

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

Item ELC4236



### 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	ELC4236
Description	NIGHTFOX ELC Series Stem and Swivel Mount Electronic Photocontrol, 120-277 V
UPC Code	078275159952
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	5-Year limited

#### Control Specifications

Sensor Time Delay	15 sec to 30 sec ON, 2 sec to 5 sec OFF
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	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
Stem Diameter	1/2"
Stem Thread Size	1/2" - 14
Stem Thread Type	NPSM

#### Material Specifications

Color	Black
Housing Material	Polycarbonate

#### Load Ratings

Tungsten Range(s)	430 W @ 120 VAC; 1000 W @ 277 VAC
Ballast Fluorescent Ranges	1800 VA
Electronic Ballast Load Ratings 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

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

#### Operating Specifications

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