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ENERGY STAR®, a U.S. Environmental Protection Agency program, helps us all save money and protect our environment through energy efficient products and practices. For more information, visit www.energystar.gov.

ENERGY STAR Advanced Lighting Package

Taking Energy-Efficient Lighting to the Next Level

Lighting adds beauty and drama to a home. It can make a small room look open and airy or a large room appear cozy and inviting. Keeping a home filled with light, however, can require a significant amount of energy. The ENERGY STAR Advanced Lighting Package (ALP) helps reduce energy use. ALP complements the ENERGY STAR label for new homes by identifying homes equipped with a comprehensive set of ENERGY STAR qualified lighting fixtures and ceiling fans.

BENEFITS OF THE ADVANCED LIGHTING PACKAGE

- **Energy Cost Savings.** ENERGY STAR qualified lighting typically uses 75 percent less energy than standard incandescent bulbs. ENERGY STAR qualified ceiling fans with lights are about 50 percent more efficient than conventional fan/light units.
- **Improved Quality.** ENERGY STAR qualified lighting fixtures meet strict EPA guidelines for energy efficiency and produce warm, long-lasting light without slow starts or annoying flicker or hum.
- **Less Time on a Ladder.** The bulbs in ENERGY STAR qualified fixtures and ceiling fan light kits can last up to 10 times longer than standard bulbs, which means homeowners change bulbs less frequently.
- **Enhanced Comfort.** ENERGY STAR qualified lighting generates about 75 percent less heat than standard incandescent lighting, which translates into reduced home cooling costs and added comfort during the summer months.
- **Environmental Protection.** Power plants generate the energy that powers most homes. Lowering energy use at home helps prevent greenhouse gas emissions and air pollutants at the source.



FEATURES OF THE ADVANCED LIGHTING PACKAGE

To receive the ALP designation, a home must include ENERGY STAR qualified lighting fixtures for:

- 50 percent of the total fixtures in high-use rooms, such as the family room or kitchen;
- 25 percent of the total fixtures in medium or low-use rooms, such as the office or bedroom; and
- 50 percent of the total number of outdoor fixtures, excluding landscape lighting.
- In addition, 100 percent of the ceiling fans must be ENERGY STAR qualified. ENERGY STAR qualified light kits in ceiling fans can be counted toward the fixture requirement. (Ventilation fans in bathrooms do not need to be labeled.)



Below is a summary of the projected savings associated with ALP at different electricity prices.

Potential Savings from the ENERGY STAR Advanced Lighting Package					
Electricity price per kilowatt hour (in dollar-cents)	\$0.12½	\$0.10½	\$0.8½	\$0.7½	\$0.6½
Number of fixtures replaced with ENERGY STAR qualified fixtures in the home	6-22	6-22	6-22	6-22	6-22
Total annual electricity and bulb replacement savings realized (in dollars)	\$48-\$177	\$41-\$150	\$33-\$122	\$30-\$108	\$26-\$94
Total savings over 8 years* (in dollars)	\$283-\$1,038	\$223-\$817	\$163-\$596	\$133-\$486	\$102-\$396

*For more information, please visit the [ENERGY STAR® ADVANCED LIGHTING PACKAGE SAVINGS LOOK-UP TOOL](#)

A BETTER FUTURE

ENERGY STAR is a voluntary partnership between the government and more than 9,000 organizations, including more than 3,500 of the nation's home builders. Together with home buyers and their families, we are working to achieve a common goal—protecting the environment for future generations by changing to more energy-efficient practices and products today.

ENERGY STAR is the government-backed symbol for energy efficiency. It identifies new homes, buildings, and more than 50 types of products that are energy efficient and offer the features, quality, and performance that today's consumers expect. Products that can earn the ENERGY STAR include windows, heating and cooling equipment, lighting, and appliances. To learn more about ENERGY STAR, visit www.energystar.gov.