Lighting Rebate Catalog
Saving energy for a brighter future
Pacific Gas and Electric Company (PG&E) offers financing with 0 percent interest to help you replace inefficient and worn-out equipment. With our Energy Efficiency Financing (EEF), loans range from $5,000 to $100,000, and loan payments are made conveniently through your PG&E energy statement. For more information, eligibility requirements and steps to apply for a loan, visit pge.com/eef.
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Time to See Lighting in a New Light

Did you know that nearly one out of every three dollars a small business owner spends on energy today is spent on lighting? But this is not the only way lighting costs affect your bottom line. There is also the cost (and hassle) of replacing the bulbs and the extra energy it takes to cool your space, because older lighting technologies tend to generate a lot of heat.

Updating your lighting now is a smart thing to do. Recent advances in lighting technology—especially light-emitting diode (LED) and high-performance linear fluorescents—make it possible to switch to more energy-efficient lighting without compromising aesthetics or function. And thanks to PG&E, upgrading is more affordable than ever.

Our lighting rebates focus on major components, including the lamps (which create light), the fixtures (which house the lamps), the ballasts (which regulate power to the fixtures) and the lighting controls. Lighting rebates are a fast and easy way to get cash back for your business.

For the most up-to-date catalogs, visit pge.com/businessrebates, and to get more information on all of our LED incentives, visit pge.com/led.

General Rebate Requirements

In addition to reviewing the specific requirements for each lighting rebate, and to ensure our rebate eligibility, please note the following requirements before you begin:

- All components must be installed and operational before a rebate application is submitted.
- All new lighting fixtures, retrofit kits and components must carry the appropriate designated safety certification label—including, but not limited to Underwriters Laboratories (UL), Electrical Testing Laboratory (ETL), or TUV Rheinland (TUV).
- Installations must be installed in accordance with all applicable local, state and national codes and ordinances.
- Manufacturer’s specification sheet must be attached to each application, documenting the characteristics of lamps, ballasts and fixtures.
- Installation of new fixtures must result in a net decrease of installed wattage per space.
- Funding for this program is limited and available on a first-come, first-served basis until allocated funds are exhausted. These rebates may be modified or terminated without prior notice. Additional terms and conditions may apply.
- LED fixtures must appear on pge.com/ledap.
- If building type eligibility is not listed, all building types are eligible. Additional requirements may apply.
- To qualify for energy-savings rebates, you must have a commercial electric account with PG&E at the installation address.
Lighting Technology Overview

Light quality is one of the most important influences on workplace performance and business success. It is vital to provide good light quality that is designed to match the task being undertaken and to respect the needs of occupants. At the same time, it is critical to reduce the amount of energy lighting consumes in order to save money and to bring lighting systems up to date to meet new state and federal energy reduction requirements.

Light-emitting diode and high-performance fluorescent technologies offer significant advantages over older technologies, including incandescent, first-generation linear fluorescent and high-intensity discharge (HID). Not only do these lighting technologies use less energy, they also operate at lower temperatures, which helps reduce cooling costs. They also last much longer and require less maintenance. Best of all, these advanced technologies offer you all these benefits while providing equal- or better-quality light.

Lighting Matrix

We know you have many options when it comes to choosing types of lighting for your business. To help you find the option that is best for you, we have outlined the most popular lighting technologies and how their benefits compare to each other.

<table>
<thead>
<tr>
<th>Benefit (If ballast matches bulb)</th>
<th>Light-Emitting Diode (LED)</th>
<th>High-Performance Linear Fluorescent</th>
<th>Induction</th>
<th>Compact Fluorescent Lamp (CFL)*</th>
<th>High-Intensity Discharge (HID)</th>
<th>Incandescent/Halogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Life</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
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<tr>
<td>High Energy Efficiency</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
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<tr>
<td>Dimmable</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
</tr>
<tr>
<td>Low Price</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
</tr>
<tr>
<td>Instant On</td>
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<td>〇</td>
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<td>〇</td>
<td>〇</td>
</tr>
<tr>
<td>Eligible for PG&amp;E Rebates</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
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</tbody>
</table>

*Some are dimmable
LED Technology

Why consider LEDs:
LED lighting is a rapidly evolving technology that uses semiconductors to convert electricity into visible light. This basic fact is why LEDs offer so many advantages over traditional light sources. LEDs also differ from other light sources because they emit light in a specific direction, instead of in all directions. As a result, this technology is not only efficient, but also is well suited for downlighting and ambient lighting applications.

Advantages of ENERGY STAR®-qualified LED Lighting:
- LEDs use at least 75 percent less energy than incandescent lighting.
- LEDs last 20 times longer than incandescent lighting and about two to five times longer than fluorescent lighting, reducing maintenance costs.
- LEDs produce very little heat, reducing cooling costs.
- LEDs turn on and off instantly, do not flicker when dimmed and do not draw power when turned off.
- LEDs offer brightness equal to or greater than older lighting technologies with consistent light output and color quality.
- LEDs come in a wide variety of styles, colors and sizes to fit any décor and task.

Cost:
Prices recently have dropped significantly, making LEDs more affordable than ever. Also, it is important to compare total lamp replacement, electricity and maintenance costs over the expected life of LED products to get a true idea of total replacement costs.

Other business benefits:
- Lower energy costs, combined with PG&E rebates, result in improved payback.
- Retrofit kits install quickly with little interruption to business.

What to look for:
- Light brightness (or output) is expressed in lumens. The higher the lumens, the brighter the light appears. For example, when replacing a 60-watt incandescent bulb, look for an LED that produces 800 lumens.
- Light color (or temperature) is expressed using the Kelvin scale [K]. Warm color LEDs that match the light of incandescent bulbs have lower temperatures (2,700 to 3,500K), while cool color LEDs that create bright, bluish-white light have higher temperatures (3,600 to 5,500K).
- Light quality (or accuracy) is described using the Color Rendering Index (CRI). A higher CRI means better color rendering.
High-Performance Linear Fluorescents

Why consider high-performance fluorescents:
Linear fluorescent lamps and fixtures have evolved since their introduction in the 1930s. Today’s high-performance T5 and T8 linear fluorescent fixtures with electronic ballasts last longer, produce a better quality of light and are far more energy efficient than older, first generation T8 and T12 linear fluorescent fixtures with magnetic ballasts. The benefits of using these next-generation fluorescents (either as new installations or retrofitting older T8 and T12 fixtures) include:

• Reduced glare and increased visibility due to improved lens design
• Greater energy savings when combined with other fluorescent lighting-based measures, such as low ambient/task lighting, delamping configurations and occupancy sensors for more energy savings
• Reduced cooling costs resulting from far less heat generated than by older T8 and T12 lamps and fixtures

What to look for:
• Lamps that are Consortium for Energy Efficiency (CEE)-qualified as an assurance of energy efficiency, rated life and color rendering
• Ballasts that are certified as “premium” by the National Electrical Manufacturers’ Association (NEMA) or are CEE-qualified
• Lamps that are eligible for incentives through PG&E’s Custom Retrofit Program: pge.com/cr
REBATE PRODUCTS

Fixtures

LED Troffers and Integrated Troffer Retrofit Kits

With PG&E’s rebates, it is now easier than ever to reduce your energy costs, and improve light quality and output by upgrading your fluorescent lighting troffer fixtures with LED lighting.

A troffer is a rectangular light fixture that fits into a modular, dropped ceiling grid. Traditionally designed to accommodate standard fluorescent lamps, they now are also designed with integral LED light sources. They typically are recessed fixtures, but also are available in suspended or surface-mounted configurations. Troffers are the most common type of light fixture for ambient lighting in office spaces, schools and other commercial spaces.

You can choose between new luminaires or integrated retrofit kits. New LED luminaires provide efficient LED lighting in a well-designed fixture package with a straightforward electrical installation. The integrated retrofit kit is a great option as well. Integrated retrofit kits replace existing fluorescent lamps, sockets and ballasts, along with the lens and frame, and they can be installed easily into the existing fluorescent fixture. Troffers provide the required electrical components, LED light sources and optical elements, which include new lens and door frame—all in a prepackaged kit.

Ideal use:
This advanced lighting technology is more efficient, lasts longer and requires less maintenance than its predecessors. It provides consistent and reliable, high-quality light that can be dimmable and compatible with additional controls. Troffers are ideal for almost any interior space, especially for retail, health care, and office facilities.

Requirements:
• To qualify for a deemed rebate, products must be purchased on or after October 15, 2015.
• Starting on July 15, 2016, applications received must include products in the below qualifying categories must be listed as DLC Premium classification to qualify for this deemed rebate.
• Only LED troffer fixtures or integrated troffer retrofit kits on the list of prequalified LED fixtures, available at pge.com/ledqpl, in the following DesignLights Consortium (DLC) product categories, qualify for this rebate:
  † Troffer, 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces (indoor luminaires)
  † Troffer, 1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces (indoor luminaires)
  † Troffer, 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces (indoor luminaires)
  † Troffer, 2x2 Luminaires for Integrated Retrofit Kits (indoor retrofit kit)
  † Troffer, 1x4 Luminaires for Integrated Retrofit Kits (indoor retrofit kit)
  † Troffer, 2x4 Luminaires for Integrated Retrofit Kits (indoor retrofit kit)
• DLC listed initial light output must be ≥ 2,200 lumens (lm) and ≤ 6,500 lm to qualify for the deemed rebate.

Exclusions:
• Other fixture configurations, including LED troffer linear retrofit kits, linear ambient luminaires (direct/indirect) or external driver lamp-style retrofit kits (Underwriters Laboratories Type CI), do not qualify for this rebate. These configurations will be considered under the Customized Retrofit Program.
• Products listed in DLC’s Version 2.1 Retrofit Kits for 2x2, 1x4, 2x4 Luminaires for the Ambient Lighting of Interior Commercial Spaces product category do not qualify for this rebate.
• Exterior or high/low-bay installations of these products do not qualify for this rebate.
• Products in the above listed categories < 2,200 lm or > 6,500 lm do not qualify for this rebate and will be considered under the Customized Retrofit Program.

Additional details:
• Customer selects the measure code based on the efficacy (LPW) of the replacement fixture.
• Customer or trade professional must submit a product specification sheet, a screen shot from the LED QPL [pge.com/ledqpl] showing product details and a date stamp and an itemized invoice with the rebate application. All other PG&E Business Rebate Application conditions apply.
Calculate rebate:

Note: This rebate is offered on a per kilolumen (KLM)—1,000 lumens—basis, rather than a per fixture basis. The rebate increases as the efficacy (LPW) of the fixture or kit increases.

A lumen is the unit of light output: kilolumen = 1,000 lumens.

Efficacy is defined by LPW, or how much light is produced by one watt of energy consumed.

Use the rebate calculator available at pge.com/ledqpl to help determine your total rebate amount.

1. Search for your product using model number, product manufacturer and/or product brand. Alternatively, use the filters for rebate category, product category and/or product metrics to narrow down results and see many options.

2. Once the desired product is found, click on the measure code in the Rebate Information box to be taken to the Rebate Calculator.

3. Enter in the total number of fixtures of a given product that you wish to purchase, and the calculator will calculate the total rebate amount. Enter product and rebate information into the rebate application, as shown.

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<th>Description</th>
<th>Rebate/Unit Measure</th>
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<tr>
<td>LT042</td>
<td>≥ 110 and &lt; 125 LPW</td>
<td>$6/kilolumen (max $27)</td>
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<td>LT043</td>
<td>≥ 125 LPW</td>
<td>$8/kilolumen* (max $36)</td>
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* Rebate capped at 4.5 kilolumens

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<td>LT046</td>
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<tr>
<td>LT047</td>
<td>≥ 125 LPW</td>
<td>$8/kilolumen* (max $36)</td>
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2x4 LED New Luminaire for Ambient Interior Commercial Spaces

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<td>LT050</td>
<td>≥ 110 and &lt; 125 LPW</td>
<td>$6/kilolumen (max $27)</td>
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<td>LT051</td>
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<td>$8/kilolumen* (max $36)</td>
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2x4 LED Integrated Retrofit Kit for Ambient Interior Commercial Spaces

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<td>LT055</td>
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2x2 LED New Luminaire for Ambient Interior Commercial Spaces

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</thead>
<tbody>
<tr>
<td>LT046</td>
<td>≥ 110 and &lt; 125 LPW</td>
<td>$6/kilolumen (max $27)</td>
</tr>
<tr>
<td>LT047</td>
<td>≥ 125 LPW</td>
<td>$8/kilolumen* (max $36)</td>
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2x2 LED Integrated Retrofit Kit for Ambient Interior Commercial Spaces

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<tbody>
<tr>
<td>LT058</td>
<td>≥ 110 and &lt; 125 LPW</td>
<td>$6/kilolumen (max $27)</td>
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<tr>
<td>LT059</td>
<td>≥ 125 LPW</td>
<td>$8/kilolumen* (max $36)</td>
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1x4 LED New Luminaire for Ambient Interior Commercial Spaces

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<th>Rebate Code</th>
<th>Description</th>
<th>Rebate/Unit Measure</th>
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<tbody>
<tr>
<td>LT050</td>
<td>≥ 110 and &lt; 125 LPW</td>
<td>$6/kilolumen (max $27)</td>
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<tr>
<td>LT051</td>
<td>≥ 125 LPW</td>
<td>$8/kilolumen* (max $36)</td>
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1x4 LED Integrated Retrofit Kit for Ambient Interior Commercial Spaces

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<th>Description</th>
<th>Rebate/Unit Measure</th>
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<tr>
<td>LT062</td>
<td>≥ 110 and &lt; 125 LPW</td>
<td>$6/kilolumen (max $27)</td>
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<tr>
<td>LT063</td>
<td>≥ 125 LPW</td>
<td>$8/kilolumen* (max $36)</td>
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</tbody>
</table>

* Rebate capped at 4.5 kilolumens
Interior LED High-Bay and Low-Bay Lighting

Replacing interior high-intensity discharge or fluorescent high-bay and low-bay fixtures with LED lighting can greatly reduce your energy usage and maintenance costs while improving the light quality and output at floor level. LED lighting uses significantly less energy, lasts far longer, turns on and off instantly and can be equipped with dimmers and motion controls for additional energy savings.

Ideal use:
This advanced lighting technology generates less heat (which helps reduce cooling costs) and provides consistent, reliable high-quality white light, making it ideal for gyms, warehouse and assembly facilities.

Requirements:
- Only interior installations of LED fixtures or retrofit kits on the list of prequalified LED fixtures, available at pge.com/ledqpl, in the following DesignLights Consortium product categories, qualify for this rebate.
- For measure codes LD101–LD109:
  - High-Bay Luminaires (fixtures and retrofit kits)
  - Low-Bay Luminaires (fixtures and retrofit kits)
  - High-Bay Aisle Luminaires (fixtures)
- For measure codes LD111–LD113, retrofit kits not eligible:
  - High-Bay Luminaires (new fixtures only)
  - Low-Bay Luminaires (new fixtures only)
  - High-Bay Aisle Luminaires (new fixtures only)
- Customer selects the measure code based on the wattage of the replacement fixture.
- Customer or trade professional must submit a product specification sheet, a screen shot from the LED QPL (pge.com/ledqpl) showing product details and a date stamp, and an itemized invoice with the application. All other PG&E Business Rebate Application conditions apply.

Exclusions:
- Self-ballasted, screw-based or pin-based lamps and LED tube-style lamps do not qualify.
- Products not listed in the high-bay or low-bay categories above, including LED troffers, troffer retrofit kits, linear LED retrofit kits, lamp style retrofit kits, linear ambient luminaires, or any lighting products classified in the outdoor/exterior categories, do not qualify for this rebate.
- Exterior installations do not qualify for this rebate.

### Interior LED High-Bay and Low-Bay Lighting Rebates

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Replacement Fixture Wattage</th>
<th>Recommended Existing Lamp Type</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD109</td>
<td>&gt; 500–750 watt</td>
<td>PS-MH</td>
<td>$250/fixture</td>
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<tr>
<td>LD108</td>
<td>&gt; 320–500 watt</td>
<td>PS-MH</td>
<td>$170/fixture</td>
</tr>
<tr>
<td>LD107</td>
<td>&gt; 280–320 watt</td>
<td>PS-MH</td>
<td>$140/fixture</td>
</tr>
<tr>
<td>LD106</td>
<td>&gt; 262–280 watt</td>
<td>PS-MH</td>
<td>$115/fixture</td>
</tr>
<tr>
<td>LD105</td>
<td>&gt; 220–242 watt</td>
<td>PS-MH</td>
<td>$90/fixture</td>
</tr>
<tr>
<td>LD104</td>
<td>&gt; 187–220 watt</td>
<td>PS-MH</td>
<td>$75/fixture</td>
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<tr>
<td>LD103</td>
<td>&gt; 160–187 watt</td>
<td>PS-MH</td>
<td>$55/fixture</td>
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<tr>
<td>LD102</td>
<td>&gt; 131–160 watt</td>
<td>PS-MH</td>
<td>$30/fixture</td>
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<tr>
<td>LD101</td>
<td>40–131 watt</td>
<td>PS-MH</td>
<td>$25/fixture</td>
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<tr>
<td>LD113</td>
<td>&gt; 160–220 watt</td>
<td>T8 Fluorescent 2nd Gen 8L VHLO</td>
<td>$55/fixture</td>
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<tr>
<td>LD112</td>
<td>&gt; 131–160 watt</td>
<td>T8 Fluorescent 2nd Gen 8L VHLO</td>
<td>$30/fixture</td>
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<tr>
<td>LD111</td>
<td>40–131 watt</td>
<td>T8 Fluorescent 2nd Gen 8L VHLO</td>
<td>$25/fixture</td>
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</tbody>
</table>
LED Exterior Area Lighting

Replacing high-intensity discharge or incandescent outdoor fixtures with LED lighting can greatly reduce your energy usage and maintenance costs while improving light quality and output at the ground level.

Ideal use:
LED lighting uses significantly less energy, lasts far longer, turns on and off instantly and can be equipped with occupancy controls for more energy savings. This advanced lighting technology provides reliable, consistent, high-quality white light, making it ideal for parking lots, gas stations, outdoor parking structures, pathway lighting and outdoor wall-mounted lighting.

Requirements:
Only exterior installations of LED fixtures or retrofit kits on the list of prequalified LED fixtures, available at pge.com/ledqpl, in the following DesignLights Consortium product categories, qualify for this rebate:
- Architectural Flood and Spot Luminaires
- Landscape/Accent Flood and Spot Luminaires
- Outdoor Pole/Arm-mounted Area and Roadway Luminaires (fixtures and retrofit kits)
- Large Outdoor Pole/Arm-mounted Area and Roadway Luminaires (retrofit kits)
- Outdoor Pole/Arm-mounted Decorative Luminaires (fixtures and retrofit kits)
- Outdoor Wall-mounted Area Luminaires (fixtures and retrofit kits)
- Bollards
- Fuel Pump Canopy Luminaires (fixtures and retrofit kits)
- Parking Garage Luminaires (fixtures and retrofit kits)

Exclusions:
- Self-ballasted, screw-based or pin-based lamps do not qualify.
- Interior installations do not qualify for this rebate.
- Products not listed in the above categories such as those listed in interior high-bay/low-bay product categories do not qualify for this rebate.

<table>
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<tr>
<th>Rebate Code</th>
<th>Description</th>
<th>Rebate/Unit Measure</th>
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<tr>
<td>LT007</td>
<td>Install &gt; 500-750 watt LED Fixture</td>
<td>$200/fixture</td>
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<tr>
<td>LT008</td>
<td>Install &gt; 265-500 watt LED Fixture</td>
<td>$150/fixture</td>
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<tr>
<td>LT009</td>
<td>Install &gt; 225-265 watt LED Fixture</td>
<td>$125/fixture</td>
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<tr>
<td>LT010</td>
<td>Install &gt; 192-225 watt LED Fixture</td>
<td>$100/fixture</td>
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<tr>
<td>LT011</td>
<td>Install &gt; 150-192 watt LED Fixture</td>
<td>$80/fixture</td>
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<tr>
<td>LT012</td>
<td>Install &gt; 110-150 watt LED Fixture</td>
<td>$70/fixture</td>
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<tr>
<td>LT013</td>
<td>Install &gt; 70-110 watt LED Fixture</td>
<td>$60/fixture</td>
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<tr>
<td>LT014</td>
<td>Install &gt; 50-70 watt LED Fixture</td>
<td>$50/fixture</td>
</tr>
<tr>
<td>LT015</td>
<td>Install 0-50 watt LED Fixture</td>
<td>$40/fixture</td>
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**Interior High-Bay Linear Fluorescent Fixtures**

Replacing standard metal halide fixtures with next-generation, high-performance interior T8 or T5 linear high-bay fluorescent fixtures is an easy way to reduce lighting costs and improve lighting quality and output.

**Ideal use:**
Unlike standard metal halide, these fluorescent fixtures turn on instantly and do not suffer from color shift. T8 and T5 lamps also offer better color rendering, which helps make retail displays more attractive and improves productivity and employee satisfaction in warehouses and manufacturing spaces.

**Requirements:**
- Rebates are for installation of new high-performance T8/T5, super T8, T8 VHO or T5 HO interior linear fluorescent fixtures.
- Wattage of the replacement fixture, in all cases, must be less than the wattage of the existing lamp. New fixture wattage is considered to be total lamp wattage only.
- Additional requirements:
  - All 32-watt T8 lamps must be HP T8 or super T8 lamps and listed on the qualified HP T8 lamp list at [cee1.org](http://cee1.org).
  - All lamps must be rated equal to or greater than 20,000 hours of average-rated lamp life based on three hours per start (when operated on program rapid-start ballasts).
  - All lamps must have a CRI that is equal to or greater than 82.
  - All T8 ballasts must be rated as National Electrical Manufacturers Association [NEMA](http://nema.org) premium or designated HP electronic ballast as listed on [cee1.org](http://cee1.org).
  - T5 HO must be program rapid-start ballasts.

**Exclusions:**
- Exterior installation does not qualify for this rebate.
- Customer applying for this rebate will not be eligible for additional rebates under the “Compact Fluorescent Fixtures” category.
- Other fluorescent fixture configurations may be considered under PG&E’s Customized Retrofit Program.

**Additional details:**
- **T8 and T5:** Program rapid-start ballasts are designed to provide maximum lamp life in frequent lamp-starting applications such as in areas where occupancy sensor controls are used.
- **T8 only:** Instant-start electronic ballasts are the most popular type of electronic ballast today, because they provide maximum energy savings and start lamps without delay.

### Interior High-Bay Linear Fluorescent Fixtures Rebates

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Description</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>LT001</td>
<td>&gt; 351–585 watt Linear Fluorescent (HP T8/T5) Fixture</td>
<td>$125/fixture</td>
</tr>
<tr>
<td>LT002</td>
<td>&gt; 234–351 watt Linear Fluorescent (HP T8/T5) Fixture</td>
<td>$100/fixture</td>
</tr>
<tr>
<td>LT003</td>
<td>&gt; 144–234 watt Linear Fluorescent (HP T8/T5) Fixture</td>
<td>$75/fixture</td>
</tr>
<tr>
<td>LT004</td>
<td>&gt; 118–144 watt Linear Fluorescent (HP T8/T5) Fixture</td>
<td>$50/fixture</td>
</tr>
<tr>
<td>LT005</td>
<td>&gt; 64–118 watt Linear Fluorescent (HP T8/T5) Fixture</td>
<td>$30/fixture</td>
</tr>
<tr>
<td>LT006</td>
<td>≤ 64 watt Linear Fluorescent (HP T8/T5) Fixture</td>
<td>$20/fixture</td>
</tr>
</tbody>
</table>
**Interior Induction Fixtures**

Today’s modern induction fixtures offer significant improvements over incandescent and high-intensity discharge fixtures, including mercury vapor, high-pressure sodium, standard metal halide and pulse-start metal halide. Essentially a fluorescent light without electrodes or filaments (the components that frequently cause other bulbs to burn out quickly), induction fixtures provide high energy efficiency, long life, low maintenance costs and high-quality color rendering. They also turn on instantly and work well in low temperatures.

**Ideal use:**
With their long life and ability to deliver high-quality light, induction fixtures are suitable for nearly any interior application, especially in places where lamp replacement is difficult and expensive or omni-directional light output is required. This includes gyms, warehouses, assembly facilities and hotel rotundas.

**Requirements:**
- Rebates apply only to complete, new induction fixtures or retrofit kits, and retrofit kits must have the ballast separate from the lamp.
- New fixtures must not exceed the maximum “Replacement Lamp Wattage” listed in the Interior Induction Fixtures Rebates table to the right for each lamp being replaced. New lamp wattage is the total lamp-only wattage.

**Exclusions:**
- Exterior installations do not qualify under this interior fixture category.
- Screw-based retrofit kits do not qualify for this rebate.
- Other fixture configurations may be considered under PG&E’s Customized Retrofit Program.

**Interior Induction Fixtures Rebates**

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Replacement Lamp Wattage</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>L0270</td>
<td>&gt; 180–250 watt</td>
<td>$45/fixture</td>
</tr>
<tr>
<td>L1025</td>
<td>&gt; 120–180 watt</td>
<td>$30/fixture</td>
</tr>
<tr>
<td>L1024</td>
<td>&gt; 70–120 watt</td>
<td>$25/fixture</td>
</tr>
<tr>
<td>L1023</td>
<td>≤ 70 watt</td>
<td>$12.50/fixture</td>
</tr>
</tbody>
</table>
Exterior Induction Fixtures

Today’s modern induction fixtures offer significant improvements over incandescent and high-intensity discharge fixtures, including mercury vapor, high-pressure sodium, standard metal halide and pulse-start metal halide. Essentially a fluorescent light without electrodes or filaments (the components that frequently cause other bulbs to burn out quickly), induction fixtures provide high energy efficiency, long life, low maintenance costs and high-quality color rendering. They also turn on instantly, work well in low temperatures and can be equipped with dimming controls for additional energy savings.

Ideal use:
With their long life and ability to deliver high-quality light, induction fixtures are suitable for nearly any exterior application, especially in places where lamp replacement is difficult and expensive. This includes parking lots, gas stations, outdoor parking structures, pathway lighting and outdoor wall-mounted lighting.

Requirements:
• Rebates apply only to complete, new induction fixtures or retrofit kits, and retrofit kits must have the ballast separate from the lamp.
• New fixtures must not exceed the maximum “Replacement Lamp Wattage” listed in the Exterior Induction Fixtures Rebates table to the right for each lamp being replaced. New lamp wattage is the total lamp-only wattage.

Exclusions:
• Street and roadway installations do not qualify. Please refer to pge.com/led for details about PG&E’s LED Street Light Program, or contact your PG&E account representative for more information.
• Pulse-start metal halide fixtures do not qualify for this rebate.
• Screw-based retrofit kits do not qualify for this rebate.

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Replacement Lamp Wattage</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>L0265</td>
<td>&gt; 180–250 watt</td>
<td>$40/fixture</td>
</tr>
<tr>
<td>L0267</td>
<td>&gt; 120–180 watt</td>
<td>$25/fixture</td>
</tr>
<tr>
<td>L0264</td>
<td>&gt; 100–120 watt</td>
<td>$20/fixture</td>
</tr>
<tr>
<td>L0263</td>
<td>&gt; 70–100 watt</td>
<td>$15/fixture</td>
</tr>
<tr>
<td>L0262</td>
<td>≤ 70 watt</td>
<td>$15/fixture</td>
</tr>
</tbody>
</table>
Lamps

Low- or Reduced-Wattage T8 Lamps

Requirements:
Rebates are available for the installation of 4-foot, low-wattage T8 lamps that replace 32-watt T8 lamps. Approved lamps can be found at cee1.org on the most recent spreadsheet listed as “28W & 25W Lamps & Ballasts.”

Exclusions:
Rebate not eligible in hotel guest rooms.

Additional details:
Low-wattage T8 lamps are best used to replace first generation 700 series 32-watt T8 lamps in existing lighting systems. Care should be taken to read manufacturer recommendations for ballast requirements and use in low temperature.

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Existing Lamp Wattage</th>
<th>Replacement Lamp Wattage</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>L730</td>
<td>32 watt</td>
<td>28 watt</td>
<td>$1/lamp</td>
</tr>
<tr>
<td>L863</td>
<td>32 watt</td>
<td>25 watt</td>
<td>$1.50/lamp</td>
</tr>
</tbody>
</table>
Accent and Directional Lighting

LED Accent, Surface, Pendant, Track and Recessed Downlight Fixtures

Replacing interior accent and directional incandescent fixtures with LED lighting can greatly reduce your energy usage and maintenance costs while maintaining light quality and output levels. LED lighting uses significantly less energy, lasts far longer, turns on and off instantly and can be equipped with dimmers and motion controls for additional energy savings.

Ideal use:
This advanced lighting technology generates less heat (which helps reduce cooling costs) and provides consistent, reliable high-quality white light, making it ideal for retail, hospitality and office facilities.

Requirements:
- Only fully integrated LED fixtures or retrofit kits on the list of prequalified LED fixtures, available at pge.com/ledqpl, in the following categories, qualify for this rebate:
  - Track or Mono-Point Directional Luminaires (DLC)
  - Downlights: Recessed, Surface, Pendant or Retrofits (ENERGY STAR®)
  - Accent Light (ENERGY STAR)
  - LEDs must meet a minimum luminaire efficacy of 35 LPW.
  - Customers are responsible for verifying that new fixtures work with existing lighting controls.
  - Downlights intended for installation in insulated ceilings must meet California Energy Commission (CEC) Title 20 requirements.

Exclusions:
Screw-in or pin-based LED lamps are not eligible for these rebates. Visit a participating distributor to receive instant rebates on screw-in LED replacement lamps.

Two ways to save
Because lighting systems can be expensive to update, PG&E offers two kinds of rebates to help you defray costs:

- **Replacement lamp incentives.** Earn instant rebates from participating lighting distributors when you purchase and install qualifying replacement lamps. For more details and a list of participating distributors, go to pge.com/led.

- **Replacement fixture and retrofit kit incentives.** These rebates are designed to help cover the installation costs of qualifying fixtures or kits.

Rebate Code | Description | Rebate/Unit Measure
---|---|---
LD146 | < 25 watt LED Fixture | $15.50/fixture
LD145 | 24 to < 25 watt LED Fixture | $15.50/fixture
LD144 | 23 to < 24 watt LED Fixture | $15.50/fixture
LD143 | 22 to < 23 watt LED Fixture | $15.50/fixture
LD142 | 21 to < 22 watt LED Fixture | $15.50/fixture
LD141 | 20 to < 21 watt LED Fixture | $15.50/fixture
LD140 | 19 to < 20 watt LED Fixture | $15.50/fixture
LD139 | 18 to < 19 watt LED Fixture | $15.50/fixture
LD138 | 17 to < 18 watt LED Fixture | $13/fixture
LD137 | 16 to < 17 watt LED Fixture | $13/fixture
LD136 | 15 to < 16 watt LED Fixture | $13/fixture
LD135 | 14 to < 15 watt LED Fixture | $13/fixture
LD134 | 13 to < 14 watt LED Fixture | $13/fixture
LD133 | 12 to < 13 watt LED Fixture | $13/fixture
LD132 | 11 to < 12 watt LED Fixture | $11/fixture
LD131 | 10 to < 11 watt LED Fixture | $11/fixture
LD130 | 9 to < 10 watt LED Fixture | $11/fixture
LD129 | 8 to < 9 watt LED Fixture | $8/fixture
LD128 | 7 to < 8 watt LED Fixture | $8/fixture
LD127 | < 7 watt LED Fixture | $8/fixture
Definitions

**Ballast:** This is a lighting component that controls the electrical current drawn in from a power source.

**Color Rendering Index (CRI):** This is a measure of a light source’s ability to show object colors “realistically” or “naturally” compared to a familiar reference source, either incandescent light or daylight.

**Electrical Testing Laboratory (ETL):** This organization marks products of compliance to applicable electrical, gas and other safety standards. For more information, visit [etl.com](http://etl.com).

**Fixture:** Generally, a light fixture is an electrical device used to create artificial light by use of an electric lamp. All light fixtures have a fixture body and a socket to hold the lamp and allow for its replacement. For PG&E lighting rebates, a fixture refers to new equipment being installed based on system wattage (lamp and ballast).

**HID:** This refers to high-intensity discharge.

**High-Performance Linear Fluorescent Fixture Ballasts:** This term refers to National Electrical Manufacturers Association (NEMA) premium or Consortium for Energy Efficiency (CEE)-qualified T8 ballasts or T5 ballasts.

**High-Performance Linear Fluorescent Lamps:** These are CEE-qualified 4-foot T8 lamps or 2-foot T8/T5 lamps with at least 20,000-hour-rated life and a Color Rendering Index that meets or exceeds 82.

**Kilolumen:** A kilolumen is 1,000 lumens.

**Light-Emitting Diode (LED):** LED is a light-emitting diode product that is assembled into a lamp (or light bulb) for use in lighting fixtures. LED lamps have a lifespan and electrical efficiency that is several times better than incandescent lamps, and significantly better than most fluorescent lamps, with some chips able to emit more than 100 lumens per watt.

**Lumen (lm):** A lumen is the unit of light output.

**NEMA Premium Ballasts:** These are the most efficient fluorescent fixed output and dimmable electronics for T8 ballasts to be recognized by the National Electrical Manufacturers Association (NEMA).

**Parking Garage:** A parking garage is a covered building or structure for the purpose of parking vehicles, which consists of at least a roof over the parking area, enclosed with walls on all sides. Parking garages may have fences, rails, partial walls (pony wall) or other barriers in place of one or more walls. The structure has an entrance(s) and exit(s), and includes areas for vehicle maneuvering to reach the parking spaces. If the roof of the parking structure is also used for parking, the section without an overhead roof is considered a parking lot instead of a parking garage.

**Troffer:** A troffer is a rectangular light fixture that fits into a modular dropped ceiling grid.

**Underwriters Laboratories (UL):** This independent product safety certification organization’s website is [ul.com](http://ul.com).
More ways for your business to save money

Looking for more information on PG&E’s rebates and incentives for your business? Visit pge.com/businessrebates to access the latest rebate information and catalogs. If you are ready to apply for a rebate, you can download an application at pge.com/businessrebates.

PG&E offers a wide range of tools and resources that can help your business save energy and money while helping the environment:

• Didn’t find a rebate matching the high-efficiency equipment you’d like to install? You may still be eligible for financial support with PG&E’s customized incentives for businesses. To learn more, visit pge.com/cr.

• Sign up for automated benchmarking service at pge.com/benchmarking, which allows you to use the ENERGY STAR® Portfolio Manager to track and compare your facility’s energy performance over time.

• Use PG&E’s audit tools to identify options for saving energy and money at your facility, and get started on developing a comprehensive energy management plan. Visit the Business Energy Checkup at pge.com/waystosave.

• Find a suite of customized incentives for retrofitting outdated, inefficient equipment, as well as incentives to optimize existing equipment through PG&E’s Retrocommissioning (RCx) Program at pge.com/rcx.

• Explore PG&E’s demand response programs, which offer incentives for managing your energy use during times of peak demand at pge.com/demandresponse.

• Check out PG&E’s incentives for solar, wind and fuel cell self-generation equipment, if you are considering generating your own electricity.

You also may learn more about these programs, tools and offers by contacting your local PG&E account representative or by calling our Business Customer Service Center at 1-800-468-4743.

Ready to get started with your next project and need the help of a contractor? Find local vendors who participate in PG&E’s energy-efficiency rebate programs for your business at pge.com/tradeprodirectory.