

Dear Commissioner McAllister:

We are writing you in strong support of the California Lighting Technology Center (CLTC), University of California, Davis, a public-private partnership that has evolved over the last decade. This partnership grew out of a close collaboration between the lighting industry, California's investor owned utilities and the California Energy Commission to support a broad programmatic research, demonstration, education and training project portfolio.

We have collaborated with CLTC directly and through several of the manufacturers we represent. As a manufacturer's representative of more than 100 lighting and controls companies, we have encouraged several of the largest influences in the controls and lighting industry to affiliate and/or associate with the CLTC.

Some of the examples of successful collaborations between ALR and/or one of the manufacturers we represent include –

FineLite – This particular relationship led to the development of two very successful product developments that had a direct influence on thousands of school projects and commercial projects in California and beyond. The first was the ICLS (Integrated Lighting Classroom System). This was an effort requiring extensive research and field testing to achieve an affordable and practical lighting solution. It operated with dramatically lower energy costs while achieving a higher quality of lighting in today's classroom. The second product developed between FineLite and the CLTC was the creation of the PLS (Personal Lighting System). This involved a brand new way of incorporating LEDs into undercabinet lights and desktop lights. This resulted in a much more personalized work area with significantly lower energy consumption and improved light levels in the actual work area.

LumeWave/Philips Lumec – This project involved the relighting of the exterior roadway and site areas at UC Davis. Due to the close collaboration with the CLTC and both of these manufactures, these two manufacturers were able to create an exterior roadway fixture that has several features that include the detection and direction of traffic flow so as to allow the lights to come up to full brightness in occupied areas of use. Once there is no detection of pedestrians or vehicle movement, the lights automatically drop to a lower light level resulting in lower power consumption. There are several other features that have now become standard product options and being used on projects throughout California and the US.

Philips Gardco – This was a very early project nearly 10 years ago where the CLTC partnered with Gardco in creating the first occupancy sensor to be incorporated into an LED bollard. This collaboration resulted into a standard product offering from Gardco.

Philips DayBrite/WattStopper – This was a collaboration between the CLTC, DayBrite and WattStopper to develop and outdoor LED wallpack with an integral outdoor sensor. The CLTC played a major role in identifying the need and coordinating the integration of an appropriate sensor onto the wallpack. This product can now be found as a standard product offering.

Lutron – The CLTC has had an affiliate member relationship with Lutron for a number of years. This relationship has led to improvements in a number of Lutron lighting controls systems based upon

feedback from the CLTC. These improvements resulted in more user friendly systems and a faster rate of acceptance and adoption.

WattStopper – Has been an affiliate member with the CLTC for years and has benefitted greatly by this relationship. WattStopper is generally brought in as lighting control device to work with the lighting system. WattStopper has modified several products at the direction of the CLTC allowing for much broader use of their product. Most recently WattStopper has signed an agreement allowing them use of a dual loop daylighting sensor that was created by the CLTC.

ALR represents numerous other manufacturers that have used the CLTC either as affiliate or for specific contract work. Several of the Philips brands, Luminaire, LSGC and other have benefitted from this relationship by improving on current products or developing new products based on input from the CLTC.

The influence the CLTC has had is immeasurable. The largest lighting and controls companies have responded to the ideas put forth by the CLTC by now offering products that address the ideas coming out of the CLTC. The CLTC has served as an incredible resource to the Energy Commission by vetting ideas and products that would be able to address new changes to Title 24.

CLTC is very effective in addressing and resolving lighting-related issues that impede progress toward state energy goals. A significant part of CLTC's success is due to the integrated and harmonized activities that bring together education, research and codes and standards activities. We strongly encourage this integrated approach.

Investing in CLTC and research centers that use a similar model presents the opportunity to effectively integrate and address long-term energy efficiency issues that cannot be obtained through individual project solicitations in different activity areas and at different times.

Sincerely

Sean Darcy

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