

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
- ▶ 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
- ▶ 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	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
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
Photocell Type	Silicon Diode
Photo Control Switch Type	Relay
Fail Mode	ON
Activation On	1.5 fc
Activation Off	2.25 fc

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
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

Environmental Specifications

Temperature (operation) -40°C..70°C

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