

LIGHTING CONTROLLER

Independent Light Level / Time-Of-Day Operation of Two Lighting Zones

The LC200 consists of an electronic control and an electronic light sensor interacting. The unit offers separate control of two lighting zones, each with user settable light level setpoints. The Electronic control also offers two digital inputs which will accept a contact closure from any Tork Timer(s), or existing EMS system to provide for independent Time-of-Day override.

APPLICATIONS

- Use to control two different outdoor lighting circuits utilizing the one photocell. Sign lighting can turn on at one ambient light level while parking lot lighting turns on at a different light level.
- Use to control two different indoor lighting circuits. During the first stage when ambient light drops partially, a limited amount of electrical lights turns on. During the second stage when ambient light drops significantly, additional electrical lighting turns on.
- Use in conjunction with a time switch for photo-cell ON of 2 different lighting circuits at different ambient light levels, then time-of-day OFF.

For use in:

- Retail Stores
- Warehouses
- Schools
- 24 Hour Convenience Stores
- Restaurants

FEATURES

Single electronic light sensor with swivel (Model EPC-1) which can be mounted up to 1000 feet from controller.

Dual outputs with independent turn-ON adjustment from 2 to 100 footcandles. Turn-ON to turn-OFF ratio is 1:2.

Two independent "Time-of-Day" Inputs.

30 second delay on start-up.

Power-On status indicator.

Load status indication for each load.



ORDERING INFORMATION

Description	Model	Input-VAC 50/60 HZ	Dry Contacts (unpowered)
Unit + enclosure	LC200	120/240/277	SPDT
Unit only	LC200M*	120/240/277	SPDT



* Available with or without bracket for panel mounting

SPECIFICATIONS

Power Consumption: 5VA Max.

Contact Rating:

	Voltages	NO	NC
Ballast	120 VAC 240/277 VAC	20A 6A	10A 3A
Tungsten	120/240/277 VAC	5A	3A
Resistive	120/240 VAC 277 VAC	20A 12A	10A
Pilot Duty	120/240 VAC 277 VAC	470VA 690VA	275VA

Sensor:

Standard EPC-1 Photocell
Set Point Range: 2fc to 100fc

Time Delay:

30 sec. ± 10 sec.

Indicator:

LED
Green for power
Red for load status

Temperature:

-40°F to 140°F (-40°C to 60°C)

Enclosure:

General Purpose (NEMA 1)
Drawn steel, beige enamel,
with combination 1/2" and 3/4"
K.O.'s on Top, Bottom, Back.
Lockable hasp.

SPECIFICATION WRITER'S GUIDE

Furnish and install an electronic light sensor and control with dual outputs for two lighting zones. Each output shall be capable of a different user settable turn-ON light level setpoint from 2 to 100 footcandles. Turn-ON to turn-OFF ratio shall be 1:2. Controller shall also offer two digital inputs which can accept a contact closure from an independent time switch or EMS system, thereby allowing for independent time of day control.

