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 (in)	2.375
Product Height (mm)	60.3
Product Diameter (in)	3.365
Product Diameter (mm)	85.5

Material Specifications

Color	Black
Housing Material	Polycarbonate with Acrylic Window

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

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 °F to 158 °F / (-40 °C to 70 °C)
Usage Environments	Outdoor

Standards and Certifications	
UL Certification	cULus
Other Certifications and Compatibilities	ANSI C136.10; Green Energy +; LED
California Proposition 65	None
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