



## DESCRIPTION

The HSE - S7L - 5 series is a integrates PIR and ultrasonic technologies, delivering high accuracy and wide - ranging coverage.

## FEATURES

- Input Voltage : 120-347VAC
- Ultrasonic frequency :40kHz
- Specially Designed for Ceiling or Recessed Mounted
- Application: Strip, Wrap, Panel, Troffer



## SPECIFICATIONS

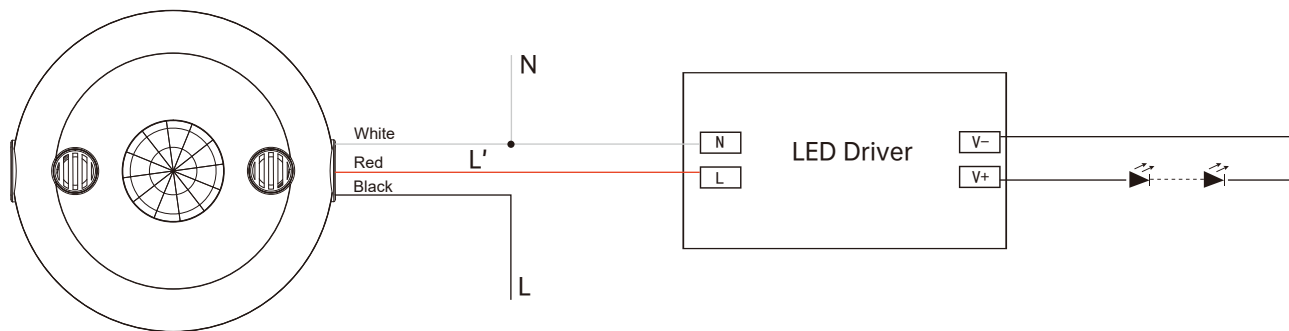
|                           |                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input Voltage             | 120 / 230(single phase) / 277 / 347 VAC, 50 / 60 Hz                                                                                                                                 |
| Switching capacity        | 120V: 3A/400W Control Gear; 800W Ballast or Incandescent<br>230V: 3A/800W Control Gear; 1200W Ballast or Incandescent<br>347V: 1.2A/400W Control Gear; 800W Ballast or Incandescent |
| Stand-by Power            | <1.0W(230V)                                                                                                                                                                         |
| Control Method            | ON/OFF                                                                                                                                                                              |
| Warm-up Period            | 50±2s                                                                                                                                                                               |
| Detection Angle           | Fresnel Lens <120°                                                                                                                                                                  |
| Mounting Height           | <4M/13ft                                                                                                                                                                            |
| Detection Range           | Radius: 3-7m 9.84-22.97ft                                                                                                                                                           |
| Control Device            | Dial code setting                                                                                                                                                                   |
| Ultrasound Detection Area | H / L                                                                                                                                                                               |
| PIR Detection Area        | H / L                                                                                                                                                                               |
| Holdtime                  | 5s/30s/1min/5min/10min/20min/30min                                                                                                                                                  |
| Standby Dimming Level     | Disable/50Lux/10Lux/2Lux                                                                                                                                                            |
| Working Temp              | -20°C~+60°C                                                                                                                                                                         |
| IP Rating                 | IP20                                                                                                                                                                                |

## ORDERING INFORMATION

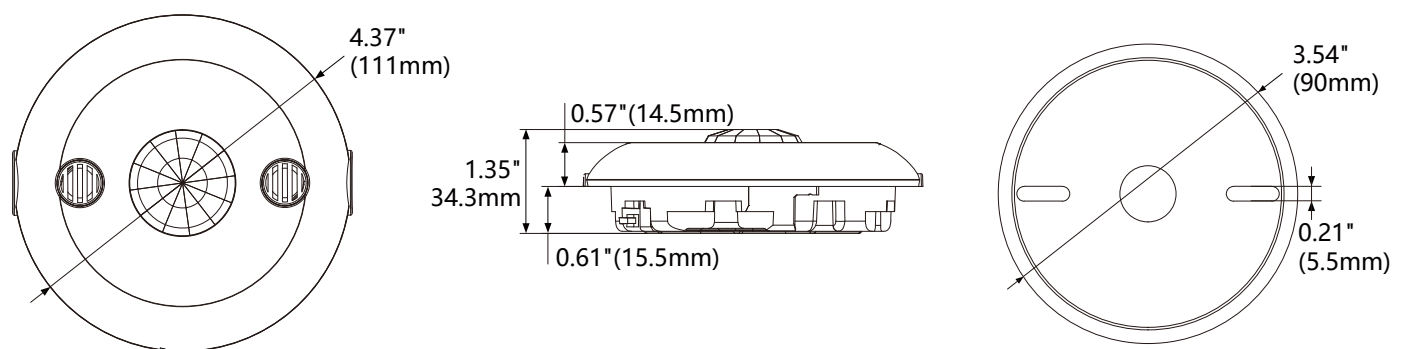
Example: HSE-SP7L-5A

| Brand | Product type | Sensor type     | Series of products | Installation type | Wiring method         | Wiring method                           |
|-------|--------------|-----------------|--------------------|-------------------|-----------------------|-----------------------------------------|
| HSE   | S Sensor     | P PIR/US sensor | 7 Series Code      | L low - level     | 5 Terminal connection | A Ceiling Mounted<br>B Recessed Mounted |

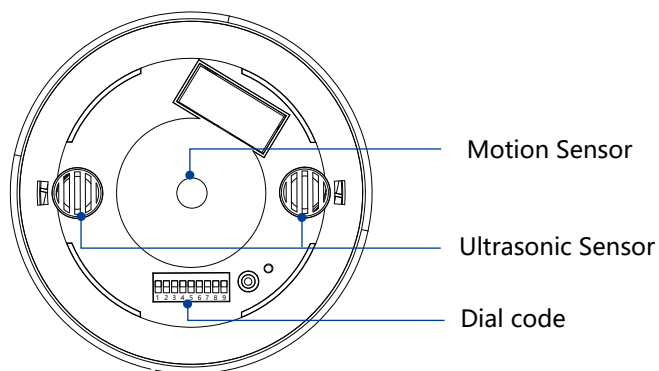
## WIRING



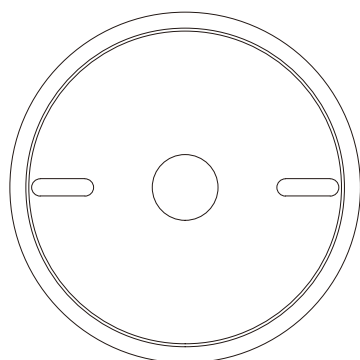
## DIMENSIONS



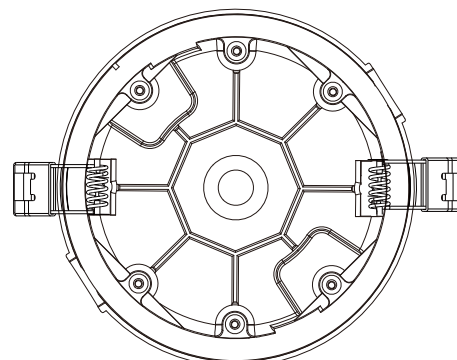
## MECHANICAL STRUCTURE



## TWO INSTALLATION METHODS

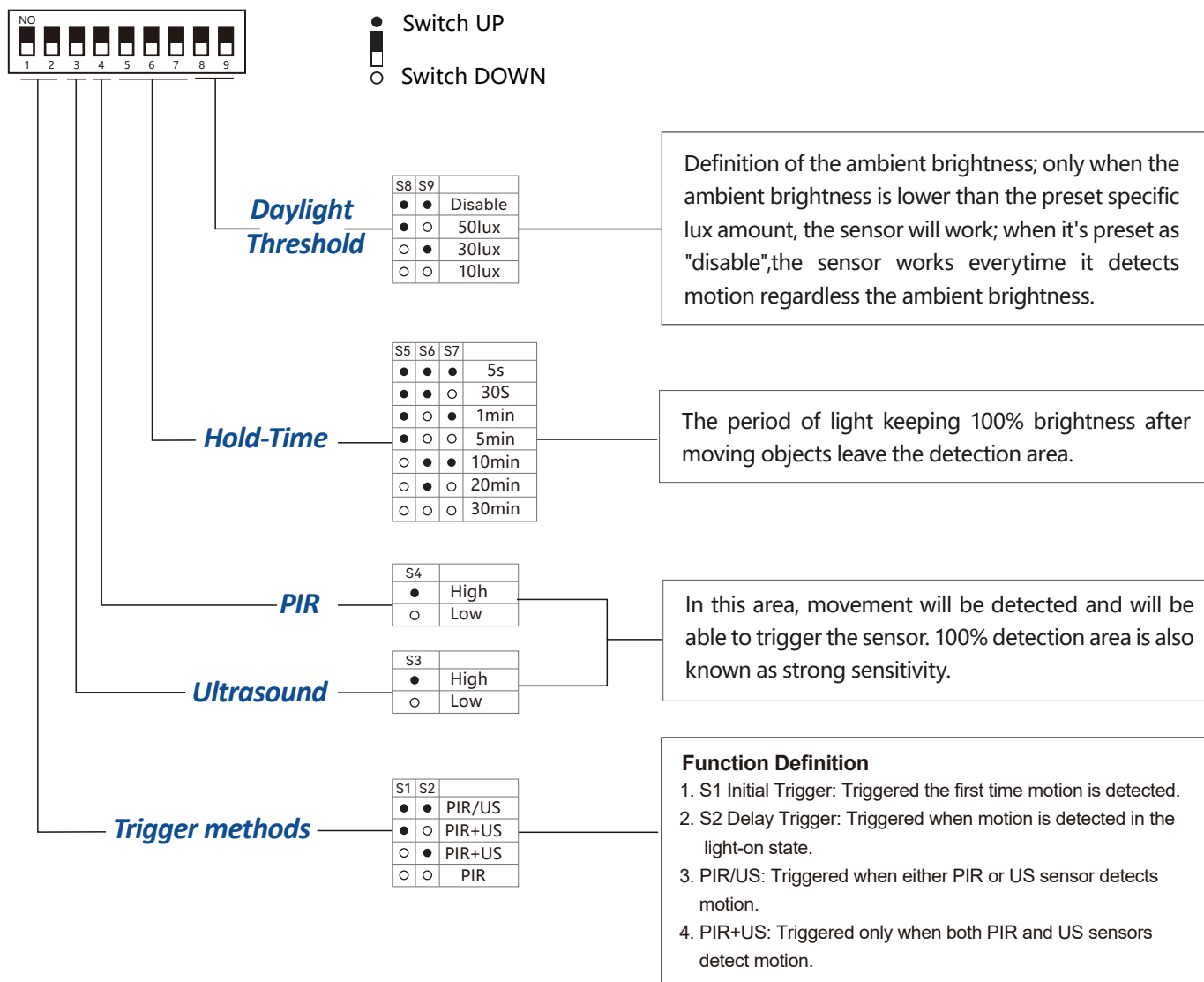


Ceiling Mounted

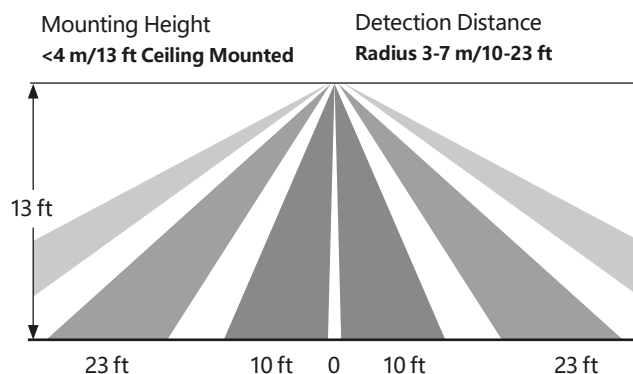
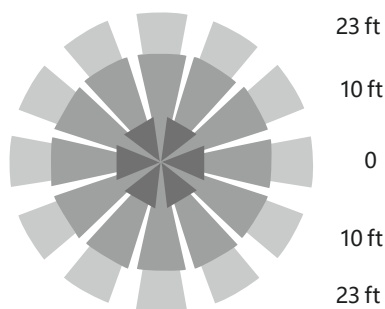


Recessed Mounted

## DIAL CODE SETTING

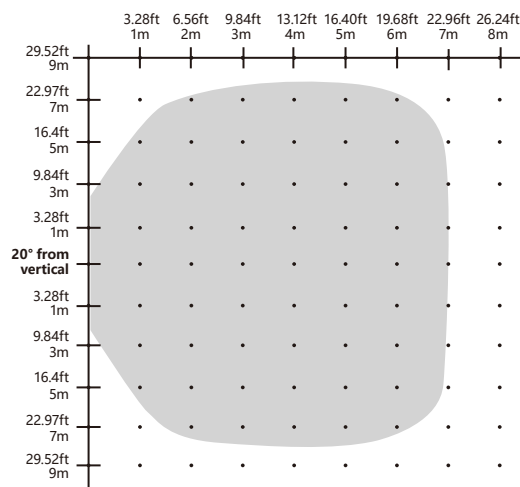
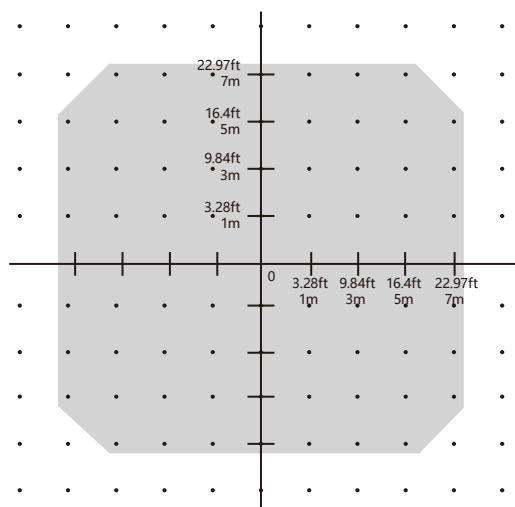


## DETECTION COVERAGE (PIR)



## DETECTION COVERAGE (ULTRASOUND)

### *Detection Area for 4M/13ft Ceiling Mounted*



\*Diagram based on ideal mounting conditions (no obstruction to sensor) and a 20° angle between sensor's line of sight and ground

## APP DOWNLOAD

