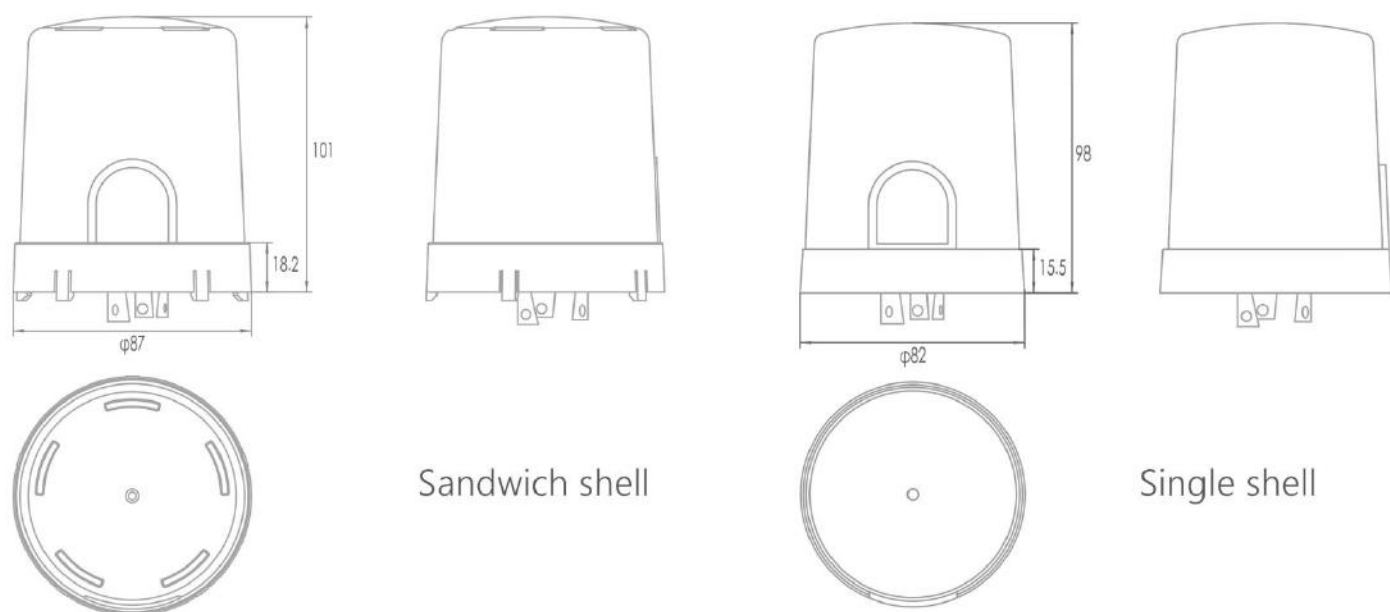# JL-246CR

Smart IoT Dimming Photocontrol

With RS485 Gateway / Collector

Product Summary

JL-246CR photocontrol can apply to independent control application or system control application, such as roads, exhibitions, schools, shopping malls, supermarkets, factories, parks and so on.

This product consists a ZigBee communication module as well as a RS485 communication module to allow its ZigBee group remoted with a smart IoT management system.

Sandwich shell   Single shell

Features

- ANSI C136.41 Twist-lock
- 0~10V Dimming
- Surge protection level: 6KV/3KA differential mode
- Sandwich cover for Long Life
- Multi-Volts Application
- IP67 Ready
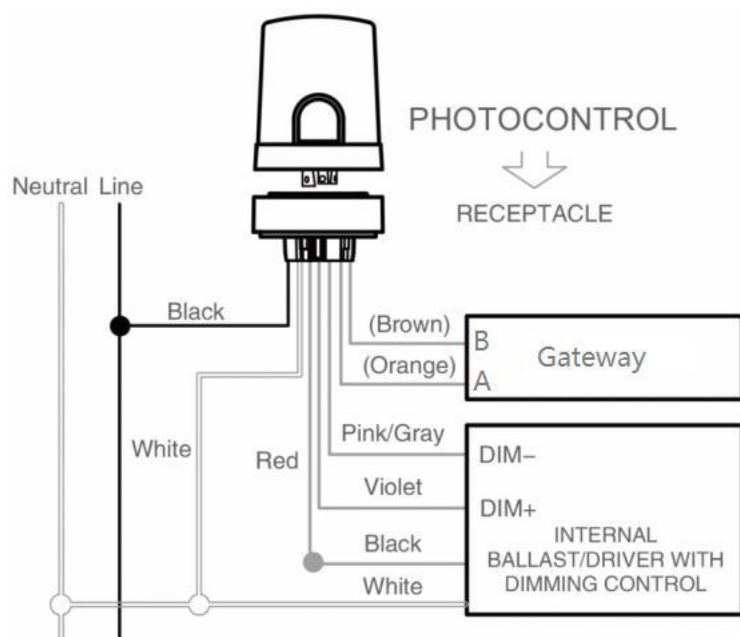- IR-fiRS485red Phototransistor

Specifications

Model No.	JL-246CR
Rated Voltage	120~277VAC
Applicable Voltage Range	105~305VAC
Rated Frequency	50/60Hz
Dimming Output	0~10VDC
Wireless Communication（up）	RS485
Wireless Communicatio（down）	Zigbee
Spectral Acquisition Range	350~1100nm；Peak wavelength 590nm
Rated Loading	1000W Tungsten；1000VA Ballast；8A@120V　5A@208-277 e-Ballast
Operate Levels	Turn-On < 100Lx，Turn-Off > 150Lx　/ per client request
Power Consumption	1.2W static，3.4W dynamic
Operating Temperature	-40°C~70°C
Operating Humidity	96%
Failure mode	Fail-On

Shell material	PC+PC
High protection	Double Shell
Surge protection level	6KV/3KA differential mode
IP level	IP65/IP67
Factory Settings	Remote control+Adaptive mode
FCC	●
Certifications	UL LISTED CE RoHS
Criterion	IEC61000-4-5;IEC61000-4-2;IEC61000-4-3; IEC61000-4-6;GB/T 17743-2017;IEC61000-4-4; IEC61000-4-11;IEC61000-3-2;GB/T2423.10-2008; UL94-V0;

Installation

The interface of the product itself has been mistake-proof designed, just tighten the photocontrol directly to the rotatable/fixed base, as shown in Figure clockwise after insertion.

- Hot-swappable
- Users can input the photocontrol ID information to the smart lighting management system through WEB interface or by scanning QR code with its specific WeChat "UM9900 Smart Light Pole" public account.

Initial Testing

- It is normal for the photocontrol to take several seconds to turn off when first installed.
- To test "turn on" during daytime, cover its eye with black tape or other opaque material.
- Do not cover with finger because light traveling through fingers may be great enough to keep the switch open.
- Test will take approximately 2 minutes.

JL-246CR 06 F -IP67

1	2	3
JL-246CR	06	F	IP67

1: RS485

2: 06 = 6KV lightning protection;

3: Enclosure color

    F = Blue;   H = Black;   K = Gray