

Photocontrol - NightFox™ Select Grade Locking Type Electronic Photocontrol, 120-277 V

Item EK4536



PRODUCT DESCRIPTION

Designed to meet a 15-year service life, this photocontrol is LED-compatible and backed by an 8-year warranty.

FEATURES

- ▶ Non-drift silicon light sensor with IR filter
- ▶ DC relay with zero-crossing circuitry for extended life
- ▶ All components meet 15-year life expectancy
- ▶ Conformal coated PCB
- ▶ Exceeds 10,000 ON/OFF switching cycles
- ▶ Ideal for single or multifixture HID and LED installations (up to 1,650 W @ 277 VAC)
- ▶ 510 J MOV surge protection
- ▶ High precision, microprocessor-controlled zero-cross switching, individually calibrated to extend the life of 20 A relay independent of load being switched

APPLICATIONS

- ▶ Outdoor Lighting Control

TECHNICAL DATA

General

Model Number	EK4536
Description	NightFox™ Select Grade Locking Type Electronic Photocontrol, 120-277 V
UPC Code	078275130173
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	Locking type
Photocontrol Sensor Location	Side

Control Specifications

Sensor Time Delay	Instant ON; 2 sec to 5 sec OFF
Photozell Type	Silicon Diode
Photo Control Switch Type	Relay
Fail Mode	ON
Activation On	1.5 fc
Activation Off	2.25 fc

Dimensions

Product Height (in)	2 3/4
Product Height (mm)	69.9
Product Diameter (in)	3.375

Product Diameter (mm)	85.8
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Material Specifications

Cover Color	White with Blue Band
Housing Material	Polypropylene

Load Ratings

Magnetic Ballast Range(s)	1800 VA
Tungsten Range(s)	1000 W
Electronic Ballast Load Ratings Ranges	6 A, 120-277 VAC, 50/60 Hz

Electrical Specifications

Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Surge Protection Technology	510 J MOV

Packaging

Shipping Weight (lbs)	0.25
Unit Carton Dimensions (H x W x D) in	3.375 x 3.375 x 3.062 in

Environmental Specifications

Temperature (operation)	-40°C..70°C
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Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Title 20; Ansi C136.10
California Proposition 65	None
RoHS Certification	Yes

ACCESSORIES



K121
Locking Type Receptacle, 3-Pin, C136.10
Compliant, 9" lead



K121-30
Locking Type Receptacle, 3-Pin, C136.10
Compliant, 30" lead



K122
Locking Type Receptacle, 3-Pin, C136.10
Compliant, with Pole Mounting Bracket



K171H
Locking Type Receptacle, 7-Pin, C136.41
Compliant, 12" lead



KPT0170-010
PowerTap Receptacle, 7-Pin, C136.41
Compliant, Always-On, 10' cable



KPT1170-010
PowerTap Receptacle, 7-Pin, C136.41
Compliant, Dusk-to-Dawn, 10' cable



SK4500K
Shorting Plug for Locking Type Receptacles



KPT0170-015
PowerTap Receptacle, 7-Pin, C136.41
Compliant, Always-On, 15' cable