

# Motion sensor

## Passive infrared detector long range



|               |                    |       |
|---------------|--------------------|-------|
| Model number: | <b>IR-A12WS-LC</b> | Short |
| Model number: | <b>IR-A12WL-LC</b> | Long  |
| Connects to:  | digital input      |       |
| Mounting:     | Any                |       |
| IP rating     | IP65               |       |

## Applications

- Motion detector
- Intrusion detector
- Corridors lighting control
- Parking lighting control
- Outdoor lighting control

## Features

- Robust design

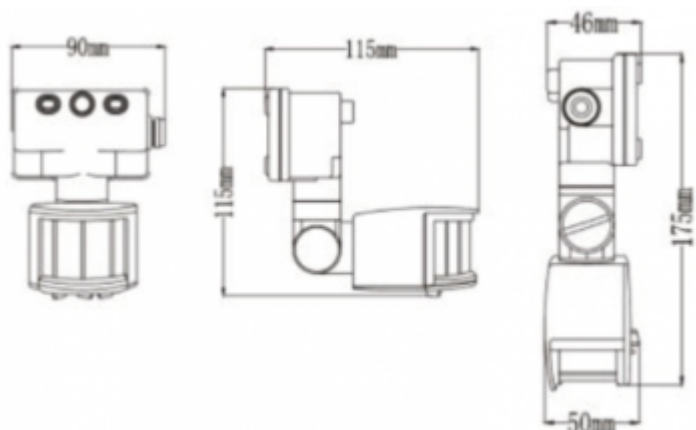
## Colours



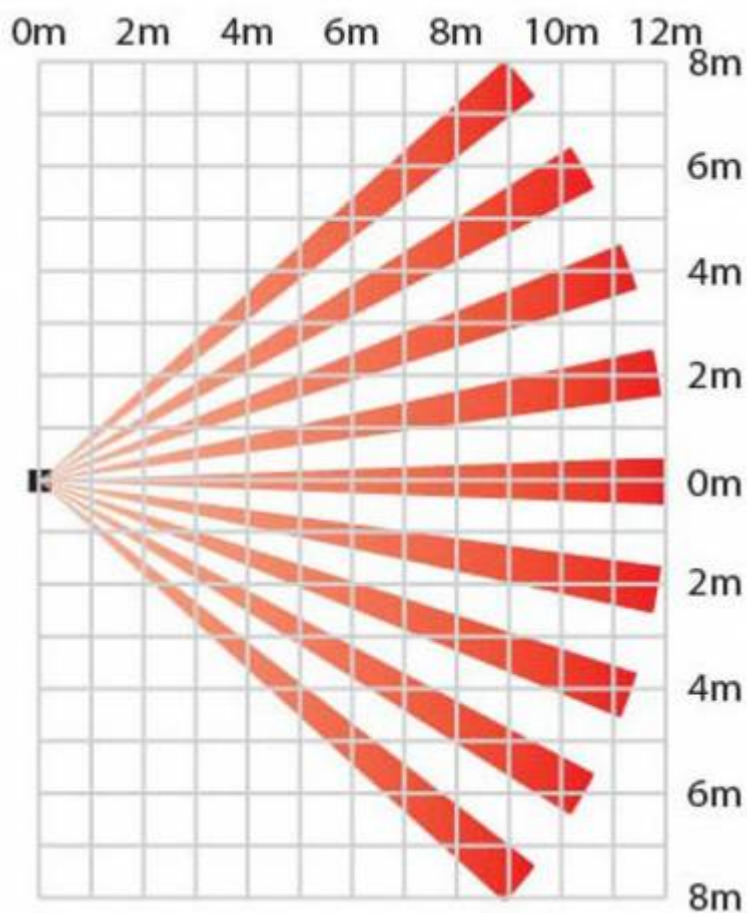
## Installation instruction

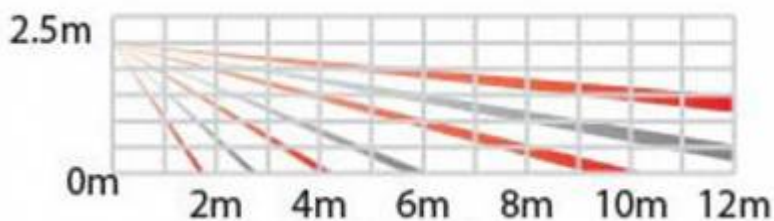
- Do not install the detector at position which faces direct or reflected sunlight or near windows with direct car headlight.
- Ensure that there are no obstructions (plants, screens, furniture etc.) in the field of view that may cause incorrect cover/operation of the detector.
- Avoid locating the detector in areas that contain equipment that may change the environment temperature rapidly (i.e. above radiator or under the air-conditioner)
- Install the detector at proper height on a rigid surface. Do not install the detector on vibrating surface.
- PIR detector is more sensitive to the motions “across” the detection zones than “toward” or “away”.

# Dimensions



# Detection pattern and range





## Technical specifications

|                   |              |
|-------------------|--------------|
| Power supply      | 24 VDC       |
| Power consumption | 0.1 - 1 W    |
| Temperature       | -20°C ~ 40°C |

## Terminals

|                   |   |                |
|-------------------|---|----------------|
| Power supply      | + | Power supply   |
|                   | - |                |
| HIQ digital input | S | Digital output |

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