

Dark Sky Friendly Lighting Basics

Modern society requires outdoor lighting for a variety of needs, including safety and commerce. The International Dark Sky Alliance (IDA) recognizes this and advocates that any required lighting be used wisely. Good lighting fixtures are essential, and their installation and use is also important. If outdoor light is necessary, follow these guidelines to prevent or minimize light pollution:

1. Useful. All light should have a clear purpose, how it impacts wildlife and environment. Consider reflective paints or self-luminous markers as alternative.
2. Targeted. Direct light only to where needed, use shielding and aiming to target light beam down, below horizontal so no light escapes into the night sky.
3. Low Light Levels. Light should be no brighter than needed.
4. Controlled. Limit use of light to when useful, consider timers, motion detectors, dimmers
5. Color. Use warm color lights where possible, limit shorter wavelength (blue-violet)

See www.darksky.org/wp-content/uploads/2020/05/Light-to-Protect-the-Night-Five-Principles-for-Responsible-Outdoor-Lighting-IDAIES-01-1.png

Find Dark Sky Friendly Lighting

IDA's Fixture Seal of Approval program certifies Dark Sky Friendly outdoor lighting fixtures, meaning that they minimize night sky pollution, glare and light trespass onto adjacent areas.

See www.darksky.org/our-work/lighting/lighting-for-industry/fsa/

All approved products are fully shielded and minimize the amount of blue light in the nighttime environment. To learn more about good outdoor lighting, visit IDA's Lighting Basics page at www.darksky.org/our-work/lighting/

Finding What You Need

IDA doesn't sell lighting, but maintains lists of Night Sky Friendly fixtures and retailers.

To find fixtures see our Dark Sky Products page www.darksky.org/our-work/lighting/lighting-for-industry/fsa/fsa-products/

To find sources for Night Sky Friendly fixtures, see the IDA Dark Sky Retailers page <http://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/retailers/>



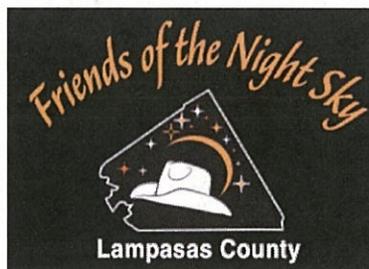
For more information:

<https://www.facebook.com/lampasascfriends>

Lampasas County Friends of the Night Sky

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More details



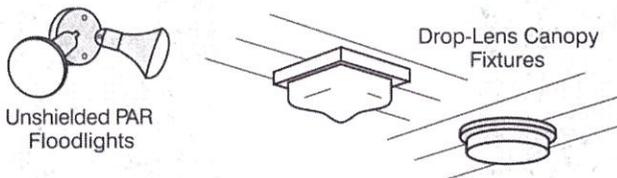
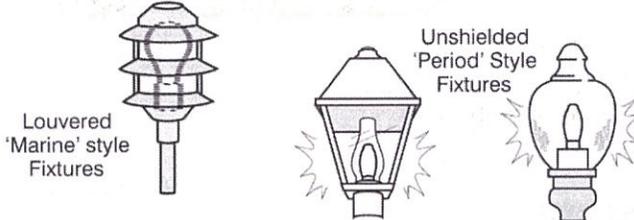
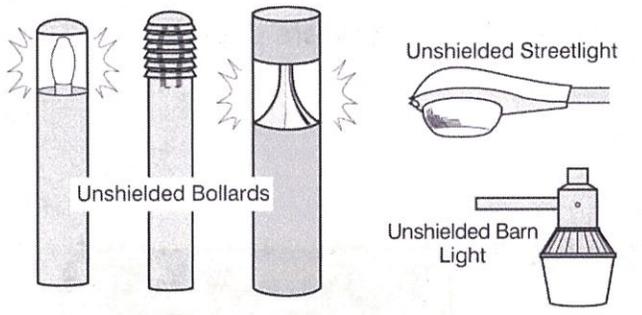
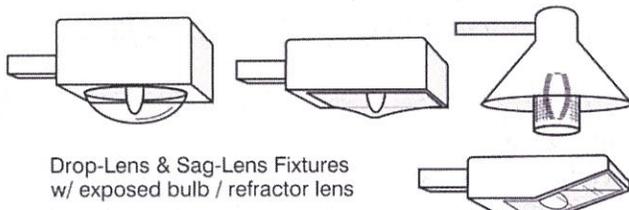
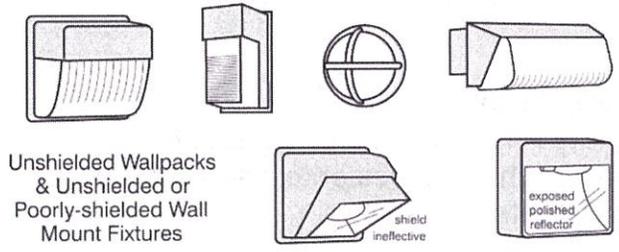
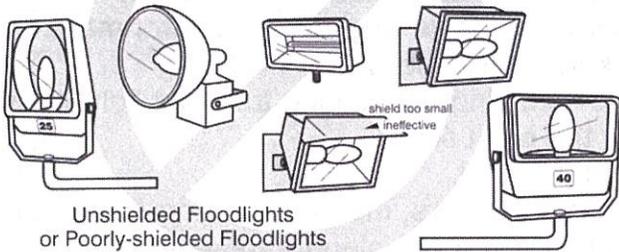
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Examples of Acceptable / Unacceptable Lighting Fixtures

Unacceptable / Discouraged

Fixtures that produce glare and light trespass



Acceptable

Fixtures that shield the light source to minimize glare and light trespass and to facilitate better vision at night

