

## Photocontrol - NIGHTFOX Select Grade Locking Type Electronic Photocontrol, 120-277 V, Black, 10kV/5kA Surge Protection Per C136.10

Item NF10KL



### PRODUCT DESCRIPTION

NIGHTFOX Select grade long life photocontrols are designed to match the life of the LED lighting fixture. Our Select grade photocontrols are designed to last 15 years and are backed up by a 10-year warranty.

### FEATURES

- ▶ Non-drifting silicon light sensor, IR filtered for human eye response
- ▶ Zero-cross technology helps the device withstand severe inrush currents and extend the 20 A relay life
- ▶ Exceeds 10,000 ON/OFF operations at full load, to meet life expectancy of LED fixtures
- ▶ Conformal coated PCB assembly
- ▶ All components meet 15-year life requirements
- ▶ For high-performance LED fixtures totaling 1650 W @ 277 VAC

### APPLICATIONS

- ▶ Outdoor Lighting Control

### TECHNICAL DATA

General	
Model Number	NF10KL
Description	NIGHTFOX Select Grade Locking Type Electronic Photocontrol, 120-277 V, Black, 10kV/5kA Surge Protection Per C136.10
UPC Code	078275151123
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 (mm)	60.3
Product Diameter (in)	3.365
Product Diameter (mm)	85.5

Material Specifications	
Cover Color	Black

Housing Material	Polycarbonate with Acrylic Window
------------------	-----------------------------------

**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

**Packaging**

Shipping Weight (lbs)	0.25
Unit Carton Dimensions (H x W x D) in	2.75 x 3.375 x 3.375 in

**Operating Specifications**

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

**Environmental Specifications**

Temperature (operation)	-40°C..70°C
Usage Environments	Outdoor

**Standards and Certifications**

UL Certification	cULus
Other Certifications and Compatibilities	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



SK4500KMX  
Shorting Plug for Locking Type Receptacles