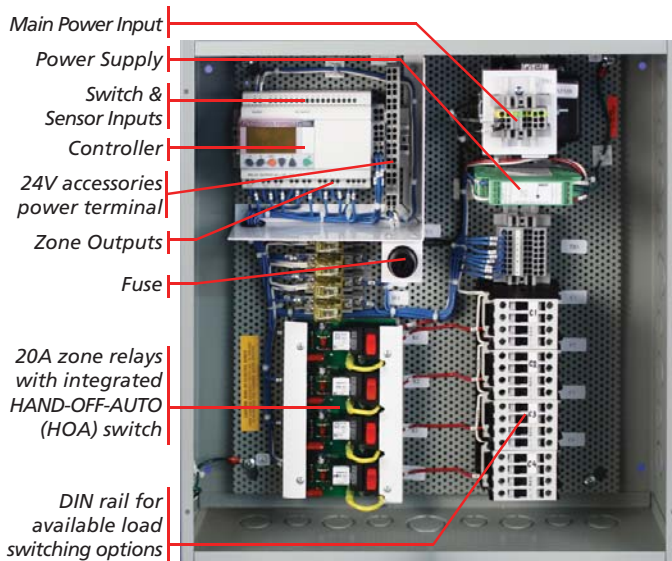


# LCM-BL

## BI-LEVEL Lighting Control System

### APPLICATIONS

- Aircraft Hangars
- Warehouses
- Gymnasiums



|          |  |
|----------|--|
| PROJECT  |  |
| LOCATION |  |

### FEATURES

- 1, 2 or 4 Bi-Level Zones with Photo, Time Clock and Remote Switch control
- Easy adjustment of On and Off set points using front buttons.
- Accumulated run time hours are logged
- Four main modes of operation; Photo Control Time Schedule control, Photo and Time control, and Photo / Time with Remote Switch initiation
- Standard 2 zones, circuits expandable in groups of two
- Base system uses combination of Atrium, Indoor, Outdoor and Skylight photodiode sensors that can be calibrated as specified
- Time-clock - 7 day two On and Off events per day
- Internal HAND-OFF-AUTO (HOA) Switch
- Photo sensor input time-delay prevents intermittent or false switching
- Security circuits, Photo On and Off
- 1/2 hr Hold-On-Timer prevents HID Lighting from short cycling
- Compliant with Title 24
- 2-year warranty

### DESCRIPTION

The LCM-BL series control panel is a cost-effective and easily configured stand-alone lighting control system with programming specifically optimized for high bay applications.

Typical Bi-Level control installations require high voltage power control with low voltage High/Low switching. The system controller provides a dual zone, Bi- Level output scheme composed of power On/Off and High/Low control. The first Bi-Level zone is Outputs 1 and 2. Output-1 is the lighting power control output, while Output-2 provides the High/Low switching. The second Bi-Level zone is Outputs 3 and 4. Output-3 provides the Bi-Level power control while Output-4 controls the High/Low switching. The power control output in each Bi-Level zone must be activated in order to allow the High/Low switching to function.

The LCM-BL offers one, two and four zone options: the two zone Bi-Level LCM has four relay outputs, while the four zone LCM-BL has eight outputs.

The four-line LCD screen on the controller prompts the user to enter photo sensor set point limits and time schedules which are saved in flash memory. Adjustments to the settings and schedules can be made with pushbuttons on the controller face. Time schedule operations use the internal real-time clock. The battery backed real-time clock is accurate to one second/month and can be adjusted for drift. Time circuits are automatically adjusted for daylight savings time and leap years unless otherwise specified.

Advantages of the LCM-BL series are found in the system's stability, versatility, quality and accuracy. Once mounted, the sensor, power, and lighting loads need only to be wired and the LCM is ready to operate. The system controller has specific program applications that are matched with the appropriate sensor to create optimal packaging and system efficiency.

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