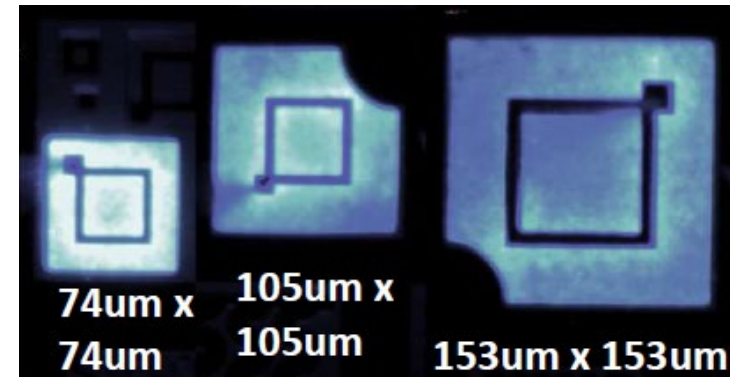
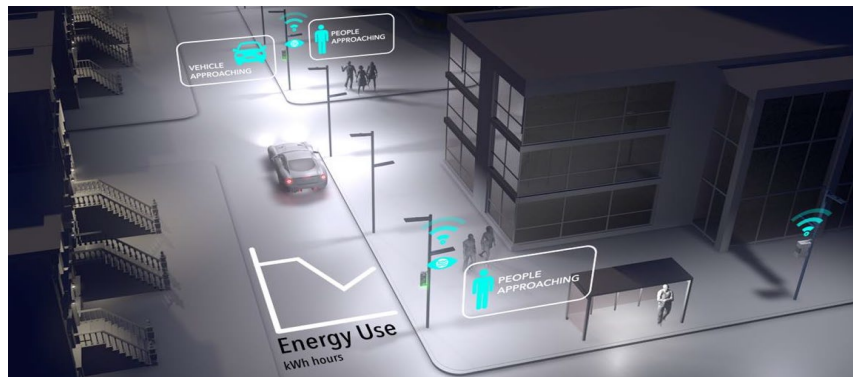
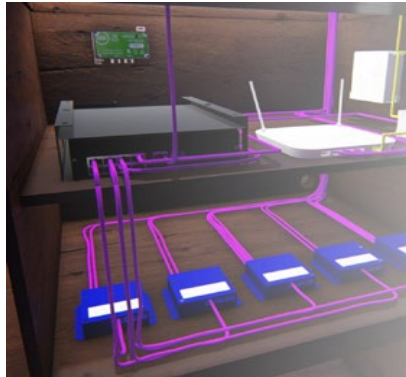
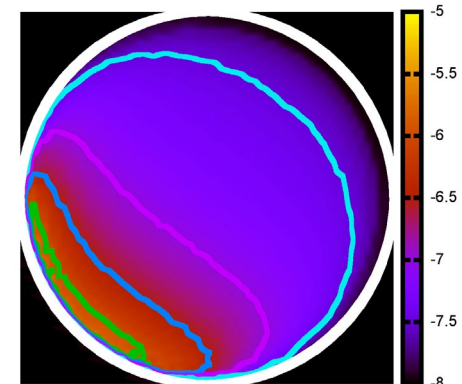
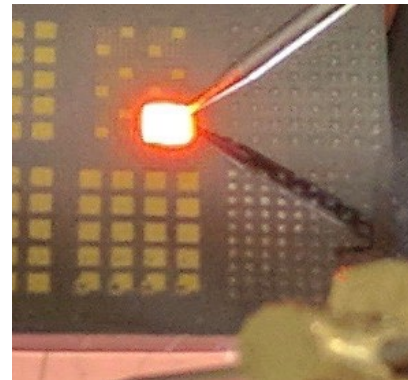


Realizing the Potential of GUV: Perspectives from SSL Technology



Brian Walker, Ph.D.
Manager, DOE Lighting R&D
February 2, 2021

Some caveats

- R&D inertia
- Government Inertia
- Still the U.S. Department of Energy

- No announcements today

Major needs we are hearing about on GUV:

- Validation activities/materials: CALiPER, GATEWAY
- Convening collaborations and engagement
- Integration: studies in real building settings
- Technology development: metrology, SSL sources
- Standards: dose guidelines, industry-led activities, (e.g., luminaire performance reporting)

- **Photobiology**: disinfection action spectra, efficaciousness criteria, human safety impacts