



LC4521

Locking Type Thermal Photocontrols LC4500 Series

These photocontrols install on light fixtures with ANSI C136.10 NEMA receptacles commonly found on street light fixtures. Locking type design facilitates fast installation and replacement of photocontrol.

Features

- Mechanical bi-metal switch with Cadmium Sulfide photocell
- Integral high impact thermoplastic housing
- Locking type plug for quick installation and changeover
- Delay feature prevents unwanted OFF switching
- Complies with ANSI C136.10 standard
- Tested to 3,650 ON/OFF cycles

Model #	Voltage	Tungsten	Ballast	Protection
LC4521C	120 VAC, 50/60 Hz	1800 W	1000 VA	None
LC4523	208-277 VAC, 50/60 Hz	3100-4150 W	1700-2300 VA	
LC4527*	347 VAC, 50/60 Hz	5205 W	2880 VA	
LC4535	480 VAC, 50/60 Hz	7200 W	4000 VA	
LC4536C	120-277 VAC, 50/60 Hz	1800-4155 W	1000-2300 VA	
LC4521LA	120 VAC, 50/60 Hz	1800 W	1000 VA	Spark Gap Surge Arrestor
LC4523LA	208-277 VAC, 50/60 Hz	3100-4150 W	1700-2300 VA	
LC4535LA	480 VAC, 50/60 Hz	7200 W	4000 VA	
LC4536LAC	120-277 VAC, 50/60 Hz	1800-4155 W	1000-2300 VA	

Note: *LC4527 is only CSA.



Ratings	
Operating Voltage	See Model Table
Inductive Ballast	8.3 A
Incandescent	15 A
Activation On	5 fc
Activation Off	15 fc
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Dimensions H x Dia	2 3/4" x 3" (69.9mm x 76.2 mm)
Warranty	2-year limited



LC2100

Low-Cost Multivoltage Locking Type Thermal Photocontrols

LC2000 Series

This model combines a silicon diode photosensing element with thermal switch to provide a multivoltage, cost-effective photocontrol.

Features

- Mechanical bimetal switch with Silicon Diode photocell
- Thermoplastic housing with window
- Multivoltage covers 120 to 277 VAC applications
- Complies with ANSI C136.10

Model #	Voltage	Tungsten	Ballast
LC2100	120-277 VAC, 50/60 Hz	1800 W	1000 VA



Ratings	
Operating Voltage	See Model Table
Inductive Ballast	1800 VA, 120-277 VAC, 50/60 Hz
Incandescent	1000 W, 120-277 VAC, 50/60 Hz
Activation On	1.5 fc
Activation Off	6 fc
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Dimensions H x Dia	2 7/32" x 3" (56.4mm x 76.2 mm)
Warranty	2-year limited

For all Models Above

Accessories

Shorting Plug, Rating: 15 A, 480 VAC Max	K4500
ANSI C136.10 Locking Type Receptacle, (9" lead)	K121
ANSI C136.10 Locking Type Receptacle, (30" lead)	K121-30
Sealed Locking Type Receptacle with Pole Bracket	K122



K4500



K121/K121-30



K122



12 YEAR
Limited Warranty

NightFox™ Specifier Series

LED4536SC
LED4537SC

Photocontrol specifically designed for 20-year service to match the life expectancy of long-life LED and new induction fixtures.

Features

- Non-drift silicon light sensor with IR filter
- DC relay with zero-crossing circuitry for extended life
- All components meet 20-year life expectancy
- Conformal coated PCB
- Exceeds 15,000 ON/OFF switching cycles
- Ideal for single or multi-fixture HID and LED installations (up to 2,220 W @ 277 VAC)
- 510 J MOV surge protection



8 YEAR
Limited Warranty

NightFox™ Select Series

EK4536
EK4537

Designed to meet a 15-year service life, this photocontrol is LED-compatible and backed by an 8-year warranty.

Features

- Non-drift silicon light sensor with IR filter
- DC relay with zero-crossing circuitry for extended life
- All components meet 15-year life expectancy
- Conformal coated PCB
- Exceeds 10,000 ON/OFF switching cycles
- Ideal for single or multifixture HID and LED installations (up to 1,650 W @ 277 VAC)
- 510 J MOV surge protection



6 YEAR
Limited Warranty

NightFox™ Standard Series

ELC4536

LED-compatible photocontrol features a 10-year life expectancy. Ideal for single fixture control of smaller LED fixtures that require a cost-effective solution.

Features

- Non-drift silicon light sensor with IR filter
- All components meet over 10-year life expectancy
- Exceeds 5,000 ON/OFF switching cycles
- Ideal for single HID and LED fixtures (up to 550 W @ 277 VAC)
- Power-up ON delay (45-60 sec) for easy installation verification and troubleshooting
- 510 J MOV surge protection



For all Models above

Model #	Warranty	Voltage	Inductive Ballast	Electronic Ballast	Incandescent
LED4536SC	12-year limited	120-277 VAC, 50/60 Hz	1800 VA, 120-277 VAC, 50/60 Hz	8 A, 120-277 VAC, 50/60 Hz	1000 W, 120-277 VAC, 50/60 Hz
LED4537SC	12-year limited	347/480 VAC, 50/60 Hz	1800 VA, 347/480 VAC, 50/60 Hz	8 A, 347/480 VAC, 50/60 Hz	1000 W, 347/480 VAC, 50/60 Hz
EK4536	8-year limited	120-277 VAC, 50/60 Hz	1800 VA, 120-277 VAC, 50/60 Hz	6 A, 120-277 VAC, 50/60 Hz	1000 W, 120-277 VAC, 50/60 Hz
EK4537	8-year limited	347/480 VAC, 50/60 Hz	1800 VA, 347/480 VAC, 50/60 Hz	8 A, 347/480 VAC, 50/60 Hz	1000 W, 347/480 VAC, 50/60 Hz
ELC4536	6-year limited	120-277 VAC, 50/60 Hz	1800 VA, 120-277 VAC, 50/60 Hz	2 A, 120-277 VAC, 50/60 Hz	1000 W, 120-277 VAC, 50/60 Hz

Accessories

Shorting Plug, Rating: 15 A, 480 V max	K4500
ANSI C136.10 Locking Type Receptacle, (9" lead)	K121
ANSI C136.10 Locking Type Receptacle, (30" lead)	K121-30
Sealed Locking Type Receptacle with Pole Bracket	K122



K4500



K121/K121-30



K122



Ratings	
Operating Voltage	See Model Table
Inductive Ballast	See Model Table
Electronic Ballast	See Model Table
Incandescent	See Model Table
Activation On	1.5 fc
Activation Off	2.25 fc
Time Delay	2 sec to 5 sec
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Dimensions H x Dia	2 3/4" x 3 3/4" (69.9 mm x 85.8 mm)
Warranty	See Model Table