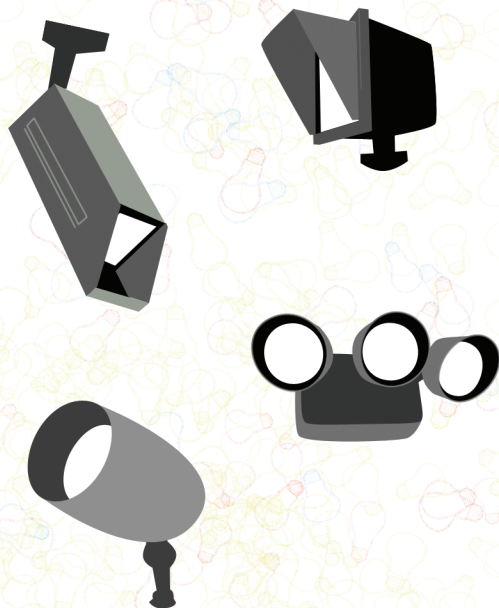


**CHOOSE THE RIGHT
FIXTURES AND ACCESSORIES
TO REDUCE
LIGHT POLLUTION.**



**WANT MORE INFORMATION?
PLEASE CONTACT YOUR LOCAL EXTENSION OFFICE:**



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light pollution

WHAT IS IT?
WHY DOES IT MATTER?
HOW YOU CAN MAKE A DIFFERENCE.



you
can make
Sustainable Choices
to reduce light pollution!

What is light pollution?

Light Pollution Is...

- Unwanted or harmful manmade light

How Can Light Be Harmful?

- When outside light shines into our homes at night, it may create problems by...
 - Interfering with our body clocks
 - Interfering with our sleep patterns
 - Fading our belongings
- When light shines into the night sky, it creates problems by...
 - Hiding the beauty of the night sky
 - Interfering with wildlife
- Light pollution wastes energy!

How Is Wasting Energy Harmful?

- Light pollution wastes \$2.2 billion in the United States alone
- Light pollution uses up resources, yet serves no useful purpose
 - Almost 2/3 of the electricity used in the United States comes from non-renewable fossil fuels
- The process of generating electricity contributes to air pollution

Reducing the energy we waste as light pollution can make a difference!



How can we reduce light pollution?

Modify Existing Lighting Fixtures

- There are simple and inexpensive ways to reduce light pollution!
- When possible, add accessories like shields, visors, or hoods to lighting fixtures
- Make sure lights are aimed properly and are not shining directly into windows or into the sky
- Eliminate unnecessary lighting

Install New Lighting Fixtures

- If old lighting fixtures cannot be modified to prevent light pollution, consider replacing them with *full cut-off* or *dark-sky friendly* fixtures
 - *Full cut-off* lighting fixtures are shielded, so that their light is “cut off” at a certain point; this makes sure that the light shines only where it is useful
 - *Dark-sky* refers to a night sky that allows us to see the stars clearly and is free of artificial glow from lighting fixtures
 - *Dark-sky friendly* lighting fixtures direct light onto walkways or streets, not into the sky



Consider this...

Light and Community

- Some communities have established lighting ordinances and curfews, in order to conserve electricity, reduce unneeded or unwanted light, and preserve the beauty of the night sky

Light and Health

- In 2009, the American Medical Association (AMA) resolved to support light pollution reduction efforts

Choosing Well

- When replacing old fixtures, consult with an electrician who can advise you about planning and provide installation
 - Not all lighting fixtures are designed to accept accessories
 - Read all lighting fixture and accessory instructions carefully
- When purchasing new fixtures, consider fixtures from reputable manufacturers that bear the International Dark-Sky Association's (IDA) Fixture Seal of Approval logo
 - The logo means that a fixture that has been evaluated and approved by third party certification as minimizing light pollution