

## Photocontrol - NIGHTFOX Specifier Grade Locking Type Electronic Photocontrol, 347/480 V

Item LED4537SC



### 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)
- ▶ 685 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	LED4537SC
Description	NIGHTFOX Specifier Grade Locking Type Electronic Photocontrol, 347/480 V
UPC Code	078275148987
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 Yellow Band
Housing Material	Polypropylene

**Load Ratings**

Magnetic Ballast (NO) Range(s)	1800 VA
Electronic Ballast Load Ratings NO Ranges	2 A, 347 VAC
Tungsten Incandescent Load Ratings NO Ranges	1000 W

**Electrical Specifications**

Input Voltage Range(s)	347/480 VAC, 50/60 Hz
Surge Protection Technology	685 J MOV

**Packaging**

Shipping Weight (lbs)	0.25
Unit Carton Dimensions (H x W x D) in	3.375 x 3.375 x 3.062 in

**Operating Specifications**

Expected Lifetime (Years)	20
Expected Lifetime (Operations)	15000

**Environmental Specifications**

Temperature (operation)	-40 °F to 158 °F / (-40 °C to 70 °C)
Usage Environments	Outdoor

**Standards and Certifications**

UL Certification	cULus
Other Certifications and Compatibilities	Title 20; ANSI C136.10; Green Energy +; LED
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