



DESCRIPTION

The photocontroller JL-203C is applicable to control the street lighting, garden lighting, passage lighting and doorway lighting automatically in accordance with the ambient natural lighting level.

This product is designed with electronic circuit assisted thermal switch, with sensor of IR filtered photodiode and a surge arrester (MOV) is available. Its multi-volts feature expands the application of thermal switch which is powerful to carry high wattage lamp loadings, regardless the loading in incandescent, ballasted or e-ballasted.

Besides, its time-delay feature might avoid mis-operation due to spotlight or lightning during the night time.

This product provides twist lock terminals meeting the requirements of ANSI C136.10-2010 and the Standard for Plug-In, Locking Type Photocontrols for Use with Area Lighting UL773.

FEATURES

1. ANSI C136.10-2010 Twist Lock
2. Thermal Switch – All Loading Capable
3. Time Delay Featured
4. Multi-Volts Operation
5. IR Filtered Photodiode Sensor
6. Fail-On Mode
7. IP65 Version Available

SPECIFICATION

Model	JL-203C
Cover	High impact polypropylene, transparent with UV stability window, meet ANSI color coding
Base	PBT "Valox 420SE0"
Pin	Brass
Gasket	Santoprene 251-80W232
Rated Voltage	120-277VAC
Applicable Voltage Range	105-305VAC
Rated Frequency	50/60Hz
Rated Loading	1000W Tungsten, 1800VA Ballast
Sensor	Photo transistor(RoHS)
Power Consumption	1.0VA
Turn-On Level / Time-Delay	10Lx / 15~120s
Turn-Off Level / Time-Delay	60Lx / 2~15s
Ambient Temp.	-40°C ~ +70°C
Related Humidity	99%
Service Life	5000 times
Overall Size	84(Dia.) x 66mm
Weight Approx.	83g (IP54) / 88g (IP65)
Warranty	2-year limited



DESCRIPTION

These photocontrols install on light fixtures with ANSI C 136.10 NEMA receptacle commonly found on street light fixtures. Twist Lock design facilitates fast installation and replacement of photocontrol.

FEATURES

1. Mechanical bi-metal switch with Cadmium Sulfide photocell
2. Integral high impact thermoplastic housing
3. Twist lock plug for quick installation and changeover
4. Delay feature prevents unwanted OFF switching
5. Complies with ANSI C136.10 standard
6. Tested to 3,650 ON/OFF cycles

SPECIFICATION

Ratings	
Model	LC4535
Tungsten	7200W
Ballast	4000VA
Operating Voltage	480VAC
Inductive Ballast	8.3A
Incandescent	15A
Activation	5 fc ON, 15 fc OFF
Operating Temperature	-40°F to 158°F (-40°C to 70°C)
Dimensions H x Dia	2 3/4" x 3" (69.9mm x 76.2mm)
Warranty	2-year limited