

Light Pollution Reduction Opportunities GreenGrace Chattanooga

This is a beginning list of ways to reduce light pollution, listed by range of cost effectiveness.

1. Turn off outdoor lights after 10pm
2. Shade windows of lit rooms at night
3. Work with neighbors to educate the need for reducing light pollution
4. Request shielding for street lighting from your municipality's public works dept.
5. Use lower wattage and/or long wavelength bulbs, LED or other
6. Use motion censored lighting outdoors
7. Use ground directed light fixtures outside of doors, on staircases, etc.
8. Add (or replace with) motion sensors and timers to existing outdoor fixtures
9. Utilize Municipal Codes, if other avenues fail, to address bad actors

Resources:

EPB has no official light pollution reduction policies posted, however, we are awaiting contact from an engineer to discuss possibilities.

Exterior Light Ordinance, City of Chattanooga:

<https://chattanooga.gov/city-council-files/OrdinancesAndResolutions/Ordinances/Ordinances%202010/12380%20City%20Code%20Section%2038-33%20Exterior%20Lighting.pdf>

DarkSky.org, International Dark-Sky Association, has a great step-by-step guide here:

<https://www.darksky.org/our-work/lighting/lighting-for-citizens/residentialbusiness-lighting/>

Finding dark friendly fixtures:

<https://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/fsa-products/>

Lighting and Crime:

<https://www.darksky.org/light-pollution/lighting-crime-and-safety/>

Want to encourage your policymakers?

<https://www.darksky.org/our-work/lighting/public-policy/policy-makers/>

Xerces Society for Invertebrate Conservation:

<https://xerces.org/publications/guidelines/conserving-jewels-of-night>

National Wildlife Federation:

<https://www.nwf.org/Magazines/National-Wildlife/2009/Shining-New-Light-on-Light-Pollution>