

November 3, 2021

To:

Dr. Henry Ting, Chief Health Officer
Delta Airlines
1030 Delta Blvd.
Atlanta, GA 30320
Henry.ting@delta.com

Re: Spatially Heterogeneous Radiation for Illumination

Dear Dr. Henry Ting, Chief Health Officer, Delta Airlines,

We write to you in response to the article about unruly passengers. <https://www.insider.com/delta-flight-diverted-unruly-passenger-influx-of-airline-disturbances-2021-11> The article shows a photo of an airplane with colored LED lights, as shown in Figure 1. While this photo may or may not show a Delta plane, other photos do show that Delta uses LED lights in the cabin. Spatially heterogeneous LED radiation has been shown to cause agitation, epileptic seizures, migraines, and psychological trauma¹ because LED radiation interferes with the human central nervous system. Therefore, it is likely that the LEDs that Delta installed were harming the passenger who became agitated and it is likely that that overall increase in behavior incidents on airplanes has increased due to radiation from LEDs.



Figure 1 - LED Colored Lights

¹ www.softlights.org/stories

Figure 2 shows categorized radiation sources.

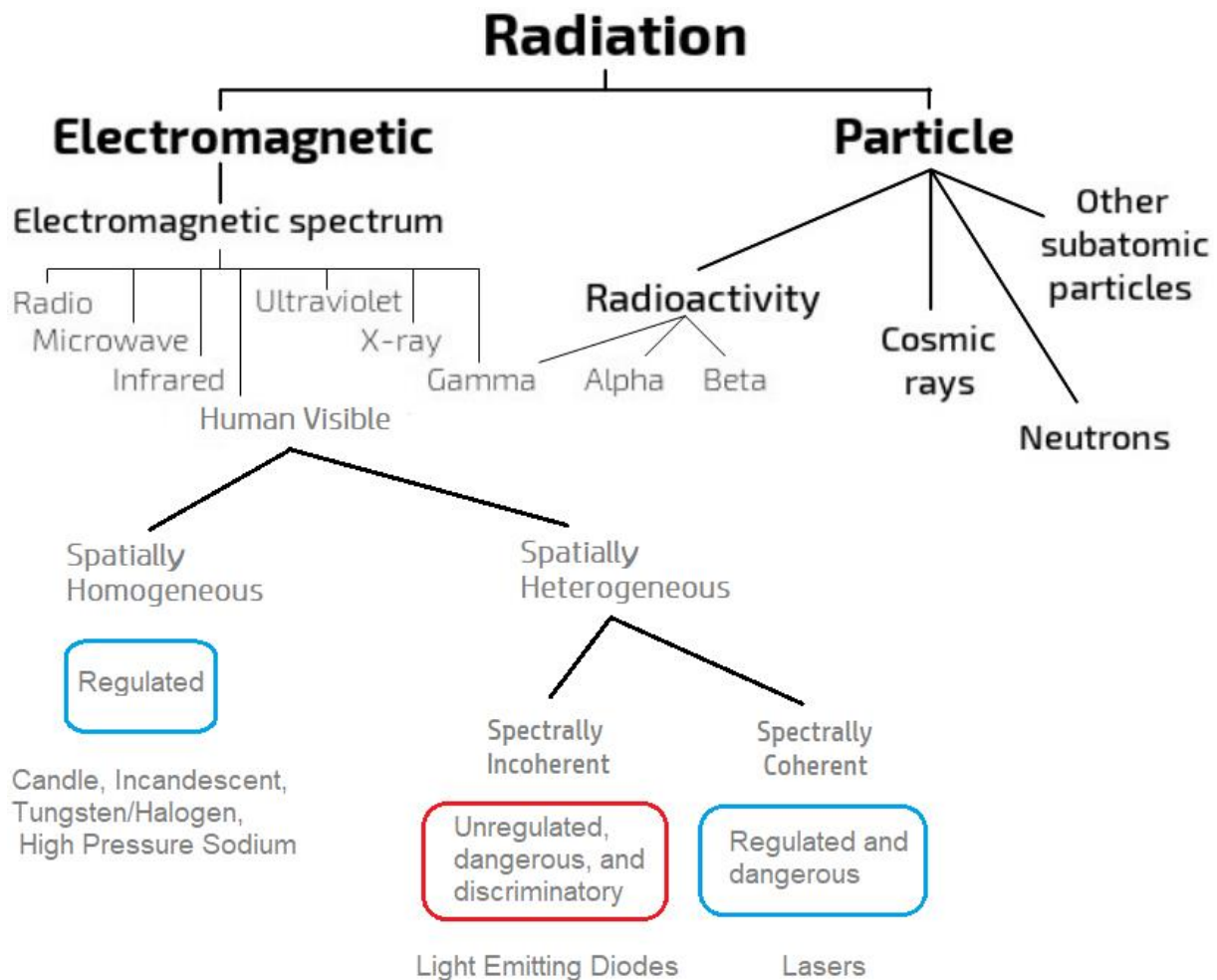


Figure 2 - Radiation Types

As you can see in the diagram, LEDs emit spatially heterogeneous, spectrally incoherent radiation. The reason this is important for Delta Airlines is because Delta has installed LED lights in their airplanes that emit dangerous radiation, which have been shown to cause epileptic seizures, migraines, psychological trauma, agitation, eye damage, loss of liberty and thoughts of suicide. LEDs also discriminate against persons with light sensitivity disabilities because of the unregulated spatial, temporal, and spectral characteristics.

The fact that LEDs are unregulated, interrupt proper functioning of the human nervous system, and discriminate against people with light sensitivity disabilities makes Delta Airlines liable for the harm and discrimination they cause. Since Delta has installed these LED lights in so many airplanes, the liability exposure to Delta is significant. Liability includes claims of dangerous product, reckless endangerment, and violation of the ADA because there are numerous documented cases of epileptic seizures, migraines, psychological trauma, eye damage, loss of liberty, thoughts of suicide, and possibly loss of life from directed energy LED radiation.

To protect human health, reduce behavior incidents, and reduce liability, Delta should replace spatially heterogeneous LED lights with safer spatially homogeneous light sources.

Sincerely,

A handwritten signature in black ink that reads "Mark Baker". The signature is written in a cursive style with a small flourish at the end.

Mark Baker
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