

## Photocontrol - NIGHTFOX EK Series Premium Stem and Swivel Mount Electronic Photocontrol, 347 V

Item EK4227S



### PRODUCT DESCRIPTION

NIGHTFOX EK Series Electronic Photocontrols are designed for permanent installation within outdoor-rated electrical enclosures, in-wall junction boxes, or lighting fixtures. This premium solution is suitable for use with high-efficiency, long-life LED luminaires. The unit mounts externally and requires a minimum enclosure aperture of 7/8" in diameter. Each control is equipped with 6" color-coded wire leads to ensure reliable and efficient installation.

### FEATURES

- Non-drift silicon light sensor with IR filter
- DC relay with zero-crossing circuitry for extended life
- Conformal coated PCB
- 15-year design life
- Exceeds 10,000 ON/OFF switching cycles
- Fail ON mode
- Ideal for single or multifixture HID and LED installations
- 220 J MOV surge protection element
- 1/2"-14 NPSM threaded stem fits standard outlet boxes and wall packs for a minimum installation hole size of 7/8 inch diameter
- #18 AWG wire leads

### APPLICATIONS

- Outdoor Lighting Control

### TECHNICAL DATA

#### General

|                                |   |
|--------------------------------|---|
| Model Number                   | EK4227S   |
| Description                    | NIGHTFOX EK Series Premium Stem and Swivel Mount Electronic Photocontrol, 347 V |
| UPC Code                       | 078275152380  |
| 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               | 4.5 fc                         |
| Photocontrol Type            | Electronic                     |
| Application Compatibilities  | LED; Incandescent; HID         |
| Photocontrol Style           | Stem and Swivel Mount          |
| Photocontrol Sensor Location | Side                           |

#### Dimensions

|                     |       |
|---------------------|-------|
| Product Height (in) | 5.625 |
|---------------------|-------|

|                       |         |
|-----------------------|---------|
| Product Height (mm)   | 142.9   |
| Product Width (in)    | 1.313   |
| Product Width (mm)    | 33.3    |
| Product Depth (in)    | 1.25    |
| Product Depth (mm)    | 31.8    |
| Wire Lead Length (in) | 6       |
| Wire Lead Length (mm) | 152.4   |
| Wire Size Max         | #18 AWG |

#### Material Specifications

|                  |               |
|------------------|---------------|
| Color            | Gray          |
| Housing Material | Polycarbonate |

#### Load Ratings

|  |         |
|--|---------|
| Tungsten Range(s)                      | 1000 W  |
| Ballast Fluorescent Ranges             | 1800 VA |
| Electronic Ballast Load Ratings Ranges | 2 A     |

#### Electrical Specifications

|                             |                          |
|-----------------------------|--------------------------|
| Wiring Option               | Wire leads               |
| Input Voltage Range(s)      | 347 VAC, 50/60 Hz        |
| Surge Protection Technology | 220 J MOV, 5,000 A Surge |
| Hz                          | 50/60                    |

#### Packaging

|                                       |                     |
|---------------------------------------|---------------------|
| Shipping Weight (lbs)                 | 0.28                |
| Unit Carton Dimensions (H x W x D) in | 4.875 x 3 x 1.75 in |

#### Operating Specifications

|                                |       |
|--------------------------------|-------|
| Expected Lifetime (Years)      | 15    |
| Expected Lifetime (Operations) | 10000 |

#### 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 | ANSI C136.24; Green Energy + |
| California Proposition 65                | Nickel; DEHP                 |
| RoHS Certification                       | N                            |

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## ACCESSORIES



22LG0120

Light Guard Accessory for EK4000 Series Electronic Fix Mount Photocontrols



LGLBL

Lens Sticker Accessory for EK4000 & K4000 Series Photocontrols