

PRESCRIPTIVE LIGHTING

Energy Efficient Schools Initiative

Completing the Lighting Measure Application

- Fill in all fields on page 1 and the applicable measure fields on pages 2-4.
- If applying for multiple buildings, include an application for each building.

General Eligibility Requirements for Lighting Systems and Controls

- All lamps, ballasts, fixtures, and controls installed must be new. Used or rebuilt equipment is not eligible.
- Please attach:
 - 1) Main Energy Efficient Schools program application
 - 2) Equipment specification sheets, including product manufacturer and model number
 - 3) A table identifying equipment type and quantity by location (e.g., room number, cafeteria, etc.)

Building Information			
Building Name		Building Size (square feet)	
Address 1		Contact Name	
Address 2		Day Phone	
City	State	Zip	E-mail

Utility Information	
Electric Utility	Account Number(s)
Gas Utility	Account Number(s)

Individual Measure Incentive Totals

Lighting Systems (pages 2, 3 and 4) Total \$ _____


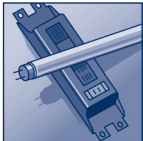

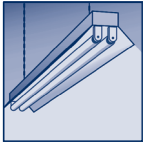
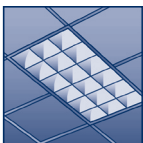
Lighting Controls (page 4) Total \$ _____

Grand Total Lighting Systems and Controls Incentive Requested \$ _____

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LIGHTING SYSTEMS

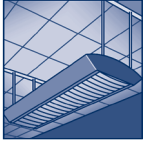
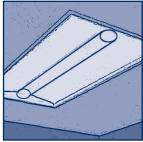
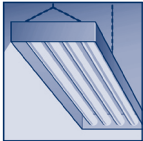
Measure Description and Eligibility Criteria	Measure Code	Eligible Installations	Number of Units	Unit Incentive	Total Incentive
<p>LED Exit Signs</p> <ul style="list-style-type: none"> The entire LED exit sign must be new, replacing an existing sign. Retrofit kits are not eligible. LED exit signs must be rated at less than 5 watts per side. New construction projects are not eligible. 	ES	New LED Exit Sign		Replacement \$15 per sign	
<p>High Performance T8 Relamp and Reballast</p> <ul style="list-style-type: none"> Installed lamps and ballasts of high performance T8 retrofits must be on the CEE T8 high performance or reduced wattage list or meet the CEE T8 high performance or reduced wattage specifications.¹ One unit = 1 to 4 lamps and 1 ballast. Retrofits must be an upgrade of an existing T12 fixture. Applicants are encouraged to evaluate light level requirements and, where possible, reduce the number of lamps per fixture. 	HPT8	Upgrade an Existing T12 Fixture with New High Performance T8 Lamps and Ballasts		Retrofit \$60 per fixture	
<p>New Fluorescent Fixtures</p> <ul style="list-style-type: none"> T5 and high performance T8 systems are eligible. Four-foot linear T8 lamps and associated ballasts must be included in the CEE high performance list or meet CEE high performance specifications.¹ Two-foot lamps must have a minimum efficacy of 75 mean lumens/watt and must be driven by high performance T8 ballasts. Four-foot U-shaped lamps must have a minimum efficacy of 79 mean lumens/watt and must be driven by high performance T8 ballasts. One Unit = 1 new fixture with 1 to 4 lamps and 1 ballast. In replacement projects, new fixtures must replace existing T12 fixtures.  	NFNC	New Lighting Fixture with T5 or High Performance T8 Lamps and Ballasts		New Construction \$10 per fixture	
	NFR			Replacement \$35 per fixture	
<p>High Efficiency Troffer Fixture</p> <ul style="list-style-type: none"> New fixture T8 lamps and ballasts must be listed on the CEE high performance list or meet CEE high performance specifications. One unit = 1 fixture with 2 lamps and 1 ballast. Overall fixture efficiency must exceed 80% for both prismatic lensed and parabolic fixtures. In replacement projects, new fixtures and retrofit kits must replace T12 fixtures. 	HETNC	Recessed or Surface Mounted High Efficiency Troffer Fixture with High Performance T8 Lamps and Ballasts		New Construction \$15 per fixture	
	HETR			Replacement \$45 per fixture	

¹ The Consortium for Energy Efficiency maintains specifications and a list for High Performance and Reduced Wattage T8 lamps and ballasts. The list is updated frequently and is available at <http://www.cee1.org/com-lt/com-lt-main.php3>.

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LIGHTING SYSTEMS *(continued from page 2)*

Measure Description and Eligibility Criteria	Measure Code	Eligible Installations	Number of Units	Unit Incentive	Total Incentive
<p>Pendant Direct/Indirect Fluorescent Fixture</p>  <ul style="list-style-type: none"> T5, T5 high output (HO), and high performance T8 systems are eligible. Four-foot linear T8 lamps and associated ballasts must be included in the CEE high performance list or meet CEE high performance specifications.¹ One unit = a 4' length (stand-alone or continuous runs) of new fixture with 1 to 3 lamps. Overall fixture efficiency must exceed 80%. Ceiling must have a reflectivity of 80% or greater. Fixture must be installed according to manufacturers guidelines for pendant length and spacing. Uplight component must be 60% or greater. 	PENDNC	Indirect and Direct/Indirect T5 or High Performance T8 Fixtures		New Construction \$25 per fixture	
	PENDR			Replacement \$60 per fixture	
<p>High Efficiency Low Glare Fixture</p>  <ul style="list-style-type: none"> T5, T5 high output (HO), and high performance T8 systems are eligible. Four-foot linear T8 lamps and associated ballasts must be included in the CEE high performance list or meet CEE high performance specifications.¹ One unit = 1 fixture with 1 or 2 lamps and 1 ballast. Overall fixture efficiency must exceed 80% and a minimum of 15% of the zonal lumens must be between 60 and 90 degrees. Fixture must incorporate advanced lighting distribution and glare control features.² 	HELGNC	Recessed High Efficiency T5 or High Performance T8 Fixture with Low Glare Features		New Construction \$25 per fixture	
	HELGR			Replacement \$60 per fixture	
<p>High Intensity Fluorescent</p>  <ul style="list-style-type: none"> T5, T5 high output (HO), and high performance T8 systems are eligible. Four-foot linear T8 lamps and associated ballasts must be included in the CEE high performance list or meet CEE high performance specifications.¹ Each fixture must have a wattage greater than 125W. Fixtures must be installed in areas with ceiling heights of 15' or greater. One unit = 1 fixture with 3-12 lamps. Overall fixture efficiency must exceed 80%. <p>Additional Incentive for Fixture Mounted Occupancy Sensor</p> <ul style="list-style-type: none"> New construction or retrofit. Each eligible fixture should contain a passive infrared and/or ultrasonic occupancy sensor that controls the ballasts and lamps within the fixture. Fixtures controlled by "on" overrides are NOT eligible. 	HIFNC	New Fluorescent Fixture for High and Low Bay Applications		New Construction \$35 per fixture	
	HIFR			Replacement \$125 per fixture	
	HIFOC	Fixture Mounted Occupancy Sensor		New Construction/Replacement \$20 per sensor	



¹ The Consortium for Energy Efficiency maintains specifications and a list for High Performance and Reduced Wattage T8 lamps and ballasts. The list is updated frequently and is available at <http://www.cee1.org/com/com-It/com-It-main.php3>.

² Examples of lighting fixtures with advanced glare reduction features include: Lithonia RT-5; Columbia ZPT; Ledalite Pure FX; Metalux Accord; Lightolier HP90; Day-brite Softrace; H.E. Williams HET. For other fixtures, please contact EESI.




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LIGHTING SYSTEMS *(continued from page 3)*

Measure Description and Eligibility Criteria	Measure Code	Eligible Installations	Number of Units	Unit Incentive	Total Incentive
LED Parking Lot Lighting  <ul style="list-style-type: none"> The fixture must have an efficacy of at least 50 lumens per watt. The light output must be 2,300 lumens or greater. The minimum lumen maintenance must be 94.1% or greater at 6,000 hours per IES LM-80. LM-79 and LM-80 test documentation must be submitted to verify performance characteristics of the installed fixtures. 	PLNC	LED Parking Lot Lights		New Construction \$200	
	PLR			Replacement \$400	
LED Downlights  <ul style="list-style-type: none"> LED downlight fixture must carry the ENERGY STAR label. 	LEDCANNC	ENERGY STAR LED Downlights		New Construction \$25	
	LEDCANR			Replacement \$40	
<i>(enter on page 1)</i> Total Lighting Systems Incentive Requested \$					

LIGHTING CONTROLS

Measure Description and Eligibility Criteria	Measure Code	Eligible Installations	Number of Units	Unit Incentive	Total Incentive
Wall Mounted Occupancy Sensors  <ul style="list-style-type: none"> Hardwired, passive infrared and/or ultrasonic wall-mounted occupancy detectors are eligible. Installations must comply with manufacturer's guidelines on coverage and maximum controlled watts. New construction projects are not eligible. Occupancy sensors or installations with manual "on" override capability are NOT eligible. 	WMOC	Wall Mounted Occupancy Sensors		\$35 per sensor	
Remote Mounted Occupancy Sensors  <ul style="list-style-type: none"> Passive infrared and/or ultrasonic remote mounted occupancy detectors are eligible. Installations must comply with manufacturer's guidelines on coverage and maximum controlled watts. Wall switchplate mounted sensors are NOT eligible. 	RMOC	Remote Mounted Occupancy Sensor		\$95 per sensor	
Daylight Dimming Controls  <ul style="list-style-type: none"> Each eligible unit should consist of a photo sensor that controls a minimum of two dimming ballasts and fluorescent lamps. Dimming should be continuous or stepped at four or more levels. Wall switchplate mounted sensors are NOT eligible. 	DDNC	Photo Sensor and Associated Dimming Ballasts		New Construction \$40 per sensor	
	DDR			Retrofit \$75 per sensor	
<i>(enter on page 1)</i> Total Lighting Controls Incentive Requested \$					