



# UCDAVIS California Lighting Technology Center

## WHO WE ARE



The California Lighting Technology Center (CLTC) was established in 2003 by the California Energy Commission in collaboration with the U.S. Department of Energy and the National Electrical Manufacturers Association. Part of the Department of Design at the University of California, Davis, CLTC is dedicated to accelerating the development and deployment of energy-efficient lighting and daylighting technologies.

CLTC includes full-scale laboratories for research and development, as well as prototype and product testing. Long-term funding for the work done at CLTC is provided by private and public agencies, including CLTC affiliates.

Working in partnership with designers, manufacturers, end users, utilities, government agencies, and others, CLTC commercializes energy-efficient lighting and daylighting technologies, producing new technologies, pre-commercial lighting products and guidelines for policy. CLTC also provides engineering specifications, market research, resources, lighting guides, working papers and white papers. CLTC conducts technology demonstrations, and publishes reports and case studies on these projects. CLTC's faculty and staff also provide curriculum and instruction for education and training courses, in addition to conducting workshops, seminars and outreach activities.



### STRATEGIC PLANNING

Strategic planning activities strengthen CLTC's relationship with its partners and provide opportunities for mutual influence in direction and scope of future activities. Collaborative partners have access to CLTC's knowledge base for evaluation of current and prospective products, innovations and concepts.



### DEMONSTRATIONS

Product demonstrations are an excellent way to showcase and field test emerging lighting and daylighting technologies. Demonstrations help vet the performance of new products for host sites considering their options for future work, and demonstration projects result in case studies that can be used by other groups.



### TECHNOLOGY DISPLAYS

Technology displays showcase innovative products for visitors from all aspects of the energy and lighting sectors. Lighting experts, policy makers and executives visit CLTC on a weekly basis for meetings and events that include personalized, interactive tours of the facility.



### OUTREACH ACTIVITIES

CLTC's outreach team provides marketing and media tools, including guides, case studies, photography, videos, media releases and reports. Staff members also help partners share news of new developments through newsletters, forums, conferences and social media.



### RESEARCH & DEVELOPMENT

CLTC's research and development activities support product evolution in the laboratory and success in the marketplace. Products and systems developed and researched at CLTC have helped support key policy and standard development in California.



### POLICY DEVELOPMENT

CLTC works with regulatory agencies to ensure that state and federal regulations and policies reflect best practices. CLTC staff assist decision makers in identifying, understanding and implementing policies that advance energy-efficient lighting and daylighting technologies and practices.