



LIGHTING REBATE FORM



Equipment Type	Quantity Purchased	Rebate/Unit	Rebate \$
Screw-in Compact Fluorescent Lamps			
1 – 12 watts **Note		One and Two Piece \$2.50/lamp	\$
13 – 25 watts **Note		\$4.50/lamp	\$
> 25 watts **Note		\$5.50/lamp	\$
Fixture Replacement - Compact & Linear Fluorescent			
1 – 12 watts		\$9.00/fixture	\$
13 –26 watts		\$11.00/fixture	\$
26 – 65 watts replacing incandescent/M.V.		\$12.50/fixture	\$
66 – 90 watts		\$18.00/fixture	\$
> 90 watts		\$22.50/fixture	\$
Induction Lamps and Fixtures			
55 – 100 watts		\$35.00/lamp	\$
> 100 watts		\$50.00/lamp	\$
Ballast Retrofit - Magnetic to Electronic			
Non-dimming		\$2.00/lamp controlled	\$
Dimming (with daylighting)		\$10.00/lamp controlled	\$
Lamp & Ballast Retrofit - Linear Fluorescent/Electronic Ballast			
	# lamps		
2 – foot lamp		\$3.50/lamp	\$
3 – foot lamp		\$4.25/lamp	\$
4 – foot lamp		\$4.25/lamp	\$
8 – foot lamp		\$7.50/lamp	\$
8 – foot HO lamp		\$9.00/lamp	\$
Delamping-2 ft, 3 ft, & 4 ft lamps (with replace)		\$4.75/lamp	\$
Delamping-8 ft lamps (with replace)		\$7.50/lamp	\$
High Bay Linear Fluorescent Fixture		\$75.00/fixture	\$
HID Fixtures - Interior Pulse Start, Replacing incandescent/mercury vapor			
1 – 34 watts		\$18.00/fixture	\$
35 – 70 watts		\$25.00/fixture	\$
71 – 174 watts		\$40.00/fixture	\$
> 175 watts		\$45.00/fixture	\$
HID Fixtures, Exterior Pulse Start			
1 – 100 watts		\$36.00/fixture	\$
101 – 175 watts		\$64.00/fixture	\$
> 175 watts		\$100.00/fixture	\$
Metal Halide Pulse Start Retrofit Fixture		\$45.00/lamp	\$
Occupancy Sensors			
Wall Switch Sensor		\$16.50/sensor	\$
Ceiling/wall -mounted Sensor		\$44.00/sensor	\$
Plug-load Sensor		\$15.00/sensor	\$
Vending Machine,Cold Drink (VendingMiser™)		\$70.00/unit	\$
Other Items			
Photocells		\$7.00/photocell	\$
Time Clocks, Seven day with back-up		\$36.00/time clock	\$
LED or LEC Exit Signs, new only		\$27.00/fixture	\$
Ceramic Metal Halide (CMH) Fixtures		\$25.00/fixture	\$
Channel Signs (LED), Retrofit or Replacement			
Indoor ≤ 2 feet		\$4.00/foot	\$
Outdoor ≤ 2 feet		\$2.00/foot	\$
Indoor > 2 feet		\$6.00/foot	\$
Outdoor > 2 feet		\$3.00/foot	\$
OPUS Incentive			

See other side for Program rules.

Total Rebate Amount: \$ _____

If you need help filling out this form, call 408-615-5694.

Rebate Number _____

Lighting Rebate Program-Product Eligibility Requirements

If you are uncertain whether equipment qualifies, call Silicon Valley Power at 408-615-5694. For specific rebate amounts, see table on reverse side.

Screw-in Compact Fluorescent Lamps (CFLs) **see note on quantities)

Must replace incandescent lamps. No rebates will be paid for fixtures that have previously received a rebate in this category. Facilities requesting incentives for additional fixtures are subject to pre-inspections. Replacement CFLs may be self-ballasted or modular (lamp with ballast adapter). All **self-ballasted** lamps must have electronic ballasts and be ENERGY STAR® qualified. **Modular** units ≥ 15 Watts must have electronic ballasts. For all units, lamp/ballast efficacy must meet these requirements:

Lamp Power & Configuration	Minimum Efficacy Lumens Per Watt
Bare Lamp Power < 15	45.0
Lamp: Lamp Power ≥ 15	60.0
Covered Lamp Power < 15	40.0
Lamp: Lamp Power ≥ 15 and < 19	48.0
Lamp Power ≥ 19 and < 25	50.0
Lamp Power ≥ 25	50.0

In addition, when replacing the following wattages of incandescent lamps, all replacement Bare Lamp CFLs must have the following Minimum Lumen Output (shown on the manufacturer's specification sheet):

Wattage of A-Shaped Incandescent Bulb	CFL Minimum Lumen Output (Based on 100 hr. initial values)
40	Minimum of 450
60	Minimum of 800
75	Minimum of 1,100
100	Minimum of 1,600
150	Minimum of 2,600

Fixture Replacement-Compact & Linear Fluorescent

Only complete new fixtures or modular retrofits with hardwired ballasts qualify. Must replace an incandescent, mercury vapor, or HID fixture. All ballasts must be electronic. CFLs/ballasts must meet the same efficacy requirements as above. CFL ballasts must be Programmed-start or Programmed Rapid-start with PF ≥ 0.90 and THD ≤ 10%. Linear fluorescent lamps/ballasts must meet the specifications for Linear Fluorescent and T-8 or T-5 ballasts. Fixtures in this category are not eligible for additional rebates in any categories.

Induction Lamps and Fixtures

Only complete new induction fixtures ≥ 55 Watts that replace existing incandescent, mercury vapor, or HID fixtures qualify. Induction lamps < 55 Watts are considered CFLs and may qualify under that category. Each new fixture must have a mean lamp/ballast efficacy > 50 LPW. Only indoor, outdoor, and parking areas qualify.

Ballast Retrofit-Magnetic to Electronic

Rebate applies to high frequency (≥ 20kHz), UL-listed ballasts that: are warranted against mechanical or electrical defects for five years, and have PF ≥ 0.90. Must control T-8 or T-5 Linear Fluorescent Lamps as described below. At full light output, ballasts for 4-foot and 8-foot lamps must have THD ≤ 10%, while ballasts for 2-foot and 3-foot lamps must have THD ≤ 20%. For T-8 lamp installations, Instant Start, Programmed Start/Programmed Rapid-start, and Dimming ballasts, described below, all qualify. Programmed Start/Programmed Rapid-start ballasts must be used for T-5 lamp installations. Submit the manufacturer's ballast specification sheet with your rebate form. The specification sheet must document the characteristics listed below for each ballast type. Ballasts earning rebates in this category are not eligible for any other rebates. **Instant Start Ballasts** – When T-8 lamps are being installed for general illumination purposes, Instant Start ballasts must be used. **Programmed Start/Programmed Rapid** – When occupancy sensors are installed to control circuits in lamp/ballast retrofits, Programmed Start/Programmed Rapid-start ballasts are recommended. Occupancy Sensor rebates may apply. **Dimming Ballasts** – Must meet FCC part 18 requirements for electromagnetic radiation and be used only: 1) for daylight harvesting 2) in conjunction with a photo sensor, and 3) in perimeter fixtures installed within 15' of windows.

Lamp & Ballast Retrofit-Linear Fluorescent/Electronic Ballast

Rebate applies to existing T-12 lamps and magnetic ballasts that are either **delamped** or **replaced** by T-8 or T-5 lamps with the ballasts described above. Delamping is the permanent removal of existing T-12 lamps/ballasts and unused lampholders from existing fixtures without replacing the lamps. To receive credit for delamping, customers must remove not more than half of the existing lamps/ballasts (along with lampholders) from each fixture. The total number of lamps claimed for delamping may not exceed the number of T-8 or T-5 lamps installed. Customers are responsible for deciding whether delamping will maintain adequate light levels. **You must arrange and obtain a pre-inspection by SVP to be eligible for a delamping rebate. No exceptions.** Replacement T-5 lamps in low bay installations (under 15') must provide indirect lighting only. All replacement lamps must meet the following CRI and Rated Life standards:

Lamp Type & Size	Ballast Type	CRI	Minimum Rated Lamp Life (3 hours / start)
T-8 – 2 ft, 3 ft, 4 ft	Programmed Start/ Programmed Rapid Start	≥80	24,000 hours
T-8 All sizes	Instant Start	≥80	18,000 hours
T-5 All sizes	Programmed Start/ Programmed Rapid Start	≥82	20,000 hours

Replacement lamps in this category cannot earn rebates in any other category.

High Bay Linear Fluorescent Fixtures

Only completely new 4-lamp, 6-lamp, or 8-lamp qualify. Must use T-8 or T-5 lamps and ballasts as specified in the previous section. New fixtures must replace, one for one, existing incandescent, T12/PG17 fluorescent or HID fixtures ≥ 400W in interior high bay installations (over 15'). All fixtures must have a reflector with a minimum of 90% reflectivity. Exterior installations of any kind do not qualify. Fixtures in this category qualify for no additional rebates.

HID Fixtures-Interior Pulse Start, Replacing incandescent/mercury vapor

Only completely new HID (MH or HPS) fixtures that replace, one for one, existing mercury vapor or incandescent fixtures qualify. The HID system must have a mean lamp/ballast efficacy of 45 LPW for compact sources (≤ 100 Watts), and 55 LPW for standard or full-sized sources (> 100 Watts). Metal halide fixtures under 400 must be Pulse-start and can use either electronic or electromagnetic ballasts. Roadway and street lamps do not qualify.

Metal Halide Pulse Start Retrofit Fixtures

Only Pulse-Start metal halide lamps/ballasts ≤ 350 Watts that replace existing standard metal halide lamps/ballasts qualify.

Occupancy Sensors

This rebate applies to infrared and/or ultrasonic detectors only. Wall switch and wall- or ceiling-mounted lighting sensors must be hardwired and control interior fixtures. Self-contained wall switch lighting sensors (that are designed to replace a standard wall switch) must not control more than 500 Watts. Wall- or ceiling-mounted sensors must not control more than 1,000 Watts. **Plug-load sensors** must control electricity-using equipment in offices or cubicles, including shared copiers and/or printers. This measure is not eligible for any other rebates.

Other Items

Photocells - Rebate applies to built-in or stand-alone photocells that switch outdoor lighting loads on at dusk and off at dawn.

Time Clocks - Must control lighting equipment. All units must feature a minimum 3-hour battery back-up to avoid time loss during power outages. For outdoor lighting without a photocell, astronomical time clocks (where on-off time follows sunset and sunrise) are required.

LED/LEC Exit Signs - Only new exit signs that replace incandescent exit signs qualify. Non-electrified (such as tritium) and remote exit signs are not eligible. All new exit signs must meet UL-924 requirements. Exit signs must have a usage level ≤ 5 Watts and a minimum product life of 10 years or be listed as ENERGY STAR® -qualified. Manufacturers information stating the model number and ENERGY STAR® qualification or other qualifying specification sheet must be submitted with each rebate form. New exit signs must meet local fire codes. Retrofit kits are not eligible.

Ceramic Metal Halide (CMH) Fixtures - Only complete new CMH fixtures that replace, one for one, existing incandescent, halogen. Or halogen infrared fixtures qualify. CMH lamps must be < 75 Watts with mean lamp/ballast efficacy > 55 LPW.

Channel Signs (LED) - Must replace incandescent-lighted or neon-lighted channel letter signs. Only red LED retrofit kits or complete replacement signs using red LED are eligible. Replacement signs cannot use more than 20% of the actual input power of the sign that is replaced. Measure the length of the sign as follows:

1. Measure the length of each individual letter at the centerline. Do not measure the distance between letters.
2. Add up the measurements of each individual letter to get the length of the entire sign being replaced.

****Note** - SVP recommends that all lamp quantity purchases over 250 be competitively bid. The incentive amount will be adjusted for CFL quantities over 100:

1 to 100	= Full Incentive
101 to 500	= \$1.00 less/lamp than full incentive
501 to 1000	= \$1.50 less/lamp than full incentive
1001 and over	= Contact SVP for incentive adjustment