

Photocontrol - NIGHTFOX IP66 Select Grade Locking Type Electronic Photocontrol, 120-277 V

Item EK6536KL



PRODUCT DESCRIPTION

Designed to meet a 15-year service life, this photocontrol is LED-compatible and backed by a 10-year warranty. Pricing is available upon request.

FEATURES

- ▶ IP66 Rated Enclosure (Dustproof & Waterproof)
- ▶ 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	EK6536KL
Description	NIGHTFOX IP66 Select Grade Locking Type Electronic Photocontrol, 120-277 V
UPC Code	078275158795
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	10-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 Width (in)	1.75
Product Diameter (in)	3.375
Product Diameter (mm)	85.8

Material Specifications	
Color	Black
Housing Material	Polycarbonate
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 (Nominal Voltage)
Operating Voltage Range(s)	102-305 VAC
Surge Protection Technology	510 J MOV
Hz	50/60
Packaging	
Shipping Weight (lbs)	0.25
Unit Carton Dimensions (H x W x D) in	2.75 x 3.375 x 3.375 in
Product Weight (lbs)	0.25
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	IP66; Outdoor
Standards and Certifications	
UL Certification	cULus
Other Certifications and Compatibilities	ANSI C136.10; IP66; Title 20
California Proposition 65	None
RoHS Certification	Y

ACCESSORIES



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



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



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



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



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