

Photocontrol - Wall Mount Electronic Photocontrol, 120-277 V

Item EK4336S



PRODUCT DESCRIPTION

NightFox™ electronic photocontrols permanently install on outdoor electrical boxes, in-wall boxes or outdoor lighting fixtures. Ideal for LED and induction 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 multifixture HID and LED installations (up to 1,650 W @ 277 VAC)
- ▶ 255 J MOV surge protection element
- ▶ 1/2"-14 NPSM threaded stem fits standard outlet boxes and wall packs
- ▶ #18 AWG wire leads

APPLICATIONS

- ▶ Parking Lot Lighting
- ▶ Landscape Lighting
- ▶ Exterior Lighting
- ▶ Street Lighting
- ▶ Pedestrian Pathway Lighting

TECHNICAL DATA

General

Model Number	EK4336S
Description	Wall Mount Electronic Photocontrol, 120-277 V
UPC Code	078275148314
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty	5-year limited
Usage Environments	Outdoor
Photocontrol Type	Electronic
Expected Lifetime (Years)	15
Expected Lifetime (Operations)	10000
Application Compatibilities	LED; Incandescent; HID
Photocontrol Style	In-Wall
Photocontrol Sensor Location	Front

Electrical Specifications

Wiring Option	Wire Leads
Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Surge Protection	255 J MOV, 5,000 A Surge

Load Ratings

Tungsten Range(s)	1000 W
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Ballast (Fluorescent) Range(s)	1800 VA
Electronic Ballast	6 A, 120-277 VAC, 50 Hz; 6 A, 120-277 VAC, 60 Hz
Electronic Ballast Range(s)	6 A, 120-277 VAC, 50/60 Hz

Material Specifications

Cover Color	Gray
Housing Material	Polycarbonate

Control Specifications

Sensor Time Delay	2 sec to 5 sec
PhotoCell Type	Silicon Diode
Switch Type	Relay
Fail Mode	ON
Activation On	1.5 fc
Activation Off	4.5 fc

Environmental Specifications

Operating Temperature	-40 °F to 158 °F / (-40 °C to 70 °C)
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Standards and Certifications

UL Certification	UL
CSA Certification	CSA
Other Certifications	Title 20; Ansi C136.24
California Proposition 65	DEHP
RoHS Certification	Yes

Dimensions

Product Dimensions (H x W x D)	2 1/4 x 1 5/16 x 1 1/4 in
Wire Lead Length (in)	9
Wire Size Max	#18 AWG

Packaging

Shipping Weight (lbs)	0.4
Shipping Weight (kg)	0.181
Unit Carton Height (in)	4.875
Unit Carton Width (in)	3.063
Unit Carton Length (in)	1.75