

Photocontrol - NIGHTFOX EK Series Premium Stem Mount Electronic Photocontrol, 480 V

Item EK4135S



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 | EK4135S |
| Description | NIGHTFOX EK Series Premium Stem Mount Electronic Photocontrol, 480 V |
| UPC Code | 078275152403 |
| 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 Mount |
| Photocontrol Sensor Location | Side |

| 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 |

Material Specifications

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

Load Ratings

| | |
|---|---------|
| Tungsten Range(s) | 1000 W |
| Ballast Fluorescent Ranges | 1800 VA |
| Electronic Ballast Load Ratings NO Ranges | 0.35 A |

Electrical Specifications

| | |
|-----------------------------|--------------------------|
| Wiring Option | Wire leads |
| Input Voltage Range(s) | 480 VAC, 50/60 Hz |
| Surge Protection Technology | 220 J MOV, 5,000 A Surge |
| Hz | 50/60 |

Packaging

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|---------------------------------------|---------------------|
| Shipping Weight (lbs) | 0.215 |
| 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 | Title 20; ANSI C136.24; Green Energy + |
| California Proposition 65 | Nickel; DEHP |
| RoHS Certification | N |

ACCESSORIES



22LG0120
Light Guard Accessory for EK4000 Series Electronic Fix Mount
Photocontrols



LGLBL
Lens Sticker Accessory for EK4000 & K4000 Series
Photocontrols