

## Photocontrol - NIGHTFOX EK Series Premium Wall Mount Electronic Photocontrol, 120-277 V

Item EK4336S



### PRODUCT DESCRIPTION

NIGHTFOX EK Series Electronic Photocontrols are designed for permanent installation within single-gang in-wall junction boxes. This premium solution is suitable for use with high-efficiency, long-life LED luminaires. 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 (up to 1,650 W @ 277 VAC).
- ▶ 255 J MOV surge protection element.
- ▶ Fits standard single-gang in-wall electrical boxes.
- ▶ Wall Plate is included.

### APPLICATIONS

- ▶ Outdoor Lighting Control

### TECHNICAL DATA

| General                        |                                                                          |
|--------------------------------|--------------------------------------------------------------------------|
| Model Number                   | EK4336S                                                                  |
| Description                    | NIGHTFOX EK Series Premium Wall Mount Electronic Photocontrol, 120-277 V |
| UPC Code                       | 078275148314                                                             |
| 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             | In-Wall                                                                  |
| Photocontrol Sensor Location   | Front                                                                    |
| Dimensions                     |                                                                          |
| Product Height (in)            | 2.25                                                                     |
| Product Height (mm)            | 57.2                                                                     |
| 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   |
| Stem Diameter         | 3/8"      |
| Stem Thread Size      | 3/8" - 18 |
| Stem Thread Type      | NPSM      |

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

| Load Ratings                        |                  |
|-------------------------------------|------------------|
| Magnetic Ballast (NO) Range(s)      | 1800 VA          |
| Electronic Ballast (NO) Range(s)    | 6 A, 120-277 VAC |
| Tungsten Incandescent (NO) Range(s) | 1000 W           |

| Electrical Specifications   |                                         |
|-----------------------------|-----------------------------------------|
| Wiring Option               | Wire leads                              |
| Input Voltage Range(s)      | 120-277 VAC, 50/60 Hz (Nominal Voltage) |
| Operating Voltage Range(s)  | 102-305 VAC                             |
| Surge Protection Technology | 255 J MOV, 5,000 A Surge                |
| Switch Type                 | SPST                                    |

| Packaging                             |                         |
|---------------------------------------|-------------------------|
| Shipping Weight (lbs)                 | 0.4                     |
| Unit Carton Dimensions (H x W x D) in | 4.875 x 3.063 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 | Title 20; ANSI C136.24; Green Energy +; LED |
| California Proposition 65                | DEHP                                        |
| RoHS Certification                       | Y                                           |

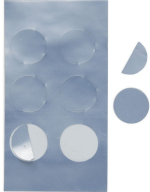
ACCESSORIES



6LV1352  
Light Shield Accessory for EK4036S,  
EK4436SM, K4000 Series Button Photocontrols



K43-WP-KIT  
Wall Plate Kit for EK4036S, K4000 Series Button Photocontrols



LGLBL  
Lens Sticker Accessory for EK4000 & K4000  
Series Photocontrols