



SPECIFICATION FOR APPROVAL

Supplier Name : Shenzhen Zhongyuan Technology Co., Ltd.

Supplier Part Number : ZYS-02L

Supplier Material Code : 101-301026502

Supplier Warranty : Five Years Warranty

Packaging Method : 138PCS/CTN

Special Requirements : _____

Please send back a letter of acknowledgement to our company after sign and stamp.

Customer sign and stamp		Supplier sign and stamp	
Fiction		Admit	
Inspect		Inspect	
Approval		Approval	



Overview

ZYS-02L Photocontrol is a lighting switch control device comply with UL773 and ANSIC136.41 standard, twist-locked installed in street lamp, courtyard lamp and other lighting lamps for automatic switch control. This type of photo control can detect the ambient brightness to control the switch function of lamps. Wide voltage input, widely used in power grid standards around the world. In addition, it has different switching brightness threshold and delay characteristics, which can avoid the influence caused by lightning.

Agency Approvals

Agency	Standard	Agency File Number
	UL 773	E523208

Parameters

Part Number	ZYS-02L
Rated voltage	100-277V, 50/60Hz
Turn-On Light Levels	The minimum illuminance value to turn on the light is 10Lux The maximum illuminance value to turn off the lights is 50Lux
Rated load	1200W @ 277Vac
ON/OFF Ratio	1:1.5~4
Time Delay	3-15 Seconds
Fail Mode	On or Off
Rated Current	10A
Power Consumption	< 1W
Electrical Life	>10000 ON/OFF Operations at Rated Load
Housing Material	UC/PV Resistant
Color	Blue
Dimension	Φ79mm*55mm
Operating Temperature	-20℃~60℃
Relative Humidity	5%~95%

Features

- ◆ Comply with UL773 & ANSI C136.41-2013
- ◆ Fireproof and UV resistant, suitable for various outdoor lamps
- ◆ Convenient / reliable / durable twist-lock connection
- ◆ Different switch brightness thresholds, delay trigger, reliable and stable
- ◆ Built-in lightning protection devices to effectively protect against surge interference

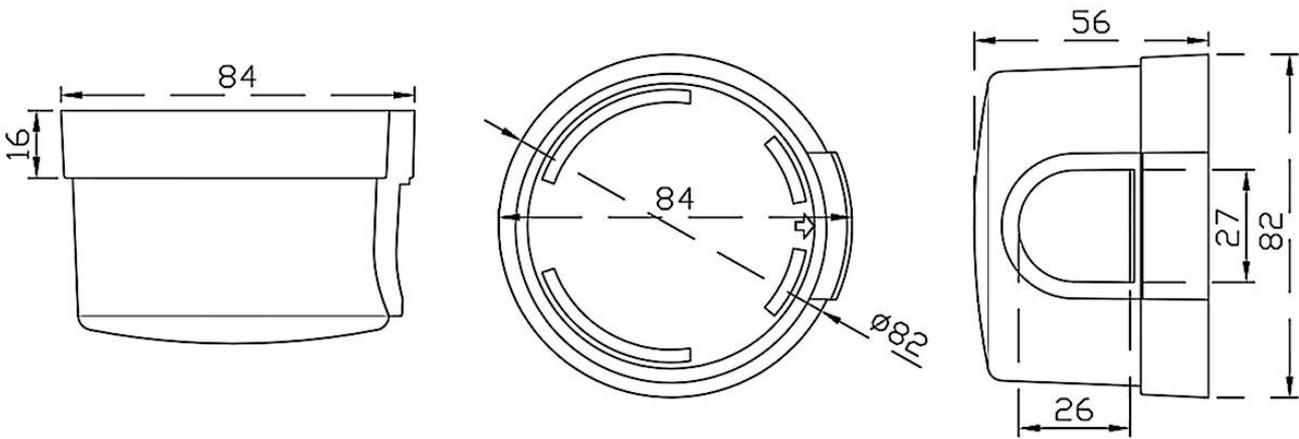
Application

- ◆ Outdoor Lighting
- ◆ Area Lighting
- ◆ Street Lighting
- ◆ Landscape Lighting
- ◆ Parking Lot Lighting
- ◆ Roadway Lighting
- ◆ Billboard Lighting
- ◆ Sign Lighting

Notes

The Photocontrol has anti-jamming design, and the pin of zero line is larger than that of phase line input and phase line output. During installation, after the power pin is correctly aligned with the socket hole, push down until the bottom of the photo control fits on the surface of the socket, slightly press the gasket, and then turn the photo control clockwise to lock it in place. Please reverse the process of disassemble process.

Dimension



Diagram

