INTERMATIC®

Photocontrol - NightFox™ Stem Mount Electronic Photocontrol, 120-277 V

Item EK4136S

PRODUCT DESCRIPTION

NightFox™ electronic photocontrols permanently install on outdoor electrical boxes or outdoor lighting fixtures. Ideal for LED fixtures with long-life expectations. ½"-14 NPSM threaded stem fits standard outlet boxes and wall packs with a minimum installation hole size of 7/8" diameter. Come 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 for a minimum installation hole size of 7/8 inch diameter
► #18 AWG wire leads

APPLICATIONS

► Outdoor Lighting Control

TECHNICAL DATA

General	
Model Number	EK4136S
Description	NightFox™ Stem Mount Electronic Photocontrol, 120-277 V
UPC Code	078275146297
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	Stem Mount
Photocontrol Sensor Location	Side

Dimensions	
Product Height (in)	2 1/4
Product Height (mm)	57.2
Product Width (in)	1 5/16

Product Width (mm)	33.3
Product Depth (in)	1 1/4
Product Depth (mm)	31.8
Wire Lead Length (in)	9
Wire Lead Length (mm)	228.6
Wire Size Max	#18 AWG

Material Specifications	
Cover Color	Gray
Housing Material	Polycarbonate

Load Ratings	
Tungsten Range(s)	1000 W
Ballast Fluorescent Ranges	1800 VA
Electronic Ballast Load Ratings Ranges	6 A, 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

Packaging	
Shipping Weight (lbs)	0.215
Unit Carton Dimensions (H x W x D) in	4.875 x 3 x 1.75 in

Operating Specifications	
Expected Lifetime (Years)	15
Expected Lifetime (Operations)	10000

Environmental Specifications	
Temperature (operation)	-40°C..70°C
Usage Environments	Outdoor

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

DRAWINGS AND DIAGRAMS

Photocontrol

BLACK WHITE RED

Line 1

Load 1

Load 2 / Neutral

Neutral or Line 2
(120/277 VAC) (208/240 VAC)

DIMENSIONAL DRAWING

2.25"

1.3"

1.24"

Modified
1/2" - 14 NPSM

PRODUCT DIAGRAM

DO NOT
MOUNT WITH
THE WIRES
FACING UP.
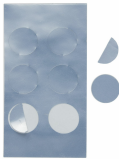
GASKET

NUT
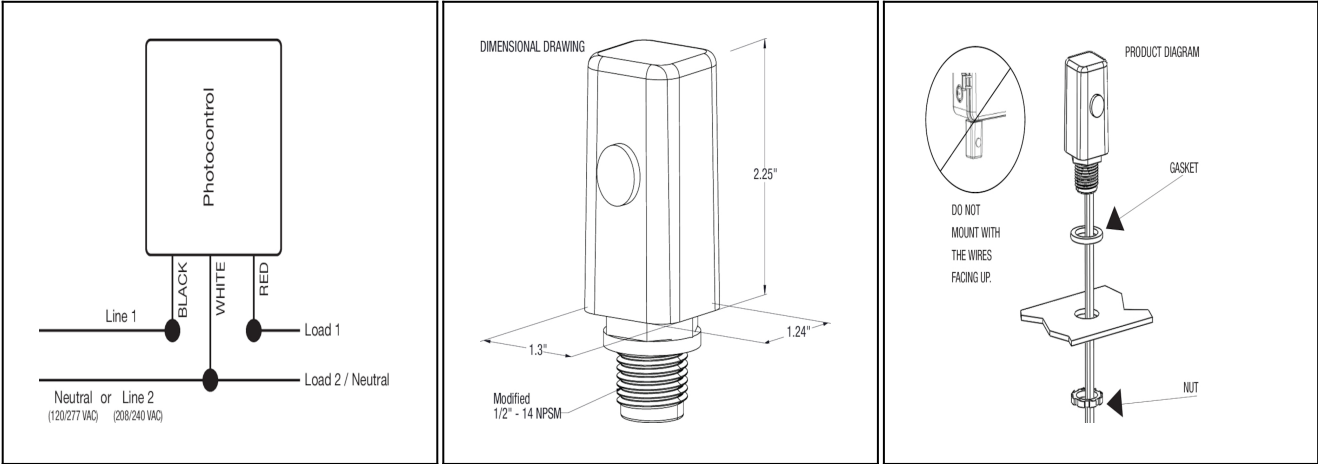
ACCESSORIES

22LG0120

Light Guard Accessory for EK4000 Series Electronic Fix Mount Photocontrols

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

Technical specifications and other information are subject to change without notice. Images can vary from original.

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