



ENERGY STAR

# ADVANCED LIGHTING PACKAGE FOR NEW HOMES



COMFORT. SAVINGS.  
A BRIGHTER ENVIRONMENT.

*WHAT MORE CAN YOU ASK FOR?*

# ENERGY STAR® QUALIFIED LIGHTING

## **ENERGY STAR Advanced Lighting The Future of Lighting, Today.**

You have the opportunity to make a change for the better, and the way you light your home is a perfect place to start. The fixtures in an ENERGY STAR Advanced Lighting Package use about 75% less energy than the fixtures used in standard incandescent lighting packages. Greater energy-efficiency helps us all save money, makes the most of our energy resources, decreases the need for new power plants, lowers our reliance on energy imports, and reduces the emissions of greenhouse gases and air pollutants from power plants.

## **About the ENERGY STAR Advanced Lighting Package**

An ENERGY STAR Advanced Lighting Package designation identifies homes equipped with a comprehensive set of ENERGY STAR qualified light fixtures. With an Advanced Lighting Package installed, home buyers can expect to save energy and money through reduced lighting operating costs—while sacrificing nothing for

aesthetics! ENERGY STAR qualified fixtures are available in many designs and fixture types, giving homeowners a wide range of choices to create just the right look for their homes.

The Advanced Lighting Package designation applies to lighting packages for new home construction and renovations that consist of a minimum of 60% ENERGY STAR qualified hard-wired fixtures inside and out and 100% ENERGY STAR qualified ceiling fans where installed.

## **About ENERGY STAR Qualified Fixtures**

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy, helping us all save money and protect the environment through energy-efficient products and practices.

Quality is built into the ENERGY STAR guidelines set by the U.S. EPA to ensure that qualified fixtures light within one second, have excellent color rendering, and use bulbs that last at least 10,000 hours (about nine\* years of average household use).

\* For indoor fixtures operating an average of 3 hours per day.



BEAUTIFY THE ENVIRONMENT  
INSIDE AND OUTSIDE YOUR  
HOME WITH ENERGY STAR  
QUALIFIED LIGHTING.

# BENEFITS OF AN ENERGY STAR ADVANCED LIGHTING PACKAGE

## Energy Bill Savings

You can save more than \$300 per year in energy bills and bulb replacement costs just by installing an ENERGY STAR ALP.<sup>†</sup> That's because the bulbs used in ENERGY STAR qualified lighting use about 75% less energy than standard models and last 10 times as long.

## Improved Quality

ENERGY STAR qualified light fixtures, available in many attractive styles, offer the benefits of reduced electric bills, reduced maintenance and replacement costs, and decreased cooling loads. Residential lighting fixtures that have earned the ENERGY STAR also come with a two-year warranty, double the industry standard. Qualified ceiling fans offer a minimum 30-year motor warranty and 2-year light kit warranty.

## Enhanced Comfort

ENERGY STAR qualified lighting fixtures are cool to the touch, keep you more comfortable, and help reduce home cooling costs.

Save even more while staying cool with ENERGY STAR qualified ceiling fans and

light kits, which together are 50% more energy-efficient than conventional fan/light units. Make sure to adjust the thermostat while using ceiling fans to save additional energy and money on your air conditioning costs.

## Environmental Protection

More than half of the country's electricity supply is produced by burning coal. Lowering energy use at home helps prevent greenhouse gas emissions and air pollutants at the source. An ENERGY STAR qualified fixture prevents more than 450 pounds of greenhouse gas emissions over its lifetime, the equivalent of keeping nearly 200 pounds of coal from being burned.

## Did You Know?

If every new home that is built in the United States used the ENERGY STAR Advanced Lighting Package, we would prevent greenhouse gases equivalent to the emissions of nearly 220,000 cars and save more than \$190 million/year—the equivalent of paying off the electricity bill for nearly 167,000 homes for a full year!

<sup>†</sup> Assumes an Advanced Lighting Package consisting of 18 ENERGY STAR qualified fixtures, operating 3.13 hours per day, at 11.3 cents per kilowatt-hour. All savings assumptions are available upon request.

# FREQUENTLY ASKED QUESTIONS

## **How much does this option cost?**

An ENERGY STAR Advanced Lighting Package will cost you less than a standard lighting package! This is because the additional cost of an Advanced Lighting Package is more than offset by the money you save each month with lower energy bills. Advanced, higher quality lighting that actually costs you less—now there's a bright idea!

## **How does the quality of the fixtures compare?**

Quality is built into the ENERGY STAR guidelines set by the US Environmental Protection Agency. This gives you the assurance of bright, warm, long-lasting lighting. Fixtures and light kits that have earned the ENERGY STAR also come with a two-year warranty—double the industry standard. Qualified ceiling fans offer minimum 30-year motor and 1-year component warranties.

## **Are replacement bulbs hard to find?**

Not at all. They are sold at home improvement centers, hardware stores, lighting showrooms, and other major retail stores, including on-line stores.

## **How can I maximize savings with ENERGY STAR qualified ceiling fans?**

ENERGY STAR qualified ceiling fans move air more efficiently than typical fan models and can be used year-round to save energy and money. Operate the fan in the counter-clockwise direction in the summer and clockwise direction on low speed in the winter. Adjust the thermostat during fan use to save on cooling and heating bills.

## **How can I learn more?**

To learn more about ENERGY STAR and the Advanced Lighting Package, visit the ENERGY STAR Web site at [www.energystar.gov](http://www.energystar.gov) or call the ENERGY STAR hotline at **1-888-STAR-YES** (1-888-782-7937).

YOU CAN SAVE MORE THAN  
\$300 PER YEAR IN ENERGY  
COSTS JUST BY INSTALLING  
AN ENERGY STAR ADVANCED  
LIGHTING PACKAGE.



Office of Air and Radiation (6202J)

EPA-430-F-09-073

[www.epa.gov](http://www.epa.gov)

June 2009