

Photocontrol - NIGHTFOX ELC Series Top Lens Stem and Swivel Mount Electronic Photocontrol, 120-277 V

Item ELC4736



PRODUCT DESCRIPTION

NIGHTFOX ELC Series Electronic Photocontrols are designed for permanent installation within outdoor-rated electrical enclosures, in-wall junction boxes, or lighting fixtures. This standard, budget-friendly 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

- ▶ Phototransistor Light Sensor with Relay Switch.
- ▶ Dusk to Dawn Operation.
- ▶ Delay feature prevents unwanted switching.
- ▶ 10-year design life.
- ▶ Exceeds 3,650 ON/OFF switching cycles.
- ▶ 1/2"-14 NPSM threaded stem fits standard outlet boxes and wall packs for a minimum installation hole size of 7/8" diameter.

APPLICATIONS

- ▶ Outdoor Lighting Control

TECHNICAL DATA

| General | |
|--------------------------------|---|
| Model Number | ELC4736 |
| Description | NIGHTFOX ELC Series Top Lens Stem and Swivel Mount Electronic Photocontrol, 120-277 V |
| UPC Code | 078275160019 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 5-Year limited |
| Control Specifications | |
| Sensor Time Delay | 2 sec to 5 sec |
| Photocell Type | Phototransistor |
| Photo Control Switch Type | Relay |
| Fail Mode | ON |
| Activation On | 1 to 5 fc |
| Activation Off | 3 to 15 fc |
| Photocontrol Type | Electronic |
| Application Compatibilities | LED; Incandescent; HID |
| Photocontrol Style | Stem and Swivel Mount |
| Photocontrol Sensor Location | Top |
| 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 |
| Stem Diameter | 1/2" |
| Stem Thread Size | 1/2" - 14 |
| Stem Thread Type | NPSM |

Material Specifications

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|------------------|---------------|
| Color | Black |
| Housing Material | Polycarbonate |

Load Ratings

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|---|-----------------------------------|
| Tungsten Range(s) | 430 W @ 120 VAC; 1000 W @ 277 VAC |
| Magnetic Ballast (NO) Range(s) | 1800 VA |
| Electronic Ballast Load Ratings NO Ranges | 2 A |

Electrical Specifications

| | |
|----------------------------|---|
| Wiring Option | Wire leads |
| Input Voltage Range(s) | 120-277 VAC, 50/60 Hz (Nominal Voltage) |
| Operating Voltage Range(s) | 120-277 VAC |
| Switch Type | SPST |
| Hz | 50/60 |

Packaging

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|---------------------------------------|---------------------|
| Shipping Weight (lbs) | 0.28 |
| Unit Carton Dimensions (H x W x D) in | 4.875 x 3 x 1.75 in |
| Product Weight (lbs) | 0.28 |
| Product Weight (kg) | 0.127 |

Operating Specifications

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|--------------------------------|------|
| Expected Lifetime (Years) | 10 |
| Expected Lifetime (Operations) | 3650 |

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; Green Energy |
| California Proposition 65 | DEHP |
| RoHS Certification | Y |