

LIGHTING HANDOUT

# Luminaire Level Lighting Controls in Schools



## Lighting adaptable for every moment.

Luminaire Level Lighting Controls (LLLC) is a type of networked lighting control (NLC) system which integrates both sensors and load controllers into each fixture, providing unparalleled flexibility, control, deep energy savings, and a great lighting experience.

## Top 5 key features and benefits.

- **Simple Installation:** Wireless solutions, retrofit kits, and pre-programming streamlines installation and reduces costs. System flexibility and ease-of-use results in efficient installations.
- **Integrated Sensors:** LLLC can save up to 75% in energy usage compared to standard LED fixtures. Integrated sensors and advanced control methods provide maximum energy savings that compound over the life of the system, making it a smart investment.
- **Future-proof and Secure:** Rather than becoming obsolete as technology advances, LLLC systems are incredibly adaptable. Lighting adjustments can be made at the touch of an app, and the systems can be upgraded to provide new software features or patch cyber vulnerabilities.
- **Programmable:** Individual fixtures ensure target light levels can be customized for user comfort, safety, and overall satisfaction. Spaces can be easily reconfigured to meet future building needs without costly rewiring.
- **System Integration:** Many LLLC systems offer HVAC integration, remote diagnostics, and energy optimization and can extend the capabilities of your building management system.

## LLLC in schools.

- Students and teachers benefit from optimized learning conditions with light that improves visibility and adapts to their needs throughout the day.
- LLLC system flexibility and advanced controls maximize energy maintenance savings, making it a smart investment now and for the long term.
- LLLC systems can increase safety, security, and efficiency by enabling real-time tracking of building assets.

