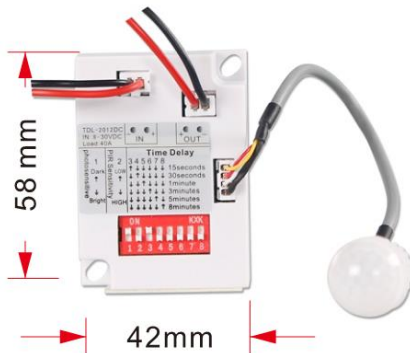


## TDL-2012-DC

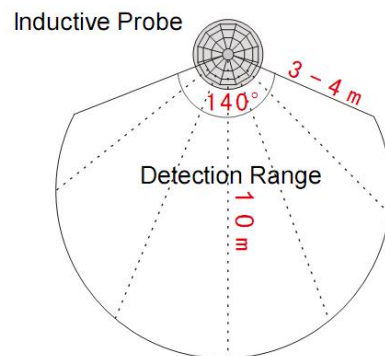
### Specification

|                      |   |
|----------------------|---|
| Model No.            | TDL-2012-DC   |
| Function description | voltage output, output voltage=input voltage  |
| Operating voltage    | 8VDC-100VDC   |
| Operating temp.      | -20 °C ~ +50 °C   |
| Static power         | < 0.016W  |
| Load power           | 200W  |
| Load capacity        | LED light(constant voltage, constant voltage light )  |
| Connecting style     | DC -DC  |
| Output mode          | induction output  |
| Delay shutdown time  | 5~480 Secs ± 30% (adjustable)   |
| Induction mode       | passive   |
| Induction angle      | 140°coning angle  |
| Detecting distance   | 7~10 M  |
| Installing method    | Probe thread installation( 12mm hole )<br>(specially for Aisle Lights, wall lamp, Balcony lamp<br>glass lamp) |
| Dimension/color      | 58mm*42mm*13.5mm /white   |

### Product Photo

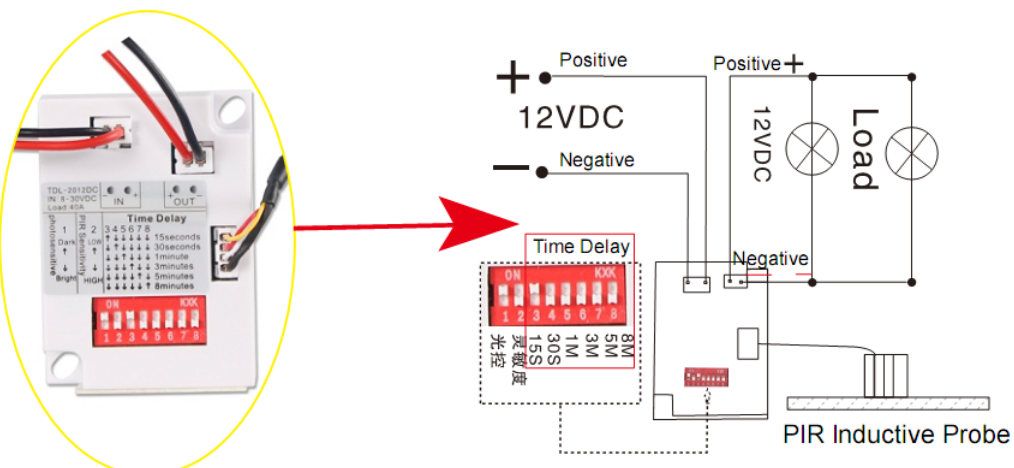


Detection Range Drawing:

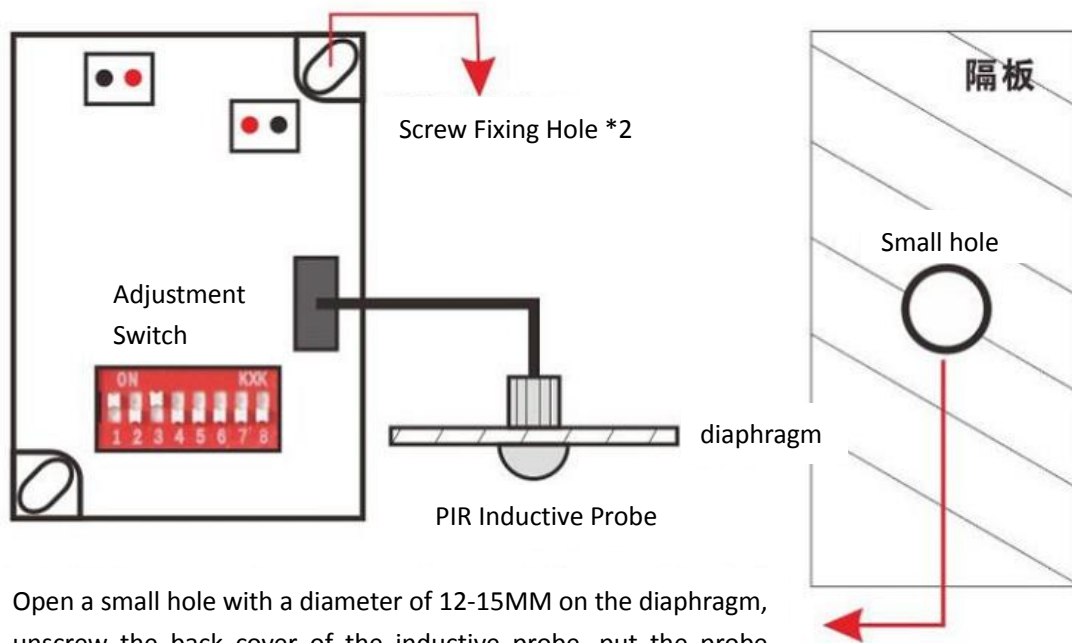


### Schematic Wiring

#### Schematic wiring



## Installation



Open a small hole with a diameter of 12-15MM on the diaphragm, unscrew the back cover of the inductive probe, put the probe through the hole, and then install the back cover to fix it

## Range of application & Functions and Features

1. Automatic induction: when people enter into the range of induction, it will turn on, when people leave, it will turn off with delay.
2. It can be applied to corridor ,passageway, toilet, basement, warehouse, garage, etc., which have the function of automatic lighting, and control.
3. Photosensitive control: it adopting photoactive control, it doesn't turn on during daylight or in strong light environment.
4. Automatic random delay: After it turns on, in the delay period ,if there is presence of people, it keeps on working until people leave, then turn on with delay.
5. Status indicator: efficient LED indicator, which is easy for installation and fault analysis.
6. Temperature compensation: specialized temperature compensation chip, which used to reducing the effect of temp. on detecting distance.