

FEW ENERGY STAR® TABLE LAMPS EXIST

Few homeowners have bought table lamps with compact fluorescent lamps (CFLs) because many CFLs have poor performance (e.g., flicker starting, slow warm up, poor color, etc.). ENERGY STAR®-rated products provide assurance of reliable product performance, and most consumers recognize the ENERGY STAR logo. However, few ENERGY STAR rated portable table lamps exist.

Based on data gathered at a series of U.S.EPA workshops, the PIER Lighting Research Program selected four fixture manufacturers and supported development of mid- to high-end portable indoor fixtures that use pin-based CFLs rather than screw-in lamps and qualify for the ENERGY STAR label.

Plans called for making the fixtures from the four manufacturers available in the California marketplace by early 2006. The products target various markets, including residential, assisted living, and the hospitality markets.

Pricing for each product varies greatly by manufacturer and depends on the specific market targeted.



*High Performance
Task Light
by MaxLite*

DEVELOPING ENERGY EFFICIENT RESIDENTIAL LIGHT FIXTURES

*EACH PRODUCT FROM THE FOUR PARTICIPATING
MANUFACTURERS IS UNIQUE.*

*AMERICAN FLUORESCENT – THE HALIFAX TASK
LAMP USES AN ELECTRONIC BALLAST WITH
PROGRAMMED START, 40-WATT CIRCULAR CFL,
AND DOES NOT HAVE A DIMMER.*

*FIRE & WATER - THE FIBONACCI SERIES TABLE
LAMP USES AN ELECTRONIC BALLAST AND A 26-
WATT CFL. A DIMMABLE VERSION IS PLANNED.*

*MAXLITE - THIS HIGH PERFORMANCE TASK LAMP
USES AN ELECTRONIC BALLAST, AN 18-WATT CFL,
AND DOES NOT HAVE A DIMMER.*

*POWERLUX - THE LA VISTA TASK LAMP FEATURES
AN ELECTRONIC BALLAST AND THREE LAMPS: A 57-
WATT CFL, A 55-WATT CIRCLINE, AND AN LED.
SWITCHING PROVIDES UPLIGHT, DOWNLIGHT, AND
NIGHT LIGHT MODES.*



*LaVista Task Lamp
by PowerLux*

ENERGY EFFICIENT WITH LONGER LAMP LIFE



*Fibonacci Series Table Lamp
by Fire & Water Lighting*

For a typical high use fixture, replacing a 120-watt incandescent fixture with a 30-watt ENERGY STAR fixture saves approximately \$11.33 per year and \$113.30 over the proposed life of the fixture. If the projected 20,000 fixtures enter the market in the first year, California residents would realize electric savings of over \$226,000 in the first year and have quality lighting with longer lamp life.



*Halifax Task Lamp
by American Fluorescent*

INTERESTED?

owners/managers, homeowners, code developers, and utility staff can use the information on the ENERGY STAR Portable Residential Fixture Project.

Key next steps include:

- Educate homeowners and building owners/managers in the target markets.
- Find buildings with high quantities of portable incandescent fixtures that would be ideal adopters.
- Work with utilities and manufacturers to identify incentive opportunities.

To obtain more information about these products, visit the manufacturer websites:

- American Fluorescent: www.americanfluorescent.com (products HAD2054SNE9 and HAD2054SNE9CD)
- Fire and Water: www.cyberg.com
- MaxLite: www.maxlite.com
- PowerLux: www.powerlux.com

This project was part of the PIER Lighting Research Program. To view the project reports, as well as other current research activities, visit www.energy.ca.gov/pier.

Additional information about this technology can be found on this PIER Contractor site: www.archenergy.com/lrp/products/energystar.htm

Information about another effort to develop new ENERGY STAR fixtures may be found at: www.LightingForTomorrow.com.



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PORTABLE RESIDENTIAL LIGHT FIXTURES



ENERGY STAR[®]
CERTIFIED FIXTURES
ENSURE PERFORMANCE



Public Interest
Energy Research