

# ENERGY WASTE

What is light pollution costing us?



**13%** of residential electricity use in the U.S. is for outdoor lighting



Average House

Bad outdoor lighting wastes

**0.5 kilowatt-hours (kWh)** of energy per house, per night

**0.5 kWh** of electricity

=  
enough energy to power a 50-inch plasma TV for 1 hour



## SKYGLOW

is the artificial brightness of the night sky that's caused by light pollution.

About **35%** of light is wasted by unshielded and/or poorly-aimed outdoor lighting

About **15 million** tons of CO<sub>2</sub> are emitted each year in order to power residential outdoor lighting in the U.S.

CO<sub>2</sub>

About **3 million** passenger cars have the same CO<sub>2</sub> emission rate, which is 40,000 tons per day.



This is about **\$3 BILLION** per year worth of energy lost to skyglow



Which is about **\$10.00**

spent for every adult and child in the US every year

About **600 million** trees would need to be planted to offset that amount of carbon emission

