Appliance Standards Awareness Project

2026 State Clean Lighting

Savings estimates for: Maryland

State	Potential annual reductions in 2035		Potential annual electricity savings in 2035 (GWh)	Potential annual electricity bill savings in 2035 (million 2024$)
	Mercury in lamps shipped (lbs)	CO_2 emissions (thous. MT)		
Maryland	2.0	20	149	20

Assuming a compliance date of 2028.

State	Potential cumulative reductions through 2050		Cumulative electricity savings through 2050 (GWh)	Cumulative electricity bill savings through 2050 (million 2024$)
	Mercury in lamps shipped (lbs)	CO_2 emissions (thous. MT)		
Maryland	41	303	1,785	236

Assuming a compliance date of 2028.

Fluorescent vs. LED: Economic analysis for most-shipped lamps (commercial sector)

Fluorescent lamp type	LED incremental cost (2024$)	First-year electricity bill savings from LED (2024$)	Life-cycle cost savings from LED (2024$)	Payback period (years)
4-foot T12 – 40 W	1.43	9.29	47	0.2
4-foot T12 – 34 W	4.71	6.67	36	0.7
4-foot T8	0.55	4.62	29	0.1
4-foot T5	3.08	5.98	39	0.5
4-foot T5 high output	5.45	11.91	77	0.5