

Install

Light sensors and turn off

lights when not in use





ENERGY EFFICIENCY

Reducing energy waste and cost by maintaining productivity of the same tasks, using less energy.



"Energy saving technologies keep improving faster than they're applied

EFFICIENCY IS AN EVER LARGER AND CHEAPER RESOURCE"

Amory Lovins

LIGHTING

01 Bulbs

02 Sensors



01

bulbs

bulbs



INCANDESCENT



**COMPACT
FLOURESCENT
LAMP**



**LIGHT-
EMITTING
DIODE**

IND

60 Watt
1,000 lifetime
hours

CFL

14 Watt
8,500 lifetime
hours

LED

7 Watt
25,000 lifetime
hours

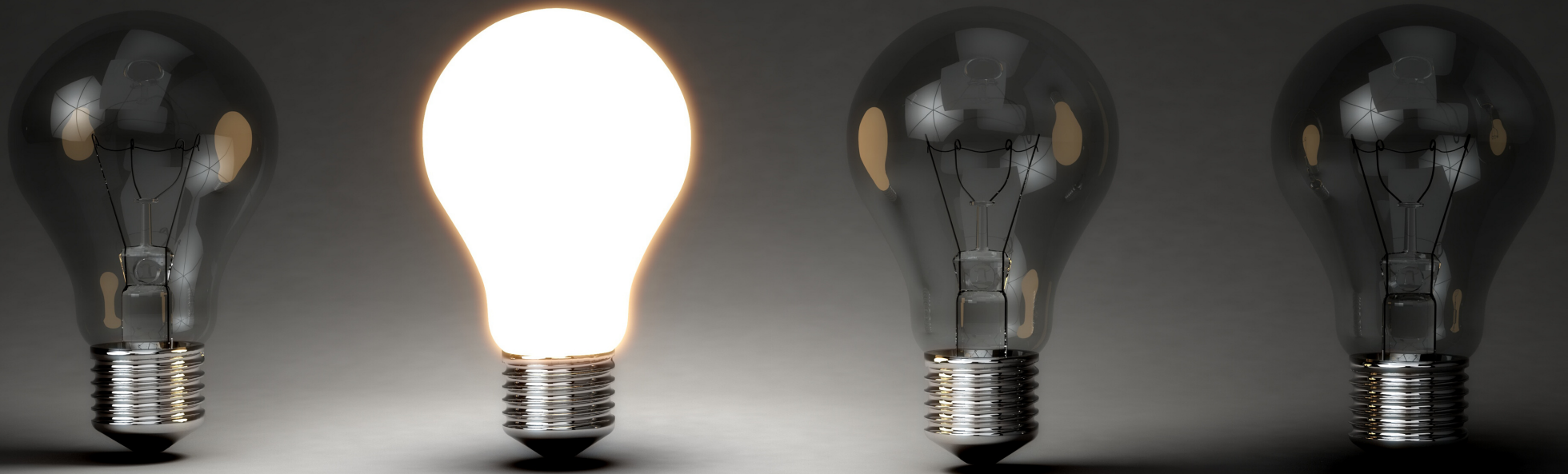
20 Million
Lumen-hours:
~22 bulbs

20 Million
Lumen-hours:
~3 bulbs

20 Million
Lumen-hours:
~1 bulb



TURN OFF WHEN NOT IN USE!



the greenest watt is one never used

02

sensors

sensors



motion



light

motion sensor

a device that **detects movement** and triggers a response, in this case, turning on or off lights. This allows lights to be on only when **necessary**



outdoor

often used as an adaptation for outdoor security lights, limit lighting time during night

indoor

occupancy sensor, responds to the presence or absence of a person by automatically controlling lights or temperature.

WHY

reducing cost

- minimize time lights are on
- reduce light bulb consumption
- never accidentally leave lights on

security purposes

- makes trespassers visible
- less predictable
- can startle unwanted visitors

spare a watt



save a lot

types

INDOOR

infrared

- detects heat
- good for high ceilings

ultrasonic

- does not require direct line of sight
- highly sensitive

OUTDOOR

tomographic

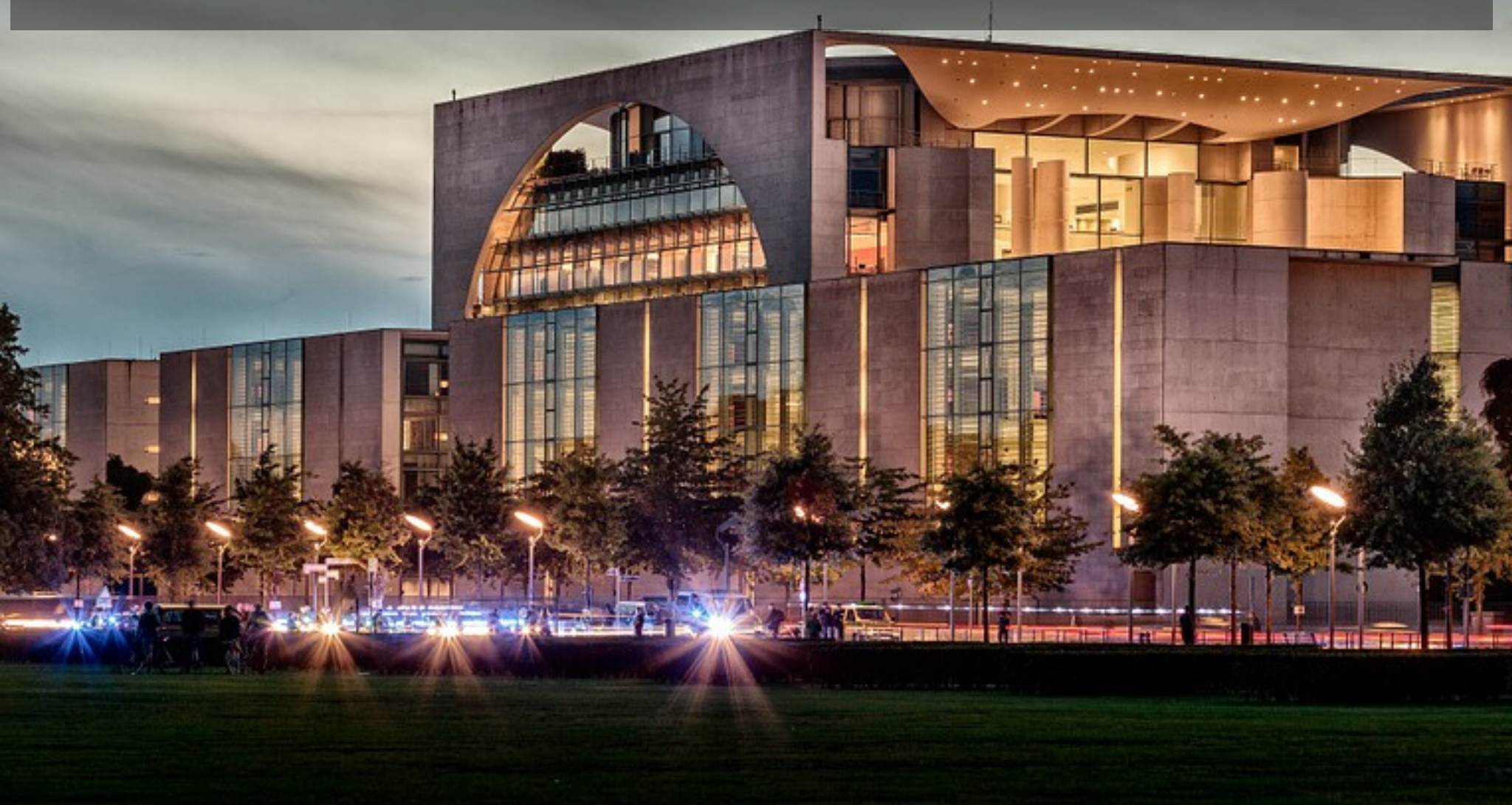
- does not require direct line of sight
- can cover large areas

dual technology

- combines multiple features
- very versatile

photo sensors

An electronic device that detects a presence or change in light energy: visible, infrared, and ultraviolet.



WHY

This device can turn off outside lights or motion sensors during the day time when they are no longer needed, and similarly turn them on at night when they are.

REDUCE COST

- reduce accidents by reliable turning on and off lights
- reduce energy on turned on lights and bulb lifespans

TIMING

- unaffected by seasonal changes
- unaffected by daylight savings

Thank You

FOR BEING A PIONEER OF
CHANGE AND CREATING A
WORLD THAT IS KIND TO ITS
PEOPLE AND ITS HOME

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GLOBAL
CLIMATE
Pledge