

## LC4500 Series

### Low Cost, Locking-Type

The LC4500 Series Photo Controls feature low cost locking-type mounting, and thermal-type controls for street lighting and other applications requiring a twist and lock type plug connection. Thermal-type photo controls provide dusk-to-dawn lighting control and a delay action, which eliminates loads switching OFF due to car headlights and lightning. The thermal-type controls feature a cadmium sulfide photocell and polypropylene case to seal out moisture. The design utilizes a dual temperature compensating bimetal and composite resistor for reliable long life operation over ambient temperature extremes.

### Features

- Polypropylene housing with UV protection
- Models with LA suffix equipped with a 2400 volt open type spark gap arrester

### Ratings

Size:	2 3/4" (7.0 cm) High, 3" (7.6 cm) diameter
Color:	Translucent with color coded band for voltage identification
Electrical Rating:	See table
Activation:	.5 FC minimum ON; 15 FC maximum OFF
Power Consumption:	Averages under 1 Watt
Operating Temperature:	-20°F to 104°F (-29°C to 40°C)
Shipping Weight:	.2 lb. (.09 kg)

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Product Type: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

Model #: \_\_\_\_\_



Model Number	Tungsten (Watts)	Ballast (VA)	Tungsten (Amps)	Ballast (Amps)	VAC	Agency Listing
LC4521C	1800	1000	15	8.3	120	UL, CSA
LC4523	3120-4155	1700-2300	15	8.3	208-277	UL, CSA
LC4527	5205	2880	15	8.3	347	NONE
LC4535	7200	4000	15	8.3	480	UL, CSA
LC4536C	1800-4155	1000-2290	15	8.3	120-277	UL, CSA
LC4521LA	1800	1000	15	8.3	120	UL, CSA
LC4523LA	3120-4155	1700-2300	15	8.3	208-277	UL, CSA
LC4535LA	7200	4000	15	8.3	480	UL, CSA
LC4536LAC	1800-4155	1000-2290	15	8.3	120-277	UL, CSA

## Specification

The photo control shall provide automatic switching for outdoor lighting loads. The control shall be a thermal design with built-in delay to ensure that the controlled lighting does not switch off due to ambient light or lightning striking the photocell. The photo control shall have a rating of \_\_\_\_\_ Watts and \_\_\_\_\_ Amps tungsten and \_\_\_\_\_ Watts and \_\_\_\_\_ Amps ballast based on testing at 50% power factor for ballast loads. The photo control shall provide switching for nominal voltage  $\pm 10\%$  to accommodate fluctuations in supply voltage. The photo control shall be equipped with standard 3-prong twist and lock type plug connection. The plug terminals shall be solid brass. The photo control housing shall be constructed of high-impact polymer. The photo control components shall consist of a metal film resistor, dual temperature compensating bi-metal blades, snap action contact blades, chemically treated/polymer encapsulated cadmium sulfide photocell, and silver alloy contacts to ensure reliable operation. The photo control shall be 100% factory tested for function within specified light levels. The photo control shall be agency certified and tested accordingly. The photo control shall comply with ANSI standard. The photo control shall meet agency standards for locking devices and ANSI-136.10-1988. The photo control shall function over temperature range of  $-40^{\circ}\text{F}$  to  $158^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$  to  $70^{\circ}\text{C}$ ). The photo control shall be Intermatic model \_\_\_\_\_ (See Model Numbers Listed).

## Limited Product Warranty

### (1) What is Covered By This Limited Warranty

Intermatic Incorporated ("Intermatic") warrants Intermatic's LC4500 Series of Twistlock Photocontrols ("Product") to be free from defects in material or workmanship for a period of two (2) years from date of purchase. This warranty is extended to the owner of the light fixture on which the photocontrol is installed only and it is not transferable ("purchaser"). If the purchaser discovers a defect in material or workmanship, the purchaser must promptly submit a warranty claim. Upon a determination by Intermatic that the Product is defective, Intermatic, shall correct any defect in material or workmanship by replacing the Defective Product. Any repair to Product, including both parts and labor, shall be at Intermatic's expense. The foregoing remedy is the purchaser's exclusive remedy for a breach of warranty. The product must be installed in the appropriate application in complete accordance with the installation instructions. The Product must not be opened, modified, exposed to extreme heat or cold, submerged or subjected to abnormal use or service. Product failures due to damage by accident, dropping, or abuse in handling, acts of God, or any negligent use, are not covered by this warranty. Intermatic shall determine, in its sole discretion, whether any Product returned by a purchaser has been used in accordance with its instructions, is an appropriate model for the purchaser's use thereof, and whether the Product is defective.

### (2) Disclaimer of Warranty

THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER EXPRESSED WARRANTIES. TO THE EXTENT ALLOWED BY LAW, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION OF THIS LIMITED WARRANTY.

### (3) Limitation of Remedies

IN NO CASE SHALL INTERMATIC BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL THEORY. SUCH EXCLUDED DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, DAMAGE TO SOFTWARE, LOSS OF DATA, LOSS OF PROFITS, LOSS OF SAVINGS OR REVENUE, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, DOWNTIME, THE CLAIMS OF THIRD PARTIES INCLUDING CUSTOMERS, DAMAGE TO PROPERTY AND PERSONAL INJURY. SOME STATES DO NOT ALLOW LIMITS ON WARRANTIES OR ON REMEDIES FOR BREACH IN CERTAIN TRANSACTIONS, IN SUCH STATES, THE LIMITS IN THIS PARAGRAPH AND IN PARAGRAPH (2) MAY NOT APPLY.

### (4) Time Limit for Bringing Suit

No action arising out of any claimed breach of warranty may be brought more than one year after the cause of action has occurred.

### (5) No Other Warranties

Unless modified in writing signed by both parties, this agreement is understood to be the complete and exclusive agreement between the parties, superseding all prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this agreement. No employee of Intermatic or any other party is authorized to make any warranty in addition to those made in this agreement. This warranty is made by: Intermatic Incorporated/After Sales Service, 7777 Winn Rd., Spring Grove, IL. 60081-9698/815-675-7000 <http://www.intermatic.com>

### (6) Claim Procedure

The warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing the product, along with proof of purchase, postage prepaid, to the authorized service center listed below.

Address all communications and products returns to:  
Intermatic Warranty Coordinator  
7777 Winn Road  
Spring Grove, Illinois 60081-9698  
Fax: 815-675-7055

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