



## LC SERIES PHOTOCONTROL THERMAL, LOCKING STYLE, RESIDENTIAL GRADE

### KEY FEATURES

- Heavy-duty thermal bi-metal switch
- 30 - 45 second time delay
- UL | CSA Listed
- ANSI C136.10 compliant
- Fail mode is ON

TE Connectivity's (TE) LC Series offers a locking style control ideal for residential lighting applications. The LC Series locking-type photocontrol offers an economical and cost-effective means of controlling residential lighting systems from dusk to dawn.

A heavy-duty thermal bi-metal switch that produces a minimum 30 - 45 second time delay, virtually eliminating unwanted OFF/ON operations that could result from lightning, car headlights or other sudden changes in the ambient outdoor light level.

LC controls are a perfect and reliable solution for lighting driveways, patios, decks, entryways or other areas around the home where security lighting is desired.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

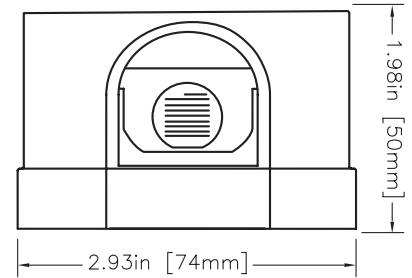
## LC Series Photocontrol



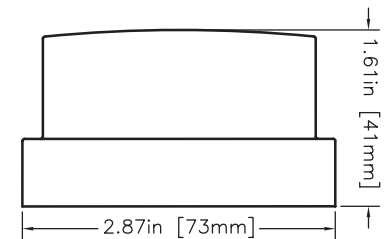
The LC Series is the result of over fifty years of experience designing and delivering superior photocontrols and other lighting accessories in the US and around the world.

| SPECIFICATION - DIMENSIONS IN INCHES (MM) |  |
|---|--|
| Physical                                  | Dimensions: approx. 2.87 (73) dia x 1.61 (41) high (LC-120)              |
|   | Enclosure: designed to meet ANSI C136.10                                 |
|   | Power consumption: less than 0.9 watts (avg.) at 120 VAC                 |
| Temperature                               | Minus 40°C to plus 65°C at 96% RH  |
| Switch                                    | SPST thermal bi-metallic<br>Exceeds 7500 ON/OFF operations at rated load |
| Load Rating                               | 1000 Watt Tungsten<br>1800 VA ballast                                    |
| Cover                                     | High impact Noryl with UV stabilized acrylic window                      |
| Base                                      | High temperature polyester (PBT)   |
| Gasket                                    | Cross-linked polyethylene  |
| Connection                                | 3-pole locking-type with solid brass legs                                |
| Light Sensor                              | 1/2" Cadmium Sulfide (CdS) Cell  |

ALR-LC-208-277



ALR-LC-120



| TECHNICAL INFORMATION  |                                 |
|------------------------|---------------------------------|
| Rated Volts            | 105 - 305 VAC                   |
| Frequency              | 50 - 60 Hz                      |
| Operating Light Levels | Standard 1.5 Fc ON              |
| Time Delay             | 30 - 45 Second Delay ON and OFF |
| OFF/ON Ratio           | 4 : 1                           |
| Fail Mode              | ON                              |
| Rated Life             | 4 years                         |

| PRODUCT SELECTION INFORMATION |             |               |                         |                     |              |              |          |
|-------------------------------|-------------|---------------|-------------------------|---------------------|--------------|--------------|----------|
| Description                   | Rated Volts | Range (Volts) | Rating Tungsten (Watts) | Rating Ballast (VA) | Turn ON (Fc) | OFF/ON Ratio | POP Pkg. |
| LC-120                        | 120         | 105 - 130     | 1000                    | 1800                | 1.5          | 4 : 1        | Yes      |
| LC-208-277                    | 208/240/277 | 185 - 305     | 1000                    | 1800                | 1.5          | 4 : 1        | Yes      |



[te.com/energy](http://te.com/energy)

©2019 TE Connectivity. All Rights Reserved. E358-0719-EN

Raychem, TE, TE Connectivity and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. Family of companies. Other logos, product and Company names mentioned herein may be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this brochure are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications

### FOR MORE INFORMATION: TE Technical Support Centers

|                   |                       |
|-------------------|-----------------------|
| USA:              | + 1 800 327 6996      |
| France:           | + 33 380 583 200      |
| UK:               | + 44 0870 870 7500    |
| Germany:          | + 49 896 089 903      |
| Spain:            | + 34 916 630 400      |
| Italy:            | + 39 333 250 0915     |
| Benelux:          | + 32 16 508 695       |
| Canada:           | + 1 (905) 475-6222    |
| Mexico:           | + 52 (0) 55-1106-0800 |
| Latin/S. America: | + 54 (0) 11-4733-2200 |
| China:            | + 86 (0) 400-820-6015 |