

Photocontrol - NightFox™ Stem Mount Electronic Photocontrol, 347 V

Item EK4127S





PRODUCT DESCRIPTION

NightFoxTM 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 multi fixture HID and LED installations
- ▶ 220J 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	EK4127S
Description	NightFox™ Stem Mount Electronic Photocontrol, 347 V
UPC Code	078275152373
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	8-Year limited
Usage Environments	Outdoor
Photocontrol Type	Electronic
Expected Lifetime (Years)	15
Expected Lifetime (Operations)	10000
Application Compatibilities	LED; Incandescent; HID
Photocontrol Style	Stem Mount
Photocontrol Sensor Location	Side

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

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	
Flectronic Rallast Load Ratings Ranges	2 Δ	

Electrical Specifications	
Wiring Option	Wire leads
Input Voltage Range(s)	347 VAC, 50/60 Hz
Surge Protection Technology	220 J MOV. 5.000 A Surge

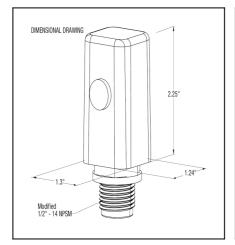
Packaging	
Shipping Weight (lbs)	0.215
Unit Carton Dimensions (H x W x D) in	4.875 x 3 x 1.75 in

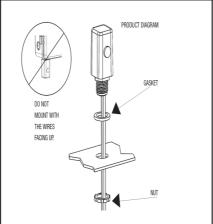
Environmental Specifications		
Temperature (operation)	-40°C70°C	
Standards and Certifications		

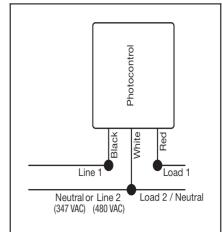
UL Certification	cULus
Other Certifications and Compatibilities	Ansi C136.24
California Proposition 65	Nickel; DEHP
RoHS Certification	No
PDF Standards And Certifications	cULus
Epi Certifications	cULus



DRAWINGS AND DIAGRAMS









ACCESSORIES



22LG0120 Light Guard Accessory for EK4000 Series Electronic Fix Mount Photocontrols



LGLBL
Lens Sticker Accessory for EK4000 & K4000 Series Photocontrols