | |
| Luminaires/Low-Ba | ay Luminaires for Commercial and | Industrial Buildings." If wattage i | is in question, pleas | e reference the DLC lis | ted wattage. Strip | , Wrap, or fix | |
| Luminaires/Low-Baclassified as linear a | ay Luminaires for Commercial and | Industrial Buildings." If wattage i | is in question, pleas | e reference the DLC lis es are based on total n | ted wattage. Strip ew fixture wattag | , Wrap, or fix | |
| Luminaires/Low-Baclassified as linear at 95W–189W | ay Luminaires for Commercial and | Industrial Buildings." If wattage i but can be evaluated through Custo | is in question, pleas | e reference the DLC lis es are based on total n \$93.75/fixture | ted wattage. Strip ew fixture wattag \$125/fixture | , Wrap, or fix | |

LED troffer fixture:

Rebates are new LED troffer fixtures or retrofit kits. Non-DLC products must meet the DLC product eligibility category definitions, "1x4, 2x2, and 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces". Linear ambient (or "strip") fixtures are not eligible in this category and should be submitted through the Custom Efficiency program. Rebates are based on total new fixture wattage.

| | | For invoices dated August 31s | | |
|--------------|--|----------------------------------|--------------|--|
| 2x4, 30W-90W | | | | |
| 2x2, 20W-55W | LED troffer wattage per fixture | \$37.50/fixture | \$50/fixture | |
| 1x4, 19W-77W | | | | |
| | | For invoices date September | | |
| 10-100W | LED troffer wattage per fixture Fixture lumens (Fixture lumens field is required for invoices dated on or after September 1, 2018) | \$22.50/fixture | \$30/fixture | |

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| New Equipment | Specifications | Non-DLC* rebate | DLC rebate/ unit | Q ty. = | Rebate |
|--|--|---|--|----------------------|-------------------|
| LED wall pack fixtures – exterior and park Rebates are available for new LED Wall Pack Mounted Area Luminaires." Rebates are ba | fixtures that are rated for exterior use. Non-DLC products must me | et the DLC product elig | gibility category de | finition, "Ou | tdoor Wall |
| 0W-25W | LED wall pack fixtures | \$11.25/fixture | \$15/fixture | | |
| 25W-60W | wattage per fixture | \$22.50/fixture | \$30/fixture | | |
| 1W–150W | Does not include parking garage ceiling fixtures. | \$37.50/fixture | \$50/fixture | | |
| udiii y. | | h + = 10 · | #20/E | | |
| ualify. | rd-wired and is not limited to gas stations installations. Rebates ar | c basea on total new i | ixtare wattage. Do | winight hat | 3103 40 1101 |
| EVAL COVAL | LED LEDG . JG | | | | |
| | LED canopy or LED fixtures (fixtures must be rated for exterior use) | \$15/fixture | \$20/fixture | | |
| | for exterior use) Wattage per fixture arage fixtures that are rated for exterior use. Non-DLC products mu | \$18.75/fixture | \$25/fixture | | |
| ED parking garage fixtures lebates are available for new LED parking garage carage Luminaires." Eligible parking garage lours a day. Rebates are based on total nev | for exterior use) Wattage per fixture arage fixtures that are rated for exterior use. Non-DLC products must extructures need to be either underground or semi-enclosed above or fixture wattage. | \$18.75/fixture | \$25/fixture | | |
| | for exterior use) Wattage per fixture arage fixtures that are rated for exterior use. Non-DLC products mues structures need to be either underground or semi-enclosed above | \$18.75/fixture st meet the DLC production ground. The lighting | \$25/fixture ct eligibility catego within the garag | | |
| ED parking garage fixtures lebates are available for new LED parking garage cours a day. Rebates are based on total new 15W-60W 11W-83W ED area lighting fixtures lebates are available for new LED area lighting loadway Luminaire" or "Outdoor Pole/Arn | for exterior use) Wattage per fixture arage fixtures that are rated for exterior use. Non-DLC products must extructures need to be either underground or semi-enclosed above or fixture wattage. | \$18.75/fixture st meet the DLC production ground. The lighting \$18.75/fixture \$26.25/door y category definition," ered rate. Rebates are | \$25/fixture et eligibility catego within the garag \$25/fixture \$35/fixture Outdoor Pole/Arm based on total new | e must ope | rate 24 Area and |
| ED parking garage fixtures ebates are available for new LED parking garage Luminaires." Eligible parking garage ours a day. Rebates are based on total new 5W-60W 1W-83W ED area lighting fixtures ebates are available for new LED area lightioadway Luminaire" or "Outdoor Pole/Arm 5W-65W | for exterior use) Wattage per fixture arage fixtures that are rated for exterior use. Non-DLC products must extructures need to be either underground or semi-enclosed above vixture wattage. LED parking wattage per fixture | \$18.75/fixture st meet the DLC production ground. The lighting \$18.75/fixture \$26.25/door y category definition, "Category definit "Category definition, "Category definition, "Category definitio | \$25/fixture ct eligibility catego within the garag \$25/fixture \$35/fixture Outdoor Pole/Arm based on total new \$35/fixture | e must ope | rate 24 Area and |
| ED parking garage fixtures ebates are available for new LED parking garage Luminaires." Eligible parking garage ours a day. Rebates are based on total new 5W-60W 1W-83W ED area lighting fixtures ebates are available for new LED area lightionadway Luminaire" or "Outdoor Pole/Arm 5W-65W 6W-89W | for exterior use) Wattage per fixture arage fixtures that are rated for exterior use. Non-DLC products must extructures need to be either underground or semi-enclosed above vixture wattage. LED parking wattage per fixture | \$18.75/fixture st meet the DLC product ground. The lighting \$18.75/fixture \$26.25/door y category definition, "tered rate. Rebates are left and seed a | \$25/fixture ct eligibility catego within the garag \$25/fixture \$35/fixture Outdoor Pole/Arm based on total new \$35/fixture \$35/fixture | e must ope | rate 24 |
| ED parking garage fixtures ebates are available for new LED parking garage cours a day. Rebates are based on total new 5W-60W 1W-83W ED area lighting fixtures ebates are available for new LED area light coadway Luminaire" or "Outdoor Pole/Arn 5W-65W 6W-89W 0W-119W | for exterior use) Wattage per fixture arage fixtures that are rated for exterior use. Non-DLC products must extructures need to be either underground or semi-enclosed above vixture wattage. LED parking wattage per fixture | \$18.75/fixture st meet the DLC product ground. The lighting \$18.75/fixture \$26.25/door y category definition, "General are. Rebates are I \$26.25/fixture \$26.25/fixture \$30/fixture | \$25/fixture ct eligibility catego within the garag \$25/fixture \$35/fixture Outdoor Pole/Arm based on total new \$35/fixture \$35/fixture \$40/fixture | e must ope | rate 24 |
| ED parking garage fixtures Rebates are available for new LED parking garage Luminaires." Eligible parking garage Luminaires." Eligible parking garage Luminaires." Eligible parking garage Luminaires. ED area lighting fixtures Rebates are available for new LED area lighting fixtures Roadway Luminaire" or "Outdoor Pole/Arm EW-65W ROW-119W 20W-140W | for exterior use) Wattage per fixture prage fixtures that are rated for exterior use. Non-DLC products muse structures need to be either underground or semi-enclosed above of fixture wattage. LED parking wattage per fixture Ing fixtures. Non-DLC products must meet the DLC product eligibiliting. Customers must be on a meter. | \$18.75/fixture st meet the DLC production ground. The lighting \$18.75/fixture \$26.25/door y category definition," ered rate. Rebates are left at the state of | \$25/fixture ct eligibility catego within the garag \$25/fixture \$35/fixture Outdoor Pole/Arm based on total new \$35/fixture \$35/fixture \$40/fixture \$50/fixture | e must ope | rate 24 |
| ED parking garage fixtures Rebates are available for new LED parking garage Luminaires." Eligible parking garage Luminaires." Eligible parking garage Luminaires are based on total new 15W-60W 11W-83W ED area lighting fixtures Rebates are available for new LED area lighting fixtures | for exterior use) Wattage per fixture prage fixtures that are rated for exterior use. Non-DLC products muse structures need to be either underground or semi-enclosed above of fixture wattage. LED parking wattage per fixture Ing fixtures. Non-DLC products must meet the DLC product eligibiliting. Customers must be on a meter. | \$18.75/fixture st meet the DLC product ground. The lighting \$18.75/fixture \$26.25/door y category definition, "General are. Rebates are I \$26.25/fixture \$26.25/fixture \$30/fixture | \$25/fixture ct eligibility catego within the garag \$25/fixture \$35/fixture Outdoor Pole/Arm based on total new \$35/fixture \$35/fixture \$40/fixture | e must ope | rate 24 Area and |

| New E | quipment | rebate/unit | rebate/unit | rebate/unit | rebate/unit | <u></u> αιγ. = | nepate |
|--|------------------|-----------------|-----------------------------|-----------------|-----------------------------|----------------|------------|
| LED street lighting fixtures Rebates are available for new LED street lighting fixtures. Non-DLC products must meet the DLC product eligibility category definition, "Outdoor Pole/Arm-Mounted Area and Roadway Luminaire" or "Bollard." Rebates are based on total new fixture wattage. | | | | | | | d Area and |
| | | | on or before August 2018 | | n or after September 018 | | |
| 55W –79W | LED street | \$18.75/fixture | \$25/fixture | \$18.75/fixture | \$25/fixture | | |
| 80W-109W | lighting wattage | \$18.75/fixture | \$25/fixture | \$18.75/fixture | \$25/fixture | | |
| 110W-139W | per fixture | \$37.50/fixture | \$50/fixture | \$30/fixture | \$40/fixture | | |
| 140W-209W | | \$56.25/fixture | \$75/fixture | \$37.50/fixture | \$50/fixture | | |

Subtotal for LED rebates

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^{*}To qualify for a rebate, LED products must either be found on or comparable to the DesignLights Consortium's (DLC) Qualified Product and/or ENERGY STAR lists. The DLC QPL is available at designlights.org/QPL. The DLC establishes specifications for high-efficiency, high-quality commercial lighting solutions and maintains listings of qualified products.

Total rebate

Business Solutions Center 855.839.8862

Colorado

| Fluorescent rebate worksheet Rebates for fluorescents will be discontinued for invoices dated after December 31, 2018. Customers with purchases on or before December 31, 2018 still have 12 months from the invoice date to submit their project for a rebate. | | | | | |
|---|--|---|----------------------|---------|--------|
| New Equipment | | Specifications | Rebate/unit | Qty. = | Rebate |
| Low-wattage fluorescent T8 lamps for invoice. Rebates are based on the installation of 4-foot | | mber 31, 2018 I to 28W. Rebate is based on the number of lamps. | | | |
| 4 foot; 28W Ballast factor | Ballast make/model no _ | | \$1/lamp | | |
| 4 foot; 25W Ballast factor | Ballast make/model no | | \$2/lamp | | |
| Rebates are available for T8, T8VHO systems or | T5HO systems. Must inclu | s for invoices dated on or before December 31, 2018 Ide high-efficiency electronic ballasts. Other fixture configu ast as high as the factors shown in the table below. You can | | | |
| | | 4-lamp T5H0 | | | |
| | | 6-lamp T5H0 | \$10/fixture | | |
| | | 6-lamp T8 | | | |
| | | 8-lamp T8 | | | |
| High-bay fluorescent Ballast factor | | 8-lamp T5H0 | _ | | |
| Ballast make/model no | | 6-lamp T8VH0 | \$15/fixture | | |
| Must include high-efficiency | | 12-lamp T8 | 4 | | |
| electronic ballasts. | | 16-lamp T8 | | | |
| | | 10-lamp T5H0 8-lamp T8VH0 | _ | | |
| | | 18-lamp T8 | \$20/fixture | | |
| | | 20-lamp T8 | \dashv | | |
| | | 20 (4)119 10 | | | |
| New Equipment | | Specifications | Rebate/unit | Qty. = | Rebate |
| Rebates are available for new hard-wired (dedic | ated) or modular fixtures c | escrew-base CFLs) for invoices dated on or before Decembrontaining pin based compact fluorescent lamps (CFLs). For the 18W CFLs would be rebated as (1) 36W CFL fixture.) Screw | ixtures that house r | | |
| | # of lamps per fixture Electronic ballast | | \$2/fixture | | |
| 19W to 32W Wattage per lamp ☐ Energy-saving magnetic ballast | Electronic ballast | r fixture | \$2/fixture | | |
| 33W or greater Wattage per lamp Energy-saving magnetic ballast | # of lamps per | r fixture | \$2/fixture | | |
| | | Subtotal | for fluorescent | rebates | |

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LED cost worksheet

Enter the total equipment and labor costs for each individual product. An individual product is defined as a specific lighting technology with a single wattage value.

| Equipment | Fixture wattage, or wattage connected | Qty. = | Total equipment cost | Total labor cost |
|--------------------------|---|--------|----------------------|------------------|
| Example: 2x4 LED Troffer | 25 | 4 | \$100 | \$100 |
| | | | | |
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How to apply

1. Rebate application

Complete the rebate application. All information needs to be supplied before a rebate check can be issued.

2. Itemized invoice

Include detailed installation invoice that includes:

- · Invoice number and date
- Customer premises number or installation address
- Manufacturer names and model numbers for installed equipment
- · Equipment quantities
- · Equipment cost per unit
- Labor cost listed separately from equipment costs. If equipment was self installed, please include a labor cost based on the install time and rate of pay of the installer. Please reference Example A for further clarification.

3. Specifications (if applicable)

Xcel Energy offers a tiered rebate level for products that are either ENERGY STAR or DesignLights Consortium (DLC) Qualified Product Lists (QPL) qualified and products that are comparable but not DLC or ENERGY STAR qualified. Because LED products have become more prevalent and the overall quality has improved, Xcel Energy has added prescriptive rebates for LED lighting fixtures and lamps that are not DLC or ENERGY STAR qualified. The rebate amounts for these products will be equal to 75% of the rebate amount that we offer for comparable LED products that are DLC- or ENERGY STAR qualified. These new tiered rebates are available starting November 1, 2017. Invoices must be dated on or after November 1, 2017 to earn the non-DLC and non-ENERGY STAR reduced rebate amount. Include a screenshot of the product's listing on the applicable website showing details.

ENERGY STAR and DesignLights Consortium Qualified Product Lists

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 <u>designlights.org/QPL</u> to search for qualified commercial products. For the technical requirements to be listed on the DLC QPL, please visit this website: <u>designlights.org</u>.

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.

Please email forms to: energyefficiency@xcelenergy.com (preferred), or fax to 800.311.0050, or mail to: Xcel Energy, Energy Efficiency Specialists, P.O. Box 8, Eau Claire, WI 54702.

Rules and requirements

Xcel Energy provides energy efficiency rebates for the purchase and installation of qualifying interior and exterior lighting equipment in your new building, new addition to an existing building, or major renovation of an existing building. Rebates are based on total fixture wattage. If fixture is within + or -10% of the rebate wattage category, the fixture can qualify for a prescriptive rebate. If not, then it could be eligible for a custom rebate. 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 an Xcel Energy representative or the Business Solutions Center at 855.839.8862 for Custom Lighting project review prior to beginning the project.

Customer qualifications

This program applies to customers with a valid Xcel Energy commercial account in our Colorado electric service territory. Check **xcelenergy.com** to verify eligibility. Residential customers—please contact Xcel Energy at 800.895.4999 to learn 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 and be purchased and operating prior to submitting an application for a rebate.
- 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 24 months of the invoice date for invoices dated on or
 after September 1, 2018. For invoices dated on or before August 31, 2018 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 original equipment manufacturer (OEM)
 specification sheets. Please speak with an account manager or call our Business
 Solutions Center 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 forms 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. If the inspection finds that the project does not comply with program rules
 and standards, any rebate 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 855.839.8862 to ask whether or not the program is still in effect and to verify program parameters.
- Xcel Energy reserves the right to publicize participation in this program, unless specifically requested 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.
- Purchases made from a participating retail location do not qualify for a Lighting Efficiency Rebate. Find the list of participating retailers at xcelenergy.com/BulbFinder.

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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;
- 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.

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 | ≥ .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 | ≥ .75 | | |
| 6 | N/A | N/A | ≥ 0.50 | | |

Example A



