

November 4, 2021

To:

Dr. Steve Dickson, Administrator
Federal Aviation Administration
Steve.dickson@faa.gov

Re: Hazardous Spatially Heterogeneous Radiation for Illumination

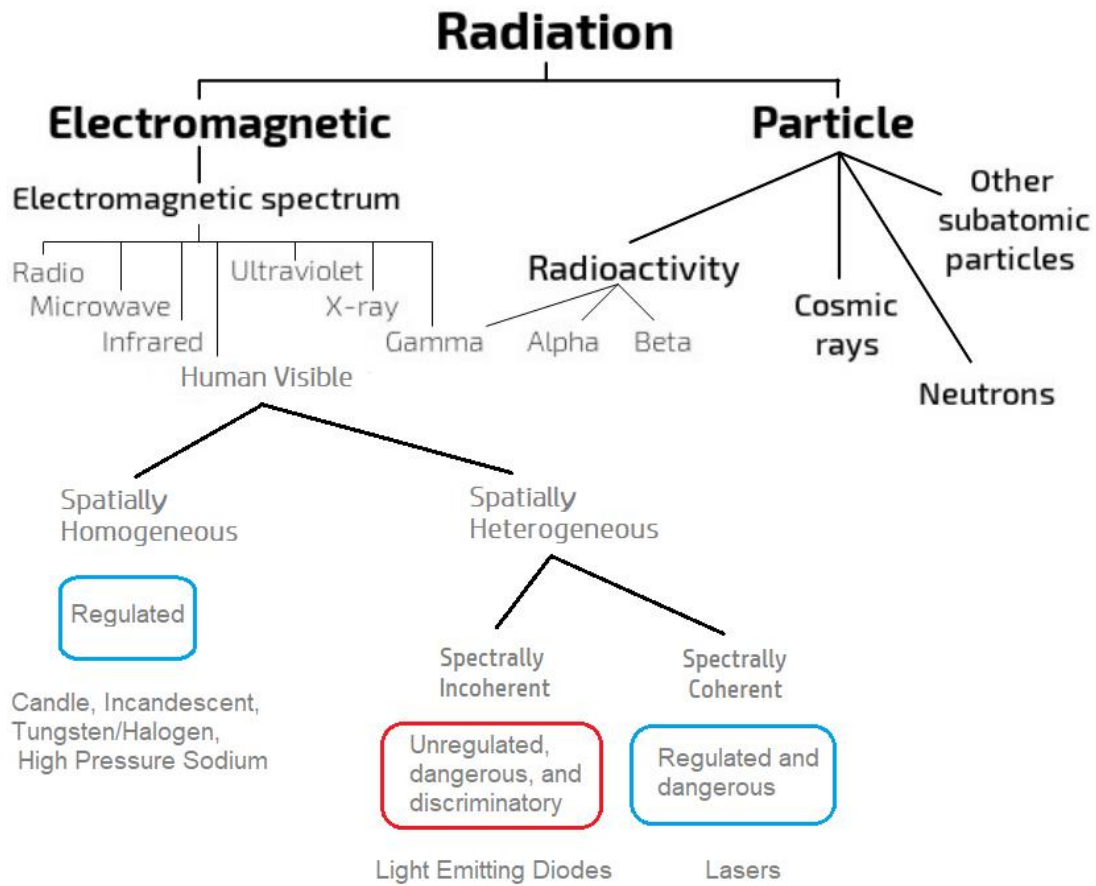
Dear Steve Dickson, Administrator, Federal Aviation Administration.

We read that the FAA has been investigating the increase in unruly passengers and is seeking more punishment, rather than seeking to find out the cause of the passenger's behaviors.¹

The uptick in violent behavior on airplanes coincides with the switch to spatially heterogeneous LED radiation on airplanes, in airports, on runways, and on towers. These LED lights are discriminatory and violate the federal Americans with Disabilities Act because the heterogeneous radiation causes agitation, epileptic seizures, migraines, psychological trauma, and thoughts of suicide.

It is the FAA and the airlines that are contributing to this behavior by using unregulated LED radiation devices. Below is a chart that shows how LED radiation is unregulated, dangerous, and discriminatory.

¹ <https://www.cnn.com/2021/11/04/politics/faa-unruly-passengers-doj/index.html>



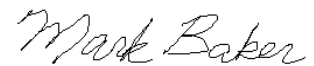
The purple and orange lights you see in this photo of the cabin of an airplane shows the spatially heterogeneous radiation in the visible portion of the spectrum which interferes with the proper functioning of the human nervous system.



The Soft Lights Foundation has already begun the process of notifying airline carriers that they are liable for any harm caused by their use of unregulated LED radiation. The FAA has an important role to play in solving this issue.

The solution is for the FAA to mandate only spatially homogeneous light sources and to prohibit the use of toxic spatially heterogeneous light sources.

Sincerely,

A handwritten signature in black ink that reads "Mark Baker". The signature is written in a cursive, slightly slanted style.

Mark Baker
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