

## Photocontrol - Low-Cost Locking Type Thermal Photocontrol, 120-277 V

Item LC2100



### PRODUCT DESCRIPTION

This model combines a silicon diode photosensing element with thermal switch to provide a multi-voltage, cost-effective photocontrol.

### FEATURES

- ▶ Mechanical bimetal switch with Silicon Diode photocell
- ▶ Thermoplastic housing with window
- ▶ Multi-voltage covers 120 to 277 VAC applications
- ▶ Complies with ANSI C136.10

### APPLICATIONS

- ▶ Outdoor Lighting Control

### TECHNICAL DATA

#### General

Model Number	LC2100
Description	Low-Cost Locking Type Thermal Photocontrol, 120-277 V
UPC Code	078275148826
Brand	Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	2-Year limited

#### Control Specifications

Sensor Time Delay	30 sec to 90 sec
Photocell Type	Silicon Diode
Photo Control Switch Type	Mechanical Bimetal
Fail Mode	ON
Activation On	1.5 fc
Activation Off	6 fc
Photocontrol Type	Thermal
Application Compatibilities	HID; Incandescent
Photocontrol Style	Locking type
Photocontrol Sensor Location	Side

#### Dimensions

Product Height (in)	2.22
Product Height (mm)	56.4
Product Diameter (in)	3
Product Diameter (mm)	76.2

#### Material Specifications

Color	Blue
Housing Material	Polycarbonate with Acrylic Window

**Load Ratings**

Magnetic Ballast (NO) Range(s)	1800 VA
Tungsten Incandescent Load Ratings NO Ranges	1000 W

**Electrical Specifications**

Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Surge Protection Technology	110 J MOV
Switch Type	SPST
Hz	50/60

**Packaging**

Shipping Weight (lbs)	0.25
Unit Carton Dimensions (H x W x D) in	2.638 x 3.228 x 3.228 in

**Operating Specifications**

Expected Lifetime (Years)	5
Expected Lifetime (Operations)	3650

**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
California Proposition 65	None
RoHS Certification	N/A

## 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



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



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