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## Spatially Non-uniform Blue Wavelength Light

1 message

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**Mark Baker** <mbaker@softlights.org>  
To: OHA.DirectorsOffice@state.or.us

Sun, Apr 17, 2022 at 12:05 PM

Dear Oregon Health Authority,

On April 14, 2022, we received notice that, for the first time, the LED lighting industry has admitted that they have been incorrectly measuring LED light. Quote: "Not one of the existing metrics takes into account the non-uniform emitting surface of a LED luminaire."

<https://online.flippingbook.com/view/702884488/>

While the Soft Lights Foundation has been notifying government agencies for several years about this issue, this confession by the LED lighting industry now confirms that LED light is not at all safe as promised by the industry. This has major public health implications and we are requesting that the issue be investigated by OHA.

In her testimony to the Irish Parliament, Ms. Elaine Denny details how LED light has disabled her and excluded her from society. We request that all public health officials read this testimony. [https://www.oireachtas.ie/en/debates/debate/joint\\_committee\\_on\\_disability\\_matters/2022-02-03/2/](https://www.oireachtas.ie/en/debates/debate/joint_committee_on_disability_matters/2022-02-03/2/)

The definition of energy efficiency is providing the same quality of service using less energy. LED light is an extremely low quality, toxic light that is harming public health., and yet OHA has no metrics to confirm that LED light provides the same quality spatial, spectral, and temporal services as High Pressure Sodium or to confirm that LED light is safe for human health.

Red light is known to provide healing benefits, while blue light is known to cause cellular damage. The choice to use spatially non-uniform blue light instead of red light for street lights, floodlights, and vehicle headlights has greatly increased the public's risk of heart disease, cancer, mood disorders, propensity to act aggressively, and cumulative eye damage. Many research studies are posted on our website.

We request an investigation and a response from the OHA.

Sincerely,

Mark Baker  
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