

PIER LRP ENERGY STAR® Residential Light Fixtures

The goal of the California Energy Commission's PIER Lighting Research Program (LRP) is to create new lighting technology and products that save energy, reduce peak demand, and reduce pollution for the citizens of California. Based on data gathered at a series of EPA workshops, the LRP is supporting four lighting manufacturers to develop mid- to high-end portable indoor fixtures, which utilize pin-based CFLs rather than screw-in bulbs and qualify for the ENERGY STAR® label. The manufacturers — American Fluorescent, Fire & Water, MaxLite, and PowerLux — developed these high quality fixtures. They will be available in the California marketplace in the summer of 2004. The products target residential, assisted living, and the hospitality markets.

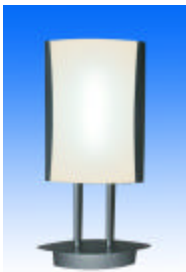


American Fluorescent – www.americanfluorescent.com

Halifax Task Lamp: This product uses an electronic ballast with program start, 55-watt circular CFL, and does not have a dimmer. The color-rendering index (CRI) is 82.3 and the correlated color temperature (CCT) is 2700.

Fire & Water – www.cyberg.com/fw/fw.htm

Fibonacci Series Table Lamp: This product uses an electronic ballast, 26-watt CFL, and does not have a dimmer. The CRI is 82.3 and the CCT is 2648.



MaxLite – www.maxlite.com

High Performance Task Light: Product uses an electronic ballast, 18-watt CFL, and does not have a dimmer. The CRI is 84 and CCT is 2800. It has a two dimensional appearance with numerous 'looks' from which to choose.

PowerLux – www.powerlux.com

La Vista Task Lamp. The product features an electronic ballast and three lamps: 57-watt CFL, 55-watt circular, and an LED. Switching provides uplight, downlight, and nightlight modes for the user. The CRI is 82 and the CCT is 3000 for the CFL lamps.



Information about this project and other PIER LRP research is publicly available through PIER's Lighting Research Program on the following web sites: www.energy.ca.gov/pier/buildings/projects/500-01-041-0.html or www.archenergy.com/lrp.