



January 26, 2022

BY EMAIL

Ken Kerr, Member, House of Delegates
Maryland
ken.kerr@house.state.md.us

Re: The LED Fraud

Dear Ken Kerr,

Thank you for your efforts to protect students with epilepsy and your sponsorship of the Brynleigh's Act bill. However, we didn't see anything in the bill to prevent exposure to LED light beams, one of the triggers of epileptic seizures.

Utility companies have made the fraudulent claim that LEDs are energy efficient. By committing this fraud, the utility companies have convinced government agencies and consumers across America to switch to LED lights with the promise of saving energy. LEDs do not save energy; instead, they emit a toxic, hazardous, discriminatory substance that is making Americans agitated and angry, increasing violence, causing epileptic seizures, migraines, panic attacks and eye damage.

- 1) An incandescent light bulb and a High-Pressure Sodium lamp provide the service of uniform illumination. LEDs and laser beams provide a service of high intensity light beams. Because the two services are entirely different, an energy efficiency comparison cannot be made between the two types of products.¹
- 2) Per the story in NPR on Baltimore's climate change lawsuit, "*Baltimore is asking state courts to weigh in on what Sokol calls a 'long-standing, systematic deceptive marketing campaign designed to hide the catastrophic dangers, of fossil fuels.'*"² The utility companies preyed on the city's desire to reduce energy use. The utility companies earned millions of dollars by fraudulently claiming that LEDs are energy efficient when that statement is not true.
- 3) The results of the LED fraud are wasted taxpayer dollars, no improvement in climate change goals, a massive increase in the number of light emitters, and an increase in mood disorders, premature births, violence, loss of sleep, anger, agitation, seizures, migraines, emotional trauma, and short-term and long-term eye damage.

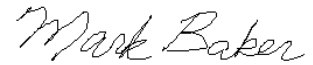
¹ https://www.energystar.gov/about/about_energy_efficiency

² <https://www.npr.org/2022/01/25/1075560742/oil-lawsuit-climate-change-baltimore>

- 4) The non-uniform spatial shape of LED light beams interferes with the proper functioning of human nerves, and in the case of people with epilepsy, will trigger seizures. Many people with epilepsy are being injured every day due to LED lights.

We are including our report titled, The LED Fraud which contains more details and references to source material. The damage being caused by LED lights is similar in scope to the damage being caused by climate change but with more immediate impact. For the protection of students with epilepsy, we request that that the Brynleigh's Act be amended to protect students from LED lights so as to prevent epileptic seizures.

Sincerely,



Mark Baker
President

Soft Lights Foundation
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