

## General

HTW-U39B is a ceiling-mounted passive infrared detector with high stability. It based on infrared automatic control technology, when people enter the induces scope, the special-purpose sensor surveys the mutative infrared spectrum of human body, then the switch automatically connect upload equipment, until detecting people not in the induction scope and automatically shut-off timely.

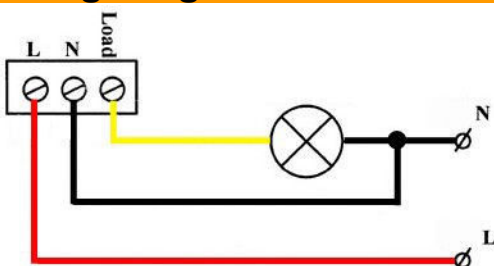
## Features

- **Bipolarity design:** Similar with ordinary wall switch (three connections), load capacity upto1000W.
- **Completely automatic induction:** The switch automatically connect upload equipment, until detecting people not in the induction scope and automatically shut-off timely.
- **High-performanced switch relay:** Connection load strength, load capacity upto1000W, switches upto 100,000 times.
- **Delay time adjustable:**16 - 350S
- **Low power consumption:**Switch own power loss<0.016W/h (year consumes electricity< 0.14 kwh).
- **Anti-radar function:** Lightning protection components built inside.

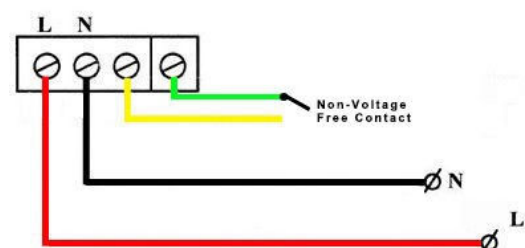
## Electrical Parameter

|                            |                           |                               |   |
|----------------------------|---------------------------|-------------------------------|---|
| <b>Induction way</b>       | Passive                   | <b>Working voltage</b>        | AC110V or AC240V(50Hz/60Hz) Or 24Vac or Others Optional |
| <b>Induction principle</b> | Human body Infrared       | <b>Self power consumption</b> | <0.016W/h   |
| <b>Induction distance</b>  | 7 meters                  | <b>Loading capacity</b>       | Inductive 500W<br>Resistance 1000W                      |
| <b>Induction angle</b>     | 140 degrees coning angles | <b>Loading Equipment</b>      | Various   |
| <b>Lux range</b>           | 5LUX-500LUX (adjustable)  | <b>Ambient temperature</b>    | -20 °C —+50 °C  |

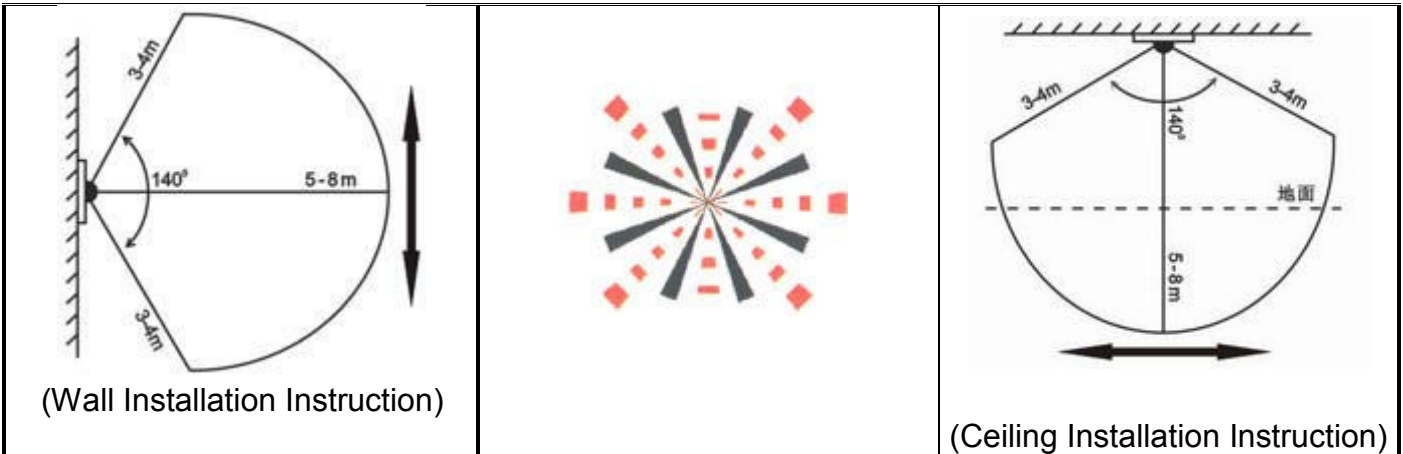
## Wiring Diagram



1/2



## Installation



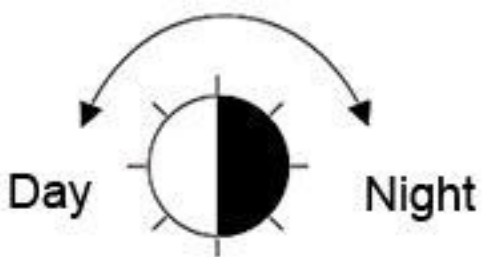
## Pictures



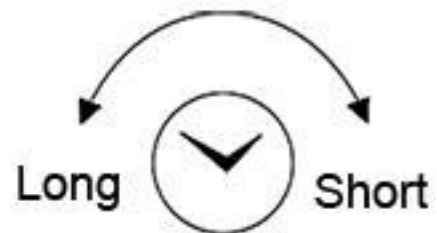
## Locator Adjust

Locator-105:16-350s, Default setting-short-16s; Other Delay Time Could Be Customized

Locator-204: 5LUX-500LUX, Default setting-short-5LUX



204-Lux adjust



105-Delay time adjust