

Module Function:

CEDLS is a daylight sensor with built-in zigbee wireless module which apply to the automatic constant illumination of light control field. This controller can be used with lighting control system in order to achieve full automatic light control.

Product Image:

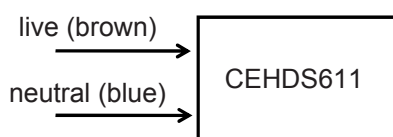


Input Definition:

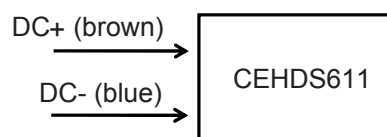
The following describes the definition of controller's interface.

| No. | CEDLS-AC | | CEDLS-DC | |
|-----|----------|----------------------------------|----------|-------------------------|
| 1 | AC_L | input AC 100-277V live (brown) | DC+ | DC 12V positive (brown) |
| 2 | AC_N | input AC 100-277V neutral (blue) | DC- | DC 12V negative (blue) |

1. The following is the wiring diagram of hardware system:

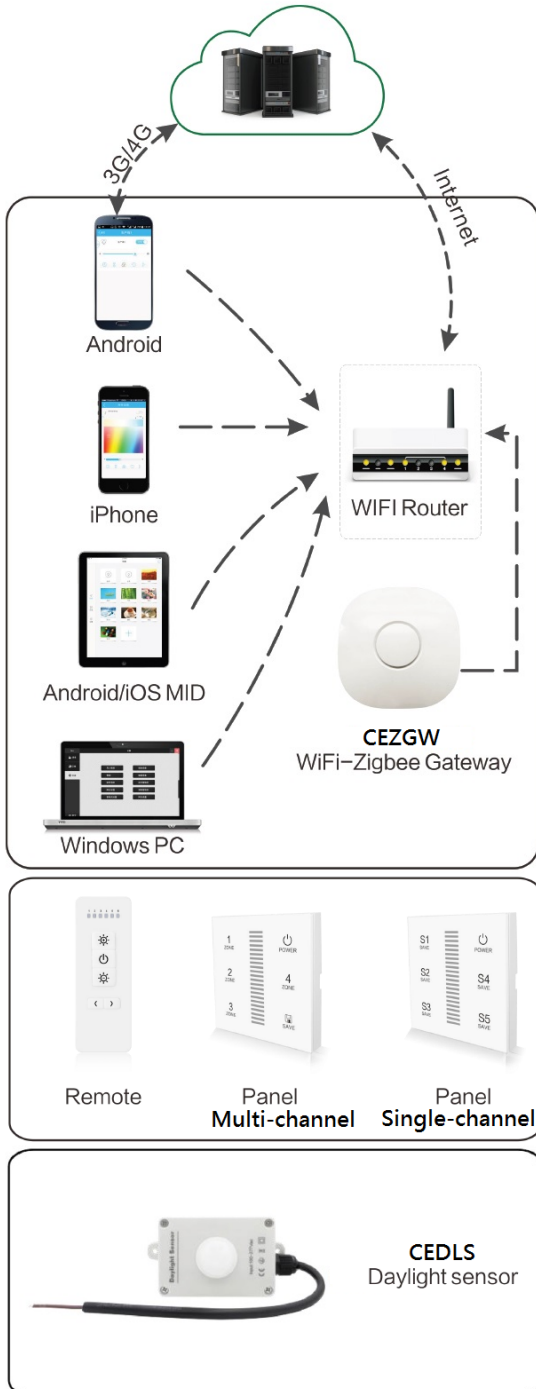


AC Connection Method



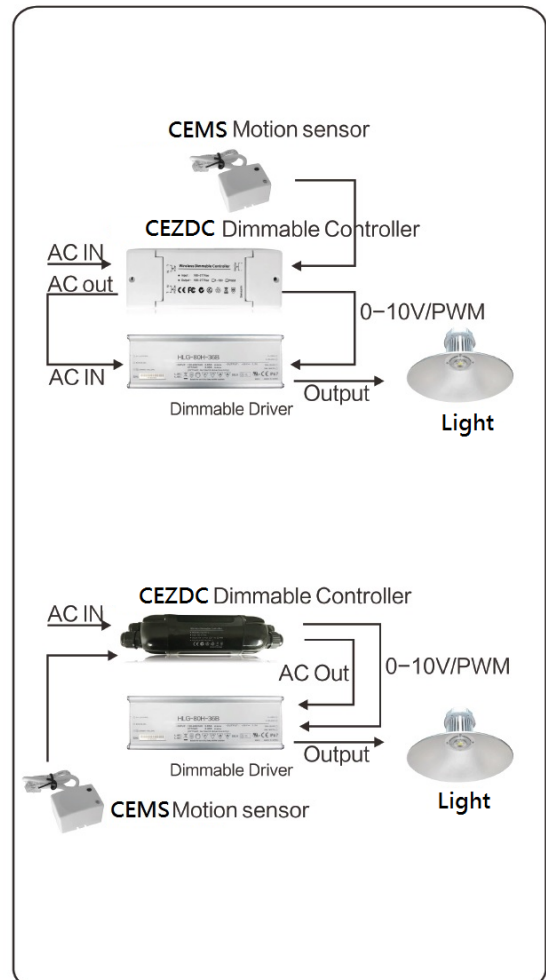
DC Connection Method

2. System block diagram:



Control

(((2.4G)))



Lights

Installation Location:

The daylight sensor needs to be installed at the location which can detect the lamp and ambient light at the same time.

Environment and Electrical Parameters:

The following describes the parameters of environmental and electrical performance of this product.

| Parameters | CEDLS-AC | CEDLS-DC |
|---------------------------------|---------------|---------------|
| Input voltage | AC 100-277V | DC 12V |
| Wireless transmission frequency | 2.4GHz | 2.4GHz |
| Working temperature | -40°C to 85°C | -40°C to 85°C |
| Illumination detection range | 0-65528 lux | 0-65528 lux |
| Detection accuracy | 10 lux | 10 lux |
| IP rating | IP65 | IP65 |
| OTA online upgrade function | support | support |

Dimension:

109mm x 60mm x 50mm

Weight:

110g