

## Photocontrols

Intermatic photocontrols provide simple and reliable dusk-to-dawn, ON/OFF control of outdoor lighting applications, such as street, parking lot, pedestrian pathway, and landscape lighting. Our product offering features traditional thermal switch photocontrols for traditional HID and incandescent lighting loads; and extended life electronic photocontrols that are ideally suited for long life LED and induction lighting applications. Intermatic's photocontrol line includes a full range of fix mount and twist lock configurations, making them a great solution for a wide variety of applications.

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**12** YEAR  
Limited Warranty

### Specifier Grade

LED4536SC

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 multifixture HID and LED installations (up to 2,220 W @ 277 VAC)
- 510 J MOV surge protection



**8** YEAR  
Limited Warranty

### Select Grade

EK4536

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
- 15-year design life
- 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

### Standard Grade

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 3,650 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 #	LED Driver Rating	Warranty
LED4536SC	8 A	12-Year
EK4536	6 A	8-Year
ELC4536	2 A	6-Year

#### Accessories

Shorting Plug Locking 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	
<b>Operating Voltage</b>	120-277 VAC, 50/60 Hz
<b>Inductive Ballast</b>	1800 VA
<b>Electronic Ballast</b>	LED4536SC 8 A EK4536 6 A ELC4536 2 A
<b>Incandescent</b>	1000 W
<b>Activation</b>	1.5 fc ON, 2.25 fc OFF
<b>Time Delay</b>	2 to 5 sec
<b>Operating Temperature</b>	-40° F to 158° F (-40° C to 70° C)
<b>Dimensions H x Dia</b>	LED4536SC 2 3/4" x 3" (69.9 mm x 76.2 mm) EK4536 2 3/4" x 3" (69.9 mm x 76.2 mm) ELC4536 2 1/4" x 3 3/16" (57.2 mm x 81 mm)
<b>Warranty</b>	LED4536SC 12-year limited EK4536 8-year limited ELC4536 6-year limited