

Appliance Standards Awareness Project 2021 State Appliance Standards Recommendations

Assumptions and inputs for state-regulated general service lamps

Table 1. 2018 stock of state-regulated lamps by lamp type

Lamp category	Incandescent		LED		Total lamps (million)
	Lamps (million)	% of total	Lamps (million)	% of total	
Reflector	249	32%	536	68%	785
Globe	359	80%	92	20%	452
Misc. A-type	41	70%	17	30%	58

Table 2. Assumed average wattage, lifetime, and per-unit energy use by lamp category and lamp type

Lamp category and lamp type	Average wattage (W)	Average lifetime (years)	Average per-unit annual energy use (kWh)
Reflector			
<i>Incandescent</i>	65	2.5	66.9
<i>LED</i>	8.5	13	8.6
Globe			
<i>Incandescent</i>	40	6.8	24.4
<i>LED</i>	4.5	19.6	2.7
Misc. A-type			
<i>Incandescent</i>	72	1.5	61.2
<i>LED</i>	11	16	9.5