

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

### 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