

Photocontrol - NIGHTFOX™ Wall Mount Electronic Photocontrol, 120-277 V

Item EK4336SD89



PRODUCT DESCRIPTION

NIGHTFOX™ electronic photocontrols permanently install on standard single-gang in-wall boxes. Standard wall plate included. Ideal for LED fixtures with long-life expectations.

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
- ▶ Fits standard single-gang in-wall electrical boxes
- ▶ Wall Plate is included

TECHNICAL DATA

General

Model Number	EK4336SD89
Description	NIGHTFOX™ Wall Mount Electronic Photocontrol, 120-277 V
UPC Code	078275148314
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	8-Year limited

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
Photocontrol Type	Electronic
Application Compatibilities	LED; Incandescent; HID
Photocontrol Style	In-Wall
Photocontrol Sensor Location	Front

Dimensions

Product Height (in)	2.25
Product Height (mm)	57.2
Product Width (in)	1.3125
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

Material Specifications	
Color	Silver
Housing Material	Polycarbonate
Load Ratings	
Incandescent Load Ratings Ranges	1000 W, 120-277 VAC, 50/60 Hz
Tungsten Range(s)	1000 W
Inductive	1800 VA, 120 VAC, 50 Hz; 1800 VA, 208 VAC, 50 Hz; 1800 VA, 240 VAC, 50 Hz; 1800 VA, 277 VAC, 50 Hz; 1800 VA, 120 VAC, 60 Hz; 1800 VA, 208 VAC, 60 Hz; 1800 VA, 240 VAC, 60 Hz; 1800 VA, 277 VAC, 60 Hz
Electronic Ballast Load Ratings NO Ranges	6 A, 120-277 VAC, 50/60 Hz
Inductive Load Ratings Ranges	1800 VA, 120-277 VAC, 50/60 Hz
Electrical Specifications	
Wiring Option	Wire leads
Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Surge Protection Technology	255 J MOV, 5,000 A Surge
Hz	50/60
Packaging	
Shipping Weight (lbs)	0.4
Unit Carton Dimensions (H x W x D) in	4.875 x 3.063 x 1.75 in
Operating Specifications	
Expected Lifetime (Years)	15
Expected Lifetime (Operations)	10000
Environmental Specifications	
Temperature (operation)	-40 °F to 158 °F / (-40 °C to 70 °C)
Usage Environments	Outdoor
Standards and Certifications	
UL Certification	cULus
CSA Certification	cCSAus
Other Certifications and Compatibilities	Title 20; ANSI C136.24; Green Energy +
California Proposition 65	DEHP
RoHS Certification	Y

ACCESSORIES



6LV1352
Light Shield Accessory for EK4036S,
EK4436SM, K4000 Series Button Photocontrols



K43-WP-KIT
Wall Plate Kit for EK4036S, K4000 Series Button
Photocontrols



LGLBL
Lens Sticker Accessory for EK4000 & K4000
Series Photocontrols