

## Appliance Standards Awareness Project

### 2026 State Clean Lighting

#### Savings estimates for: Indiana

| State   | Potential annual reductions in 2035 |                                       |                                                    |                                                                    |
|---------|-------------------------------------|---------------------------------------|----------------------------------------------------|--------------------------------------------------------------------|
|         | Mercury in lamps shipped (lbs)      | CO <sub>2</sub> emissions (thous. MT) | Potential annual electricity savings in 2035 (GWh) | Potential annual electricity bill savings in 2035 (million 2024\$) |
| Indiana | 2.7                                 | 31                                    | 213                                                | 25                                                                 |

Assuming a compliance date of 2028.

| State   | Potential cumulative reductions through 2050 |                                       |                                                   |                                                                   |
|---------|----------------------------------------------|---------------------------------------|---------------------------------------------------|-------------------------------------------------------------------|
|         | Mercury in lamps shipped (lbs)               | CO <sub>2</sub> emissions (thous. MT) | Cumulative electricity savings through 2050 (GWh) | Cumulative electricity bill savings through 2050 (million 2024\$) |
| Indiana | 56                                           | 593                                   | 2,523                                             | 283                                                               |

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                          | 8.59                                                  | 43                                        | 0.2                    |
| 4-foot T12 – 34 W     | 4.71                          | 6.17                                                  | 33                                        | 0.8                    |
| 4-foot T8             | 0.55                          | 4.27                                                  | 27                                        | 0.1                    |
| 4-foot T5             | 3.08                          | 5.53                                                  | 36                                        | 0.6                    |
| 4-foot T5 high output | 5.45                          | 11.01                                                 | 70                                        | 0.5                    |