# Dark Skies for Healthy People & Planet

## The International Dark Sky Association (IDA)

is the recognized authority on light pollution. Their mission is to preserve and protect the nighttime environment by promoting environmentally responsible outdoor lighting.

The IDA has taken the lead on researching, identifying, and publicizing the impacts of artificial light on human health, wildlife, and climate change. They have partnered with the American Medical Association to help educate the public.

This light fixture is IDA compliant. It is also 100% solar powered! Each light fixture operates independently and is not "tied to the electric grid," meaning they can be installed anywhere – no need to bury wires!

#### **FUN FACT**

Lonely Planet named night sky tourism a top travel trend, noting that for 99% of people in Europe and the U.S., the night sky is obscured by artificial lighting.

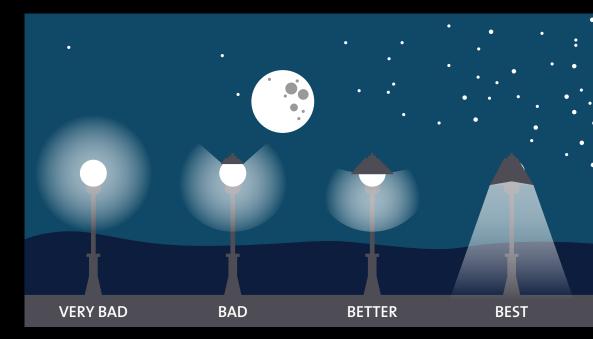


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Photo by Guille Pozzi on Unsplash

#### Choose These Best Practices

- 1. Fully shielded fixtures that emit no upward light and reduce glare.
  - 2. Warm Color Temperature: Use LED bulbs less than 3,000 Kelvins to minimize blue emission.
    - 3. Use products with adaptive controls such as dimmers, timers, and motion sensors.
    - 4. Light only the exact space and the minimum amount required for particular tasks.



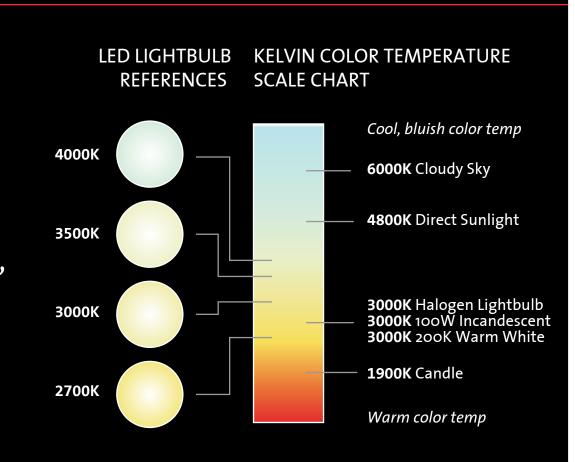
Fully shielded fixtures minimize light pollution and glare.
They also maximize efficiency, putting light where
you need it most.

### Dark Skies Benefits:

- Natural sleep patterns for wildlife and humans.
- Astronomers can see better.
- Less interference with animal migration patterns.
- No "glare induced blindness," safer for drivers and pilots.
- Endorsed by the American Medical Association.

## Keep the Kelvins (K) Under 3K!

Color temperature is measured in Kelvins (K). Bluish lighting over 3000K creates harsh glare and can make it difficult to see at night. Bluish lights can also suppress melatonin production, leading to disrupted sleep and other human and animal ecosystem health risks.





Sponsored by the Grand Traverse Band of Ottawa and Chippewa Indians

