

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

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

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