

# Green ProCA

## Energy Star



ENERGY STAR is a joint programme of the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy. In 1992 the ENERGY STAR was introduced as a voluntary labelling programme designed to identify and promote-efficient products to reduce greenhouse gas emissions. Computers and monitors were the first labelled products.<sup>1</sup> In 2001 the European Union signed an Agreement with US EPA to introduce the ENERGY STAR in Europe as well (though only for office equipment), thereby recognizing each other as Partner in the ENERGY STAR programme. This allows potential partners in the European Union to sign up through the European Commission, who is responsible for the EU ENERGY STAR Programme.

An ENERGY STAR specification for residential light fixtures was introduced in 1997 assigning the combination of quality and attractive design with highest levels of energy efficiency.<sup>2</sup> The current ENERGY STAR label specifications are effective for CFLs since December 2008 and for LEDs since August 2010. Key performance requirements are energy efficiency, lumen maintenance, lifetime, starting time, warm-up time, mercury content etc.<sup>3</sup>

Now the label is on major appliances, office equipment, lighting, home electronics and more.

Link<sup>1</sup>: [www.energystar.gov/about](http://www.energystar.gov/about)

Link<sup>2</sup>: [www.energystar.gov/products/certified-products/detail/light-fixtures](http://www.energystar.gov/products/certified-products/detail/light-fixtures)

Link<sup>3</sup>: [www.energystar.gov/products/lighting\\_fans/light\\_bulbs/learn\\_about\\_led\\_bulbs](http://www.energystar.gov/products/lighting_fans/light_bulbs/learn_about_led_bulbs)