



Professional Development

The American Institute of Architects Continuing Education System

Course# TCS100

Evaluating Tunable White in the Classroom: A SMUD Case Study

- AIA HSW Approved - 0.5 LU, HSW

Provider:

Finelite, Inc.

Method of Delivery:

The facilitator will use a powerpoint presentation to review the information.

Audiovisual Required:

Facilitator will provide audiovisual equipment. Access to an electrical outlet will be required.

Cost to Participants:

Free

Point of Contact:

Brandon McGurer

Brand Communication Manager

Finelite, Inc.

30500 Whipple Road

Union City, CA 94587

F: 510-441-1100

E: brandon.mcgurur@finelite.com

Program Summary

PROGRAM OVERVIEW:

While reducing the energy used for lighting remains a priority for most school districts, an increasing number of them are also interested in the non-energy potential benefits of lighting.

This course examines a trial installation of Tunable White LED lighting systems installed in three classrooms in the Folsom Cordova Unified School District. The study tracked the system performance and the student and teacher outcomes from one general education and two classrooms for students with Autism Spectrum Disorder (ASD).

LEARNING OBJECTIVES:

Attendees will:

- Examine prior awareness and emerging research that connects light and health
- Understand the desired intention, selection process, and implemented of the Tunable White lighting system installed
- Examine the energy and non-energy benefits of implementing the Tunable White lighting system in classrooms for students
- Understand the feedback from students, parents, and teachers on the implementation a Tunable White lighting system

FACILITATOR QUALIFICATIONS:

All Finelite facilitators have been trained on guidelines and presentation skills. In addition, all presenters receive continuous training on the science of lighting, best practices, and all applicable energy codes related to the lighting design process.

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