



What is light pollution?

Seen from space, the Earth appears to glow in the dark. Nevertheless, light pollution is still an unknown concept to many, although it is a rapidly evolving field of research.

We use light everywhere. Even where it is not necessary. The city lights do not stop at the city limits, but shine high and wide, creating light pollution. Light pollution is a pervasive form of environmental change and it increases every year. More than 80% of the Earth's population live under light-polluted skies where the Milky Way is not visible.

Our excessive use of light at night affects the entire biosphere. Day light and night darkness calibrate the biological clock and maintain a natural circadian rhythm for all life on Earth - plants, animals and humans.



Simple advice for considerate and environmentally friendly lighting

Tips for considerate outdoor lighting

Using lighting is not a matter of on or off. We need both light and darkness. However, it's unnecessary to illuminate the sky (and your neighbor's garden) to make your way to your front door.

YOU help protect night darkness, nature and the environment (and save money) if you follow some simple advice:

- Only use outdoor lighting when and where necessary.
- Use timers and sensors. (You'll save energy, and in Denmark homes with sensor-controlled outdoor lighting have three times fewer burglaries than homes without.)
- Use a shielded, warm light source that is directed downwards without shining upwards or to the sides.
- Choose warm color cast. Avoid blue hue.

DARK SKY PARK BULBJERG

www.darksky.org/places/dark-sky-park-bulbjerg/
 Facebook: Dark Sky Park Bulbjerg
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 **DARK SKY PARK**
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Dark Sky Park Bulbjerg

Welcome to one of the darkest areas in Denmark: Bulbjerg-Troldsting-Lild Strand. In December 2023, the area was certified as a Dark Sky Place by DarkSky International. There is a total of about 250 certified Dark Sky Places in the world.

In the deep darkness of the night in Dark Sky Park Bulbjerg, you experience the galaxy Milky Way in all its splendor with its 1-400 billion stars and a sparkling firmament with planets and the northern hemisphere's many beautiful and classic constellations.

Sea, sky, dunes, beach and bird cliffs. In the dark, all your senses are sharpened and you get an experience of nature which you will never forget - and which you can share with your loved ones. The dark sky area stretches over 12.5 km² from Ellidsbølvej over Troldsting and Bulbjerg to the historic fishing village Lild Strand and from there into the dune heath all the way to Flommaens Bakke to the west.

Close to Lild Strand you will find a planet trail which gives you a sense of the distances in our solar system.

Tips for stargazers

- Put on warm clothes and sturdy shoes/hiking boots
- Bring binoculars
- If necessary, bring sleeping mats and sleeping bags
- Bring along a hot drink
- Take 20-30 minutes to get your eyes used to the dark
- Use as little light as possible. Avoid white light. Red light does not disturb your night vision



Bulbjerg is a good lookout when the Northern Lights illuminate the night sky (photo: Christian Faber)

Walk in the dark in Dark Sky Park Bulbjerg – location Flommaens Bakke



DarkSky



DarkSky International is a non-profit organization with the mission and vision to highlight the harmful effects of ever-growing light pollution on nature, people, climate and the environment and to point out the need to protect the darkness of the night.

The intention of getting the night darkness at Bulbjerg-Troldsting-Lild Strand certified is to encourage more children and adults to experience the night sky and to disseminate knowledge about the great importance of night darkness for nature and people in order to influence us towards more sustainable behavior.

In a Dark Sky Place, it shouldn't just be dark. There must also be living quarters and lighting, so that the focus is on appropriate lighting and environmentally conscious behavior. To achieve certification, the street lighting in Lild Strand has thus been adapted to the environmentally friendly DarkSky standard with shielded, downward-directed light in warm hue.