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**Cooper Lighting**  
by **EAT•N**





Photo Credit: © Michael Harris



The Fifth Light  
DALI ballast

## The Flexible and Efficient Addressable Lighting Control Solution

The David A. Clarke School of Law at the University of the District of Columbia is a busy building. The fourth and fifth floors host a combination of classrooms, moot courtrooms and conference rooms that must accommodate ever-changing programming, instructional events and attendee size. Lighting needs change daily. The space needed a flexible system that would limit energy waste and manage lighting energy costs.

***“The flexibility of the system to perfectly match the exact needs of our day, every day, is tremendous.”***

- Michael Harris, Office Manager, University of District of Columbia, David A. Clarke School of Law

In order to provide the necessary system flexibility and heightened energy efficiency demanded by the project, an addressable lighting control system from Fifth Light was selected. Addressable systems are unique in that every ballast can be individually controlled or grouped and re-grouped via software, offering unlimited system configurations and unparalleled flexibility, without moving a ceiling panel. The Fifth Light addressable lighting control system also achieves impressive energy efficiency by incorporating timeclock control, occupancy control, daylighting control and continuous dimming throughout the space; providing the right amount of light at the right time, in the right location.

***“Any electrical firm could put in an addressable lighting control system based on the project support provided by Eaton’s Cooper Controls.”***

- Anthony Barzey, VP and Senior Project Manager, Miller and Associates Service Group

## Easy to Install

Addressable lighting control systems are easy to install. Instead of being hardwired into pre-defined control circuits, all of the components in an addressable system, the digital ballasts, the sensors and the wallstations are connected together via a low voltage, two-wire communication link. The fixtures are then grouped and programmed as desired through control software that can be easily modified, whenever necessary.

**“For electricians, ease of installation is everything. This system was both easy to install and a cost-effective way to deliver such an extensive and robust dimming package.”**

- Anthony Barzey, VP and Senior Project Manager,  
Miller and Associates Service Group



The Fifth Light Lighting Management Software (LMS).

## Easy to Maintain

The Fifth Light addressable lighting control system also eliminates the guesswork in system maintenance. Query the status of ballasts, lamps and system accessories to identify the components that need to be replaced before they fail. This feature enables maintenance personnel to precisely pinpoint system problems, without walking around looking for lighting issues to resolve.

**“When I need campus services to replace a ballast or lamp, I print out the floor plan, circle the device in question and attach it to the work order. It makes maintaining the system so easy.”**

- Michael Harris, Office Manager, UDC,  
David A. Clarke School of Law



Fifth Light's mobile software provides advanced control and management of the lighting control system directly from a mobile device.

## Easy to Control

In the David A. Clarke School of Law, the Fifth Light addressable lighting control system is regularly programmed and adjusted to accommodate the unique activities of the facility that day. The system can be modified on-the-go from a mobile device or from a computer. Common adjustments include:

- Re-configuring lighting groups when rooms are combined, divided or re-purposed.
- Providing appropriate task-specific illumination levels for A/V presentations, speakers, tests, etc.
- Modifying sensitivity and time delay settings on occupancy sensors.
- Creating visual cues to direct attendees to seating sections when hosting special events.



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