

Join us for a session on

## **Lighting Controls**

November 26, 2025, 7 am

## Live Stream Seattle Washington

## Modern Lighting Controls for Engineers: Title 24, NLCs & LLLCs Overview

California's Title 24, Part 6 places strict requirements on nonresidential lighting systems, with a strong emphasis on automatic controls. For engineers, lighting controls are now a core part of design, not an afterthought. This handout summarizes key elements from the webinar to aid your design and coordination efforts.

- 1. Title 24 Core Lighting Control Requirements
- 2. Networked Lighting Controls (NLCs)
- 3. Luminaire-Level Lighting Controls (LLLCs)
- 4. Best Practical Practices



Nathan Williams

Nathan Williams is the Founder and Owner of Williams Lighting Controls Services, LLC, and one of the industry's most respected specialists in lighting controls, systems integration, and advanced commissioning. With nearly two decades of experience, Nathan's career spans theatrical and commercial lighting, touring and entertainment production, and large-scale architectural and architainment installations. Nathan spent a decade as Senior Technician and Applications Engineer for a major manufacturer's sales representative, where he led complex system design, programming, and integration efforts across a wide range of

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commercial and specialty projects. Prior to that, he spent eight years as a third-party startup technician for some of the largest lighting control companies in the world, developing a reputation for precision, hands-on expertise, and exceptional diagnostic skills. Today, Nathan is also the President of the Board for United Lighting Controls Forum, Inc., a nonprofit dedicated to closing the education gap between controls specialists and engineers. Under his leadership, the organization delivers both free and paid content designed to raise the bar for industry-wide understanding and collaboration. Nathan is a Certified Lighting Controls Professional (CLCP), a Certified Senior Lighting Technician (CSLT), and holds his LS-C from NAILD. He is Niagara AX certified and a strong advocate for the growing role of BAS integration and WELL Building standards in driving performance, efficiency, and ROI in modern buildings. Known for his detail-driven approach and passion for innovative lighting solutions—especially in landmark and color-changing LED applications—Nathan brings a blend of field wisdom, technical mastery, and forward-thinking vision to every project and every audience.

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