

## 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 3/4 |
| Product Height (mm)   | 69.9  |
| Product Diameter (in) | 3.375 |
| Product Diameter (mm) | 85.8  |

#### Material Specifications

|                  |                        |
|------------------|------------------------|
| Cover Color      | White with Yellow Band |
| Housing Material | Polypropylene          |

**Load Ratings**

|  |              |
|--|--------------|
| Magnetic Ballast Range(s)              | 1800 VA      |
| Tungsten Range(s)                      | 1000 W       |
| Electronic Ballast Load Ratings Ranges | 2 A, 347 VAC |

**Electrical Specifications**

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

**Packaging**

|                                       |                          |
|---------------------------------------|--------------------------|
| 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°C..70°C |
| Usage Environments      | Outdoor     |

**Standards and Certifications**

|  |                        |
|--|------------------------|
| UL Certification                         | cULus                  |
| Other Certifications and Compatibilities | Title 20; Ansi C136.10 |
| California Proposition 65                | None                   |

## 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