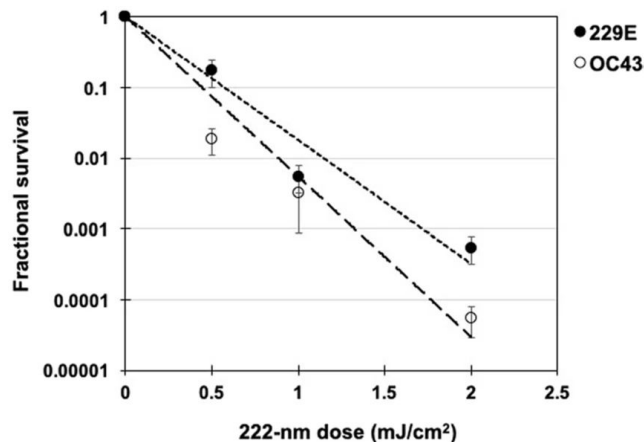


The LUVIAL[®] Luminaire

- Ultra-high-efficiency lighting at 193 lumens/watt
- Safely and continuously inactivates respiratory viruses, such as SARS-CoV-2, by using far-UVC LEDs in the 222-nm range
- Adheres to the most stringent requirements of color rendition, chromaticity, glare, and dimmability
- Intelligent 6LoWPAN-based mesh network allows for complex control programs
- Fully-documented API provides developers with the tools they need to monitor and create control programs
- Machine learning-based model monitors energy usage and brightness and predicts required maintenance ahead of time
- Made with HBCU-led far-UVC research with a focus on remedying the COVID-exacerbated racial health gap while providing excellent lighting for historically underserved communities



UVC Figure
Source:
Buonanno et
al. (2020)

