



Energy Division

LC Series Photocontrol Locking Style-Residential Grade

Tyco Electronics LC Series offers a locking style control ideal for residential lighting applications.

Features

- Heavy-Duty Thermal Bi-Metal Switch
- 30-45 Second Time Delay
- UL Listed
- ANSI C136.10 Compliant
- Fail Mode is ON

Innovative Design

The LC Series locking-type photocontrol offers an economical and cost-effective means of controlling residential lighting systems from dusk to dawn.

Key Benefits

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.

Common Uses for the LC Series

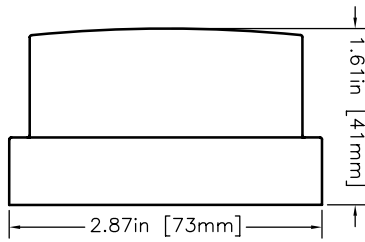
- Driveway Lighting
- Patio Lighting
- Deck Lighting
- Entryway Lighting

 **Tyco Electronics**

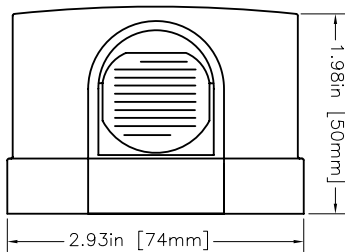
Our commitment. Your advantage.

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.

ALR-LC-120



ALR-LC-208-277



Features

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

Specifications

Physical

- Dimensions: approx. 2.87" [73mm] dia x 1.61" [41mm] high (LC-120)
- Dimensions: approx. 2.93" [74mm] dia x 1.98" [50mm] high (LC-208-277)

Temperature

- Enclosure: designed to meet ANSI C136.10
- Power consumption: 0.9 watts (avg.) at 120 VAC
- Minus 40°C to plus 65°C @ 96% RH

Switch

- SPST thermal bi-metallic
- Exceeds 5000 on/off operations

Control

- 1000 Watt Tungsten 1800 VA

Load Rating

- High Impact UV stabilized polycarbonate (LC-120), noryl (LC-208-277)

Cover

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

Selection Information

Model	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	
CPGI-ALR-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	
CPGI-ALR-LC-208-207	208/240/277	185 - 305	1000	1800	1.5	4 : 1	Yes

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Energy Division – A pioneer in the development of economical solutions for the electrical power industry. Our product range includes: cable accessories, connectors & fittings, electrical equipment, instruments, lighting controls, insulators & insulation enhancement and surge arresters.

Mike O'Toole
Tyco Electronics, Energy Inside Sales

ALR = Area Lighting Research. The name of the company who made these parts before Tyco purchased them. We keep the ALR as part of the part #'ing for brand recognition.

CPGI prefix designates a clam shell, see-thru package designed to hang on a rod in a retail environment. It also has a std pack qty of 10 pcs.

Non CPGI parts come in a thin cardboard box. You cannot see through it nor hang it but it easily opens for inspection of the part. Std pack qty on these is 12 pcs

The W suffix designates the inclusion of a wall plate. It is pictured above in the CPGI packaging.

Thanks,

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