

Photocontrol - NightFox™ Stem Mount Electronic Photocontrol, 480 V

Item EK4135S



PRODUCT DESCRIPTION

NightFox™ electronic photocontrols permanently install on outdoor electrical boxes or outdoor lighting fixtures. Ideal for LED fixtures with long-life expectations. ½"-14 NPSM threaded stem fits standard outlet boxes and wall packs with 9" wire leads.

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 multi fixture HID and LED installations
- ▶ 220J MOV surge protection element
- ▶ #18 AWG wire leads

APPLICATIONS

- ▶ Outdoor Lighting Control

TECHNICAL DATA

General

| | |
|--------------------------------|---|
| Model Number | EK4135S |
| Description | NightFox™ Stem Mount Electronic Photocontrol, 480 V |
| UPC Code | 078275152403 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 8-Year limited |
| Usage Environments | Outdoor |
| Photocontrol Type | Electronic |
| Expected Lifetime (Years) | 15 |
| Expected Lifetime (Operations) | 10000 |
| Application Compatibilities | LED; Incandescent; HID |
| Photocontrol Style | Stem Mount |
| Photocontrol Sensor Location | Side |

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 |

Dimensions

| | |
|---------------------|-------|
| Product Height (in) | 2 1/4 |
| Product Height (mm) | 57.2 |

| | |
|-----------------------|---------|
| Product Width (in) | 1 5/16 |
| Product Width (mm) | 33.3 |
| Product Depth (in) | 1 1/4 |
| Product Depth (mm) | 31.8 |
| Wire Lead Length (in) | 9 |
| Wire Lead Length (mm) | 228.6 |
| Wire Size Max | #18 AWG |

Material Specifications

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

Load Ratings

| | |
|--|---|
| Tungsten Range(s) | 1000 W |
| Ballast Fluorescent Ranges | 1800 VA |
| Electronic Ballast Load Ratings Ranges | 0.35 A (Tested with 150 W 480 V LED driver with 120 Apk /100µs In-rush current) |

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 |

Packaging

| | |
|---------------------------------------|---------------------|
| Shipping Weight (lbs) | 0.215 |
| Unit Carton Dimensions (H x W x D) in | 4.875 x 3 x 1.75 in |

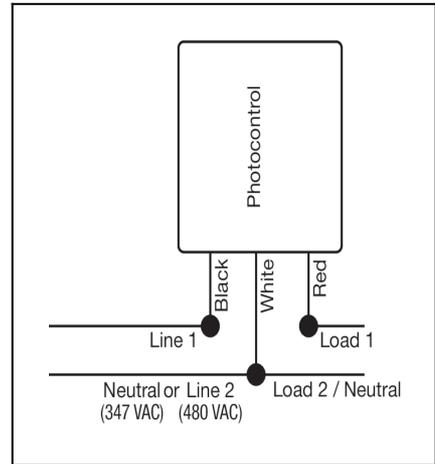
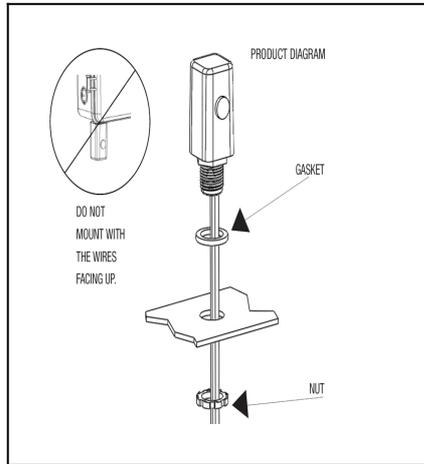
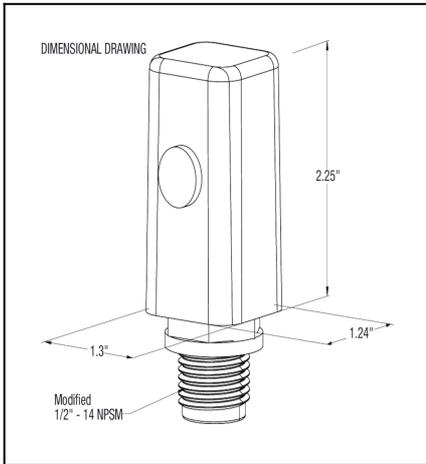
Environmental Specifications

| | |
|-------------------------|-------------|
| Temperature (operation) | -40°C..70°C |
|-------------------------|-------------|

Standards and Certifications

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|--|---------------------------|
| Other Certifications and Compatibilities | CA Title 20; Ansi C136.24 |
| California Proposition 65 | Nickel; DEHP |
| RoHS Certification | No |
| PDF Standards And Certifications | CA Title 20 |

DRAWINGS AND DIAGRAMS



ACCESSORIES



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



LGLBL
Lens Sticker Accessory for EK4000 & K4000 Series Photocontrols