



LEARN MORE AT
energystar.gov

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 (ALP) Energy Bill Savings Chart

This table illustrates the potential annual energy bill and bulb replacement savings that could be realized by using fixtures that earned the ENERGY STAR in your home. ENERGY STAR qualified lighting provides bright, warm light similar to incandescent while requiring less energy, generating less heat, and use bulbs lasting up to 10 times longer.

Electricity price per kilowatt-hour	Fixture quantity	Total annual electricity and bulb replacement savings	Increase to home sales price	Total annual mortgage increase	Net annual electricity and bulb replacement savings	Net savings over bulb life (approximately 9 years)
\$0.12	40	\$485	\$500	\$37	\$448	\$3,591
	36	\$436	\$450	\$33	\$403	\$3,232
	32	\$388	\$400	\$30	\$358	\$2,872
	28	\$339	\$350	\$26	\$314	\$2,513
	24	\$291	\$300	\$22	\$269	\$2,154
	20	\$242	\$250	\$18	\$224	\$1,795
	16	\$194	\$200	\$15	\$179	\$1,436
	12	\$145	\$150	\$11	\$134	\$1,077
	8	\$97	\$100	\$7	\$90	\$718



The ALP Defined:

- + A comprehensive set of ENERGY STAR qualified light fixtures and ceiling fans.
- + Must consist of a minimum of 60% ENERGY STAR qualified hard-wired fixtures—indoor and/or outdoor.
- + All ceiling fans must be ENERGY STAR qualified.

ENERGY STAR QUALIFIED LIGHTING USES 75% LESS ENERGY THAN STANDARD LIGHTING AND LASTS UP TO 10 TIMES LONGER





LEARN MORE AT
energystar.gov

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 (ALP) Energy Bill Savings Chart

This table illustrates the potential annual energy bill and bulb replacement savings that could be realized by using fixtures that earned the ENERGY STAR in your home. ENERGY STAR qualified lighting provides bright, warm light similar to incandescent while requiring less energy, generating less heat, and use bulbs lasting up to 10 times longer.

Electricity price per kilowatt-hour	Fixture quantity	Total annual electricity and bulb replacement savings	Increase to home sales price	Total annual mortgage increase	Net annual electricity and bulb replacement savings	Net savings over bulb life (approximately 9 years)
\$0.10	40	\$413	\$500	\$37	\$376	\$2,935
	36	\$372	\$450	\$33	\$338	\$2,641
	32	\$330	\$400	\$30	\$301	\$2,348
	28	\$289	\$350	\$26	\$263	\$2,054
	24	\$248	\$300	\$22	\$226	\$1,761
	20	\$207	\$250	\$18	\$188	\$1,467
	16	\$165	\$200	\$15	\$150	\$1,174
	12	\$124	\$150	\$11	\$113	\$880
	8	\$83	\$100	\$7	\$75	\$587



The ALP Defined:

- + A comprehensive set of ENERGY STAR qualified light fixtures and ceiling fans.
- + Must consist of a minimum of 60% ENERGY STAR qualified hard-wired fixtures—indoor and/or outdoor.
- + All ceiling fans must be ENERGY STAR qualified.

ENERGY STAR QUALIFIED LIGHTING USES 75% LESS ENERGY THAN STANDARD LIGHTING AND LASTS UP TO 10 TIMES LONGER





LEARN MORE AT
energystar.gov

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 (ALP) Energy Bill Savings Chart

This table illustrates the potential annual energy bill and bulb replacement savings that could be realized by using fixtures that earned the ENERGY STAR in your home. ENERGY STAR qualified lighting provides bright, warm light similar to incandescent while requiring less energy, generating less heat, and use bulbs lasting up to 10 times longer.

Electricity price per kilowatt-hour	Fixture quantity	Total annual electricity and bulb replacement savings	Increase to home sales price	Total annual mortgage increase	Net annual electricity and bulb replacement savings	Net savings over bulb life (approximately 9 years)
\$0.08	40	\$341	\$500	\$37	\$304	\$2,279
	36	\$307	\$450	\$33	\$274	\$2,051
	32	\$273	\$400	\$30	\$243	\$1,823
	28	\$239	\$350	\$26	\$213	\$1,595
	24	\$205	\$300	\$22	\$183	\$1,367
	20	\$171	\$250	\$18	\$152	\$1,139
	16	\$136	\$200	\$15	\$122	\$911
	12	\$102	\$150	\$11	\$91	\$684
	8	\$68	\$100	\$7	\$61	\$456



The ALP Defined:

- + A comprehensive set of ENERGY STAR qualified light fixtures and ceiling fans.
- + Must consist of a minimum of 60% ENERGY STAR qualified hard-wired fixtures—indoor and/or outdoor.
- + All ceiling fans must be ENERGY STAR qualified.

ENERGY STAR QUALIFIED LIGHTING USES 75% LESS ENERGY THAN STANDARD LIGHTING AND LASTS UP TO 10 TIMES LONGER





LEARN MORE AT
energystar.gov

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 (ALP) Energy Bill Savings Chart

This table illustrates the potential annual energy bill and bulb replacement savings that could be realized by using fixtures that earned the ENERGY STAR in your home. ENERGY STAR qualified lighting provides bright, warm light similar to incandescent while requiring less energy, generating less heat, and use bulbs lasting up to 10 times longer.

Electricity price per kilowatt-hour	Fixture quantity	Total annual electricity and bulb replacement savings	Increase to home sales price	Total annual mortgage increase	Net annual electricity and bulb replacement savings	Net savings over bulb life (approximately 9 years)
\$0.07	40	\$305	\$500	\$37	\$268	\$1,951
	36	\$275	\$450	\$33	\$242	\$1,756
	32	\$244	\$400	\$30	\$215	\$1,560
	28	\$214	\$350	\$26	\$188	\$1,365
	24	\$183	\$300	\$22	\$161	\$1,170
	20	\$153	\$250	\$18	\$134	\$975
	16	\$122	\$200	\$15	\$107	\$780
	12	\$92	\$150	\$11	\$81	\$585
	8	\$61	\$100	\$7	\$54	\$390



The ALP Defined:

- + A comprehensive set of ENERGY STAR qualified light fixtures and ceiling fans.
- + Must consist of a minimum of 60% ENERGY STAR qualified hard-wired fixtures—indoor and/or outdoor.
- + All ceiling fans must be ENERGY STAR qualified.

ENERGY STAR QUALIFIED LIGHTING USES 75% LESS ENERGY THAN STANDARD LIGHTING AND LASTS UP TO 10 TIMES LONGER





LEARN MORE AT
energystar.gov

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 (ALP) Energy Bill Savings Chart

This table illustrates the potential annual energy bill and bulb replacement savings that could be realized by using fixtures that earned the ENERGY STAR in your home. ENERGY STAR qualified lighting provides bright, warm light similar to incandescent while requiring less energy, generating less heat, and use bulbs lasting up to 10 times longer.

Electricity price per kilowatt-hour	Fixture quantity	Total annual electricity and bulb replacement savings	Increase to home sales price	Total annual mortgage increase	Net annual electricity and bulb replacement savings	Net savings over bulb life (approximately 9 years)
\$0.06	40	\$269	\$500	\$37	\$232	\$1,623
	36	\$242	\$450	\$33	\$209	\$1,460
	32	\$215	\$400	\$30	\$186	\$1,298
	28	\$189	\$350	\$26	\$163	\$1,136
	24	\$162	\$300	\$22	\$139	\$974
	20	\$135	\$250	\$18	\$116	\$811
	16	\$108	\$200	\$15	\$93	\$649
	12	\$81	\$150	\$11	\$70	\$487
	8	\$54	\$100	\$7	\$46	\$325



The ALP Defined:

- + A comprehensive set of ENERGY STAR qualified light fixtures and ceiling fans.
- + Must consist of a minimum of 60% ENERGY STAR qualified hard-wired fixtures—indoor and/or outdoor.
- + All ceiling fans must be ENERGY STAR qualified.

ENERGY STAR QUALIFIED LIGHTING USES 75% LESS ENERGY THAN STANDARD LIGHTING AND LASTS UP TO 10 TIMES LONGER



General Assumptions	
estimate	Household fixture quantity.
6.25% Interest 30 Year	Mortgage impact based on. (Source: www.wellsfargo.com, 10.29.07, base loan \$225,000)
1095	Average annual hours of use (3 hours per day).
Base Line Assumptions	
68	Average bulb wattage.
1.64	Average # of sockets/fixture.
\$40	Average initial fixture cost.
\$0.75	Average annual bulb replacement cost.
1000	Average Rated Lamp Life.
ES Assumptions	
18	Average bulb wattage.
1.64	Average # of sockets/fixture.
\$53	Average initial fixture cost.
\$0	Average annual bulb replacement cost.
10,000	Average rated lamp life.