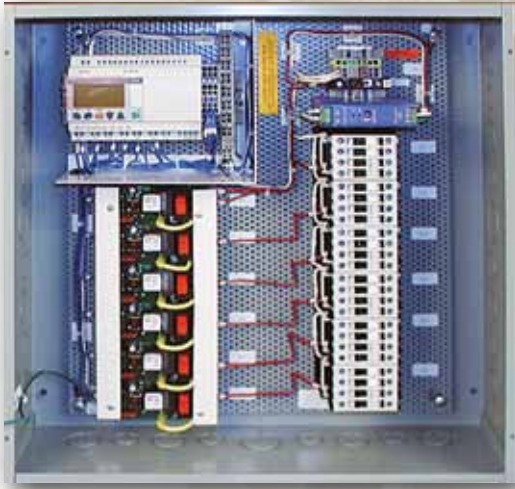


LCM-IE · LCM-BL · LCM-ASTRO



# Contactor Based Stand-Alone Controller

## C-Series



# Contactor-based stand-alone lighting control ideal for interior and exterior ballast-driven applications.

## LCM-IE System

The LCM-IE controller is a cost-effective stand-alone entry level lighting control system. It features programming and accessories optimized for specific types of interior and exterior applications including parking decks, gymnasiums and warehouses. It utilizes the analog input from a CES style photo sensor to control multiple lighting tasks. These tasks are composed of various levels, zones, and environments. Timers can be adjusted to suit the types of lamps and ballasts used.

The user-adjusted photo levels allow the system to control various outputs from a single or multiple sensors. Override switches are also available when needed for remote "ON"/"OFF", override and sweep operation.

### Control Modes

- Photo Control
- Time Schedule
- Photo Control + Time Schedule
- HID - Time Schedule + Remote Switch
- HID - Photo Control + Time Schedule + Switch
- Photo Level with Maintenance Timed Override
- Time Schedule + Remote Switch + Sweep Sequence
- Photo Level + Time Schedule + Remote Switch + Sweep Sequence

## LCM-BL System

The LCM-BL controller is an easily configured stand-alone lighting control system with programming and accessories specifically optimized for high bay applications. The LCM-BL series can be programmed for bi-level applications. Each bi-level output zone pair can be configured for up to eight modes of operation. In one application the photo control can be used for bi-level daylight harvesting. In this application the sweep function is initiated at the end of the time clock schedule or during occupied hours. This sequence warns the occupants with a high/low flash and a grace period before the lights are switched off.

### Control Modes

- Photo Control
- Time Schedule
- Photo Control + Time Schedule
- Time Schedule + Remote Switch
- Photo Control + Maintenance Timed Override
- Time Schedule + Remote Switch + Sweep Sequence
- Photo Level + Time Schedule + Remote Switch + Sweep Sequence





## LCM-Astro

The LCM-Astro controller is a stand-alone lighting control system with programming and Astronomical capabilities. The LCM-Astro has been developed for exterior applications. Output event times are based on longitude, latitude and local standard GMT offsets referenced to a specific site location.

Select calculated sunrise/sunset or actual sensed light level for exterior lighting applications. Output can be programmed for switching "ON" before sunrise or after sunset.

### Control Modes

Astronomical Clock

Time Schedule

Astronomical + Time Schedule

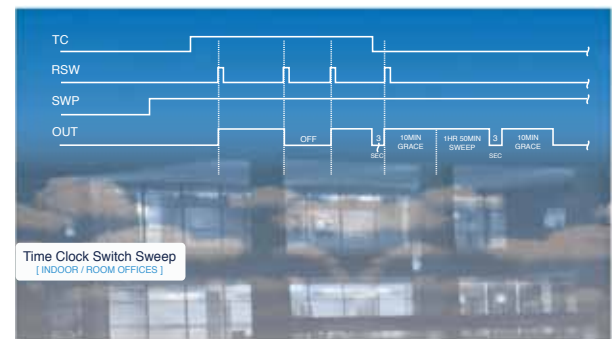
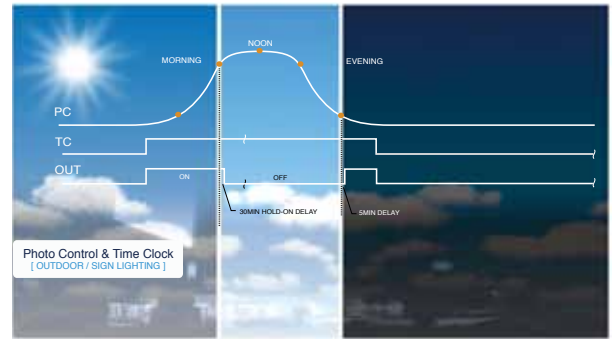
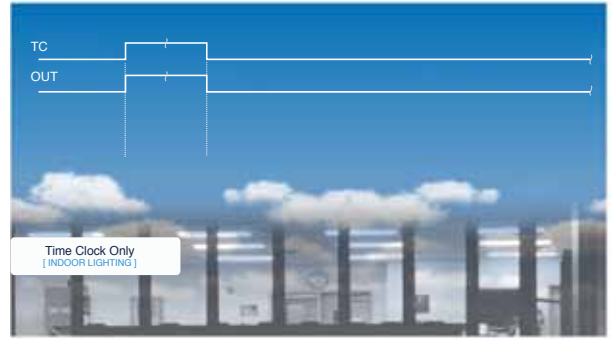
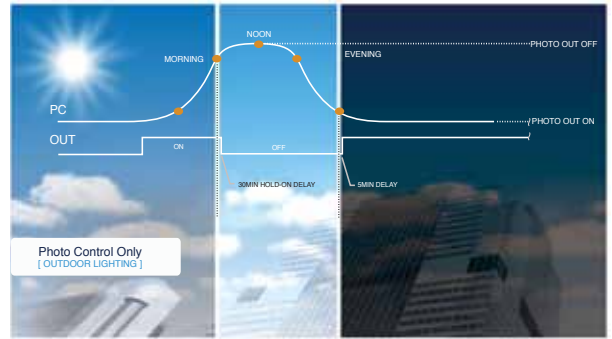
Time Schedule + Remote Switch

Astronomical + Time Schedule + Remote Switch

Astronomical Morning/Evening Offset

Photo Control

Photo Control + Time Schedule



## General Specifications

<i>Feature</i>	<i>LCM-IE</i>	<i>LCM-BL</i>	<i>LCM-ASTRO</i>
<i>Voltage</i>	<i>120, 277VAC</i>	<i>120, 277VAC</i>	<i>120, 277VAC</i>
<i>Contactors</i>			
<i>4 Pole</i>	<i>6</i>	<i>4</i>	<i>3</i>
<i>8 Pole</i>	<i>6</i>	<i>4</i>	<i>3</i>
<i>Photo Sensors</i>	<i>6</i>	<i>4</i>	<i>3</i>
<i>Motion Sensors</i>	<i>6</i>	<i>0</i>	<i>0</i>
<i>Internal Switches</i>	<i>6</i>	<i>4</i>	<i>3</i>
<i>Dry Contact Switches</i>	<i>6</i>	<i>4</i>	<i>4</i>
<i>Network</i>	<i>No</i>	<i>No</i>	<i>No</i>
<i>Auto/Setup</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>
<i>Timeclocks</i>	<i>6</i>	<i>4</i>	<i>3</i>
<i>Schedules (Events)</i>	<i>2 x 7 Days</i>	<i>2 x 7 Days</i>	<i>2 x 7 Days</i>
<i>Sweep Sequence</i>	<i>Yes</i>	<i>Yes</i>	<i>No</i>
<i>Astronomical</i>	<i>0</i>	<i>0</i>	<i>3</i>
<i>Compliance</i>	<i>ETL/UL508A</i>	<i>ETL/UL508A</i>	<i>ETL/UL508A</i>
	<i>Title 24</i>	<i>Title 24</i>	<i>Title 24</i>
<i>Warranty (Years)</i>	<i>2</i>	<i>2</i>	<i>2</i>



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