

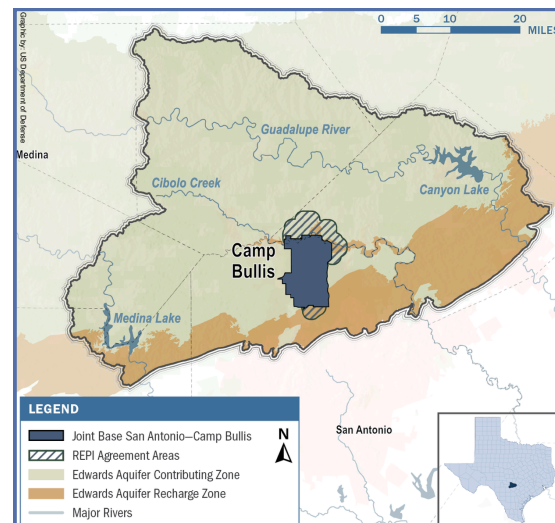
THE IMPORTANCE OF NIGHT

Sentinel Landscape Partnership

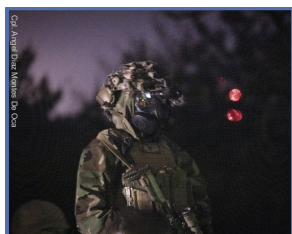
The Sentinel Landscape Partnership is a national program that recognizes and supports local, exemplary initiatives committed to sustaining compatible land uses (e.g., farming, ranching, forestry, wildlife habitat, parks, and open spaces) around military installations as a non-regulatory strategy for supporting military readiness.

Camp Bullis Sentinel Landscape (CBSL) Partnership

The CBSL Partnership is a locally led, non-regulatory collaborative committed to mission sustainment at Joint Base San Antonio-Camp Bullis. We strive towards a healthy landscape that enhances military readiness while sustaining working lands, open spaces, and natural resources critical to the region's vitality and future.



The CBSL covers 949,744 acres of the Texas Hill Country.



Military Readiness & Night Sky Preservation

By reducing light pollution, the Camp Bullis Sentinel Landscape helps to maintain an effective low-light training environment. Training in low-light conditions requires minimal ambient light, like moonlight, or simulating near-total darkness. This is essential for improving skills such as navigation, target identification, medical maneuvers, and the use of night-vision equipment, which are required by both air and ground personnel.

Light Pollution & Types

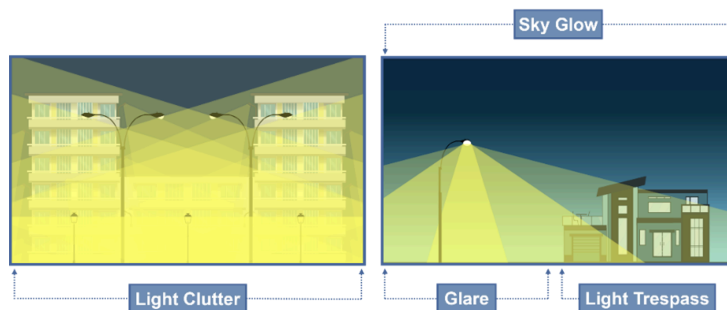
Light pollution, a form of artificial light at night (ALAN), is the disruption of natural darkness in outdoor environments and the brightening of the night sky caused by artificial exterior lighting.

Glare | intense and blinding light that reduces visibility

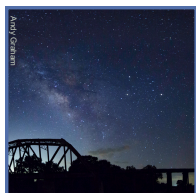
Light Clutter | bright lights grouped together in an excessive manner

Light Trespass | light falling across property lines or where it is not needed or wanted

Sky Glow | brightening of the night sky resulting from the scattering and reflection of light in the atmosphere

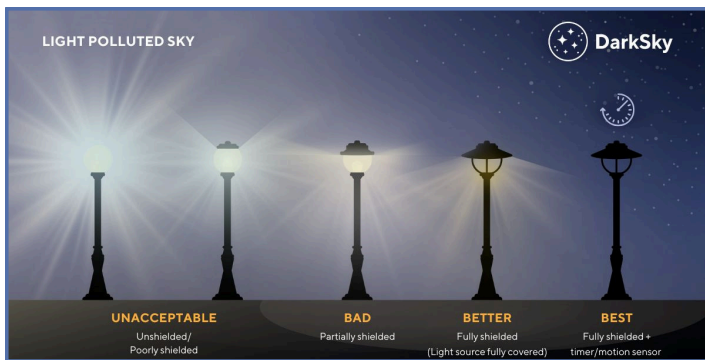


The Impacts of Light Pollution



- Compromised military readiness
- Loss of the night sky
- Perpetual twilight
- Impeded wildlife communication
- Thwarted animal migration
- Hindered plant life cycles
- Diminished melatonin production
- Disrupted circadian rhythm
- Constrained visibility
- Restricted scientific research
- Declined tourism
- Wasted energy

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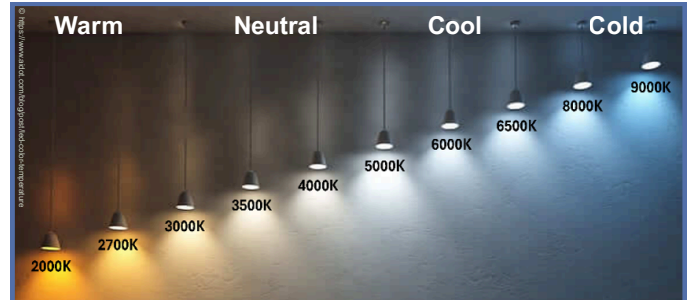


DarkSky International's Five Principles of Responsible Outdoor Lighting

- Useful** | Use light only if it is needed
- Targeted** | Direct light so it falls only where it is needed
- Low Level** | Light should be no brighter than necessary
- Controlled** | Use light only when it is needed
- Warm Colored** | Use warmer color lights where possible

The Color Temperature of Light

The color of light is measured in degrees Kelvin (K), from 1000K (a reddish-orange glow) to 10000K (a bluish-white light). Color temperatures above 1600K emit more blue light, suppressing melatonin production, impairing daytime functioning, and increasing health risks for both people and wildlife. Choosing warm-colored bulbs between 1600K and 2200K—and not exceeding 3000K—can reduce these harmful effects, while preserving more natural darkness and reducing glare.



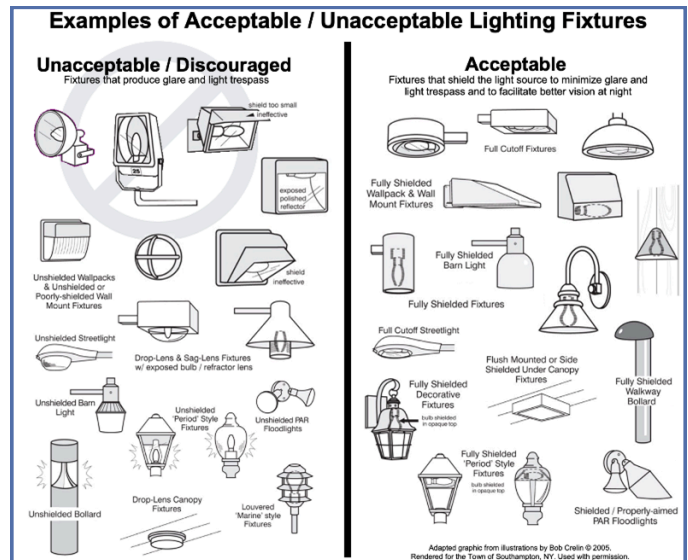
How to Get Involved

AT HOME & WORK

- Conduct an audit of exterior lighting at your home and place of business to see if the fixtures meet the Five Principles
- Learn to identify the difference between acceptable and unacceptable lighting fixtures and practices
- Know how to recognize the different types of light pollution and share what you know with friends and family

IN YOUR COMMUNITY

- Visit and support communities and parks designated as International Dark Sky Places
- Become an advocate for the night sky and join or start a Friends of the Night Sky Group
- Learn about outdoor lighting ordinances and policies where you live, supporting change where needed
- Most importantly, get out and under some dark and starry skies!



The Camp Bullis Sentinel Landscape Partnership & Night Sky Preservation

To reduce and mitigate light pollution, the Camp Bullis Sentinel Landscape Partnership, nearly 60 organizations strong, is working collaboratively to preserve night skies vital to military readiness, public health, ecosystems, and local economies. United by a shared commitment to safeguarding training capabilities at Camp Bullis, the Partnership advances regional awareness and promotes compatible land uses that limit skyglow and encroachment. Through technical support to local governments, active engagement with community partners, and science-based assessments that monitor trends, the effort lays a strong foundation for long-term dark sky protection across the region.



Visit www.CampBullisTexas.org or scan this QR code for more information.

