

## Photocontrol - NIGHTFOX Specifier Grade Locking Type Electronic Photocontrol, 120-277 V

Item LED4536SC



### PRODUCT DESCRIPTION

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
- High precision, microprocessor-controlled zero-cross switching, individually calibrated to extend the life of 20 A relay independent of load being switched

### APPLICATIONS

- Outdoor Lighting Control

### TECHNICAL DATA

#### General

Model Number	LED4536SC
Description	NIGHTFOX Specifier Grade Locking Type Electronic Photocontrol, 120-277 V
UPC Code	078275143647
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	12-Year limited

#### Control Specifications

Sensor Time Delay	Instant ON; 2 sec to 5 sec OFF
Photocell Type	Silicon Diode
Photo Control Switch Type	Relay
Fail Mode	ON
Activation On	1.5 fc
Activation Off	2.25 fc
Photocontrol Type	Electronic
Application Compatibilities	LED; Incandescent; HID
Photocontrol Style	Locking type
Photocontrol Sensor Location	Side

#### Dimensions

Product Height (in)	2.75
Product Height (mm)	69.9
Product Diameter (in)	3.375
Product Diameter (mm)	85.8

#### Material Specifications

Color	White with Blue Band
Housing Material	Polypropylene
<b>Load Ratings</b>	
Incandescent Load Ratings Ranges	8.3 A @ 120 VAC; 3.6 A @ 277 VAC
Magnetic Ballast Range(s)	1800 VA
Tungsten Range(s)	1000 W
Electronic Ballast Load Ratings Ranges	8 A, 120-277 VAC, 50/60 Hz
<b>Electrical Specifications</b>	
Input Voltage Range(s)	120-277 VAC, 50/60 Hz (Nominal Voltage)
Operating Voltage Range(s)	102-305 VAC
Surge Protection Technology	510 J MOV
Switch Type	SPST
Equipment operating voltage	102 - 305 V
Hz	50/60
<b>Packaging</b>	
Shipping Weight (lbs)	0.25
Unit Carton Dimensions (H x W x D) in	3.375 x 3.375 x 3.062 in
<b>Operating Specifications</b>	
Expected Lifetime (Years)	20
Expected Lifetime (Operations)	15000
<b>Environmental Specifications</b>	
Temperature (operation)	-40 °F to 158 °F / (-40 °C to 70 °C)
Usage Environments	Outdoor
<b>Standards and Certifications</b>	
UL Certification	cULus
Other Certifications and Compatibilities	Title 20; ANSI C136.10; Green Energy +
California Proposition 65	None
RoHS Certification	N/A

---

**ACCESSORIES**

K121  
Locking Type Receptacle, 3-Pin, C136.10  
Compliant, 9" lead



K121-30  
Locking Type Receptacle, 3-Pin, C136.10  
Compliant, 30" lead



K122  
Locking Type Receptacle, 3-Pin, C136.10  
Compliant, with Pole Mounting Bracket



K171H  
Locking Type Receptacle, 7-Pin, C136.41  
Compliant, 12" lead



KPT1170-010  
PowerTap Receptacle, 7-Pin, C136.41  
Compliant, Dusk-to-Dawn, 10' cable



KPT0170-010  
PowerTap Receptacle, 7-Pin, C136.41  
Compliant, Always-On, 10' cable



SK4500K  
Shorting Plug for Locking Type Receptacles



KPT0170-015  
PowerTap Receptacle, 7-Pin, C136.41  
Compliant, Always-On, 15' cable



SK4500KMX  
Shorting Plug for Locking Type Receptacles