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Soft Lights Mail - Flat Surface LEDs



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## Flat Surface LEDs

1 message

**Mark Baker** <mbaker@softlights.org>  
To: Steven Croley <scroley@ford.com>  
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Sun, Jan 16, 2022 at 2:30 AM

Dear Steven Croley, General Counsel, Ford Motor Company,

On August 18, 2020, Wes Siler wrote an article for Outside Magazine about LED headlights. <https://www.outsideonline.com/2416096/everything-you-need-know-about-driving-lights> I wrote a letter to Mr. Siler about the toxicity of LEDs and he responded by calling me names, so little progress was made.

Then, in January 2022, one of our members sent me another article by Mr. Siler. <https://www.outsideonline.com/outdoor-gear/cars-trucks/halogen-led-headlights/>



I was stunned to read how much Mr. Siler has learned about LED headlights. For the first time that I have ever seen in a magazine, a reporter wrote, "*Worse, LEDs emit light from a single-sided surface, rather than from a bulb. While the company that produces the bulbs I bought claims they, "[create] a similar light output profile as compared with*

*the original filament bulb for an accurate beam pattern," there's just no way a flat surface, or even two of them, can replicate the spread of light created by a globe." and "So what's the answer? I swung by the autoparts store and picked up a \$20 set of [Sylvania Silverstar Ultras](#). They're halogen bulb— just like what came stock on the Ranger—only a little higher quality. Their light output is noticeably superior to the LEDs, and maintains an even spread of light."*

Mr. Siler's quotes are exactly correct. LEDs emit visible radiation from a flat surface and create a non-uniform beam that is toxic, hazardous and discriminatory. NHTSA has never approved a flat-surface emitter for use in vehicles, neither aftermarket or OEM. NHTSA FMVSS-108 is applicable only to uniform emitters such as the halogens that Mr. Siler eventually purchased and which provided a superior and even spread of light.

Attached is the letter from NHTSA stating that NHTSA has never approved a single aftermarket LED headlight.

Mr. Siler's letter in Outside Magazine, highlighting the fraudulent claims of LED technology, cannot be understated and corroborates the scientific information that we have previously submitted to Ford and NHTSA. Our petition now has tens of thousands of signatories demanding protection from LED headlights: <https://www.change.org/p/u-s-dot-ban-blinding-headlights-and-save-lives> Because of the significance of Mr. Siler's article, I have copied David Harkey of the Insurance Institute for Highway Safety, several automotive writers, the House Oversight Committee, the DOT and NHTSA.

All LED headlights on the road today are illegal. Ford is liable for fraudulently self-certifying LED headlights as FMVSS-108 compliant when they are not. Ford must issue a recall of all vehicles that were sold with LED headlights to protect the safety of all drivers and pedestrians.

Sincerely,

Mark Baker  
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