

WxS885A-C35421

LoRaWAN NEMA 5/7 Street Light Controller

Product Highlights

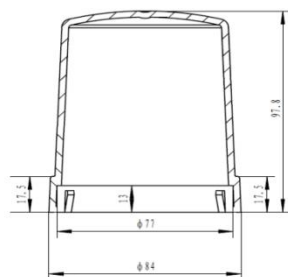
- ❖ Monitoring current, voltage, Power, electricity, frequency;
- ❖ One way switch and 0~10V / PWM dimming signal output function;
- ❖ Over-current protection, lamps condition detection and default lighting functions;
- ❖ Real-time clock, super capacity as back-up power;
- ❖ Support Time control scheme, Location control scheme (astronomical clock, according to latitude and longitude)
- ❖ Suitable for switch and dimming controls of various types of lamps, such as LED lamp, high voltage sodium lamp, metal halide lamp, etc.;
- ❖ Overload protection design for ensuring security;
- ❖ Embedded photo sensor, automatic on & off control as per preset illuminance;
- ❖ Band: CN470 / IN865 / EU868 / US915 / AU915 / AS923 / KR920;
- ❖ Industrial temperature: -40 °C ~ +85 °C;
- ❖ Easy and simple installation, can respond to the instructions sent by the center in seconds.



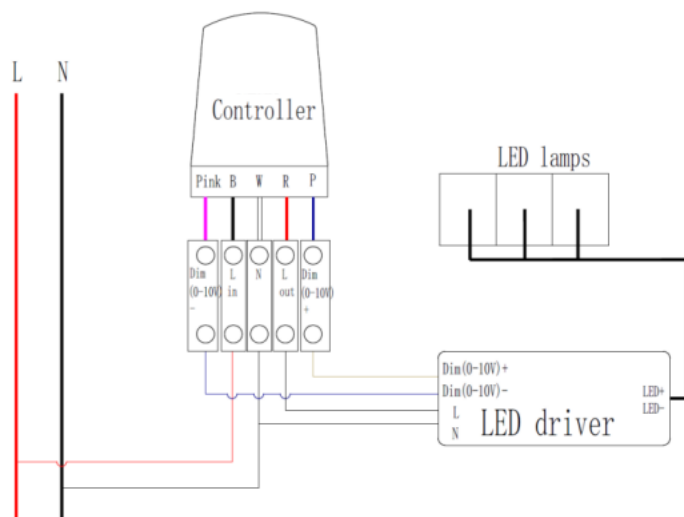
Specifications

Sensors	
Dimming Type	0-10V/PWM(Optional)
Product output	Single-phase AC
Data Collection	Current, voltage, Power, electricity, frequency, temperature detection, dimming, lamps condition detection, ON/OFF control, Location.
Photo sensor Type	Built-in
ISM Band	CN470 / IN865 / EU868 / US915 / AU915 / AS923 / KR920
Sensitivity	-136dBm ± 1dBm (@SF=12)
Antenna Gain	3DB
Antenna VSWR	≤ 2.0
Antenna	Built-in
Mechanics	
Size	Φ 84mm*97.8mm
Working tempiture	-40℃~85℃
IP level	IP66
Power	
Supply Voltage	AC110-277V
Rated Output Current	4A

Product Appearance



Wiring Method



Black: live line input

White: neutral line

Red: live line output

Pink: dimming- (negative)

Purple: dimming+ (positive)

Installation Requirements

Cautions: the following situations should be **AVOIDED** during the storage and installation of controllers.

- ❖ Soaked in rain; Breakage and fall out of antenna;
- ❖ Collision between antenna and lamp pole or lamp housing;
- ❖ Positive pole and negative pole are connected contrarily;
- ❖ Loose installation; Scratch and damage of wiring insulation