

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

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	2.25 fc
Photocontrol Type	Electronic
Application Compatibilities	LED; Incandescent; HID
Photocontrol Style	Locking type
Photocontrol Sensor Location	Side

Dimensions	
Product Height (in)	2.75
Product Height (mm)	69.9
Product Diameter (in)	3.375
Product Diameter (mm)	85.8

Material Specifications

Color	White with Blue Band
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Housing Material	Polypropylene
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Load Ratings

Magnetic Ballast (NO) Range(s)	1800 VA
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Electronic Ballast Load Ratings NO Ranges	6 A, 120-277 VAC
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Tungsten Incandescent Load Ratings NO Ranges	1000 W
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Electrical Specifications

Input Voltage Range(s)	120-277 VAC, 50/60 Hz (Nominal Voltage)
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Operating Voltage Range(s)	102-305 VAC
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Surge Protection Technology	510 J MOV
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Switch Type	SPST
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Hz	50/60
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Packaging

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

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

Temperature (operation)	-40 °F to 158 °F / (-40 °C to 70 °C)
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Usage Environments	Outdoor
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Standards and Certifications

UL Certification	cULus
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Other Certifications and Compatibilities	Title 20; ANSI C136.10; Green Energy +
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California Proposition 65	None
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RoHS Certification	Y
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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



SK4500KMX
Shorting Plug for Locking Type
Receptacles