

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

Item EK4537



### PRODUCT DESCRIPTION

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)
- ▶ 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                   | EK4537  |
| Description                    | NIGHTFOX Select Grade Locking Type Electronic Photocontrol, 347/480 V |
| UPC Code                       | 078275148970  |
| Brand                          | Intermatic  |
| Country of Origin (Intermatic) | MEXICO  |
| Warranty Period                | 8-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                          |
| <b>Load Ratings</b>                       |  |
| Tungsten Range(s)                         | 1000 W                                 |
| Magnetic Ballast (NO) Range(s)            | 1800 VA                                |
| Electronic Ballast Load Ratings NO Ranges | 2 A, 347 VAC                           |
| <b>Electrical Specifications</b>          |  |
| Input Voltage Range(s)                    | 347/480 VAC, 50/60 Hz                  |
| Surge Protection Technology               | 685 J MOV                              |
| Hz  | 50/60                                  |
| <b>Packaging</b>                          |  |
| Shipping Weight (lbs)                     | 0.35                                   |
| 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)                 | 15                                     |
| Expected Lifetime (Operations)            | 10000                                  |
| <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                 | DEHP                                   |
| 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



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



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