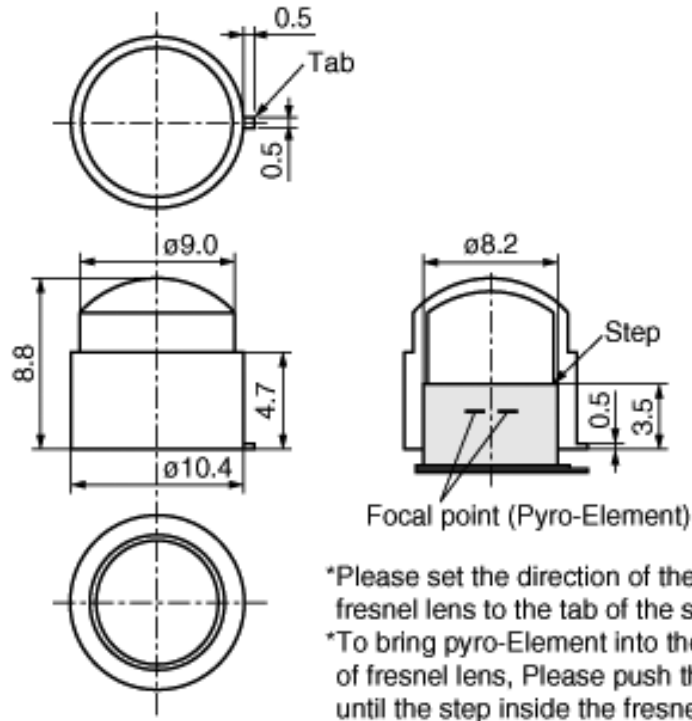


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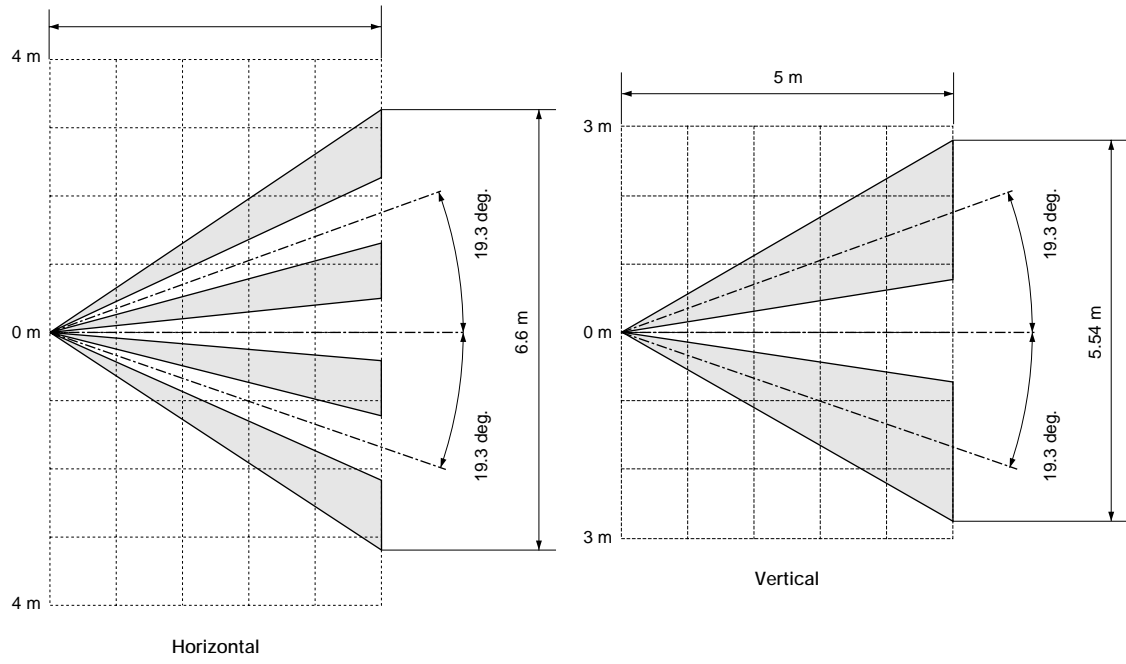
(in mm)

General tolerance : ± 0.2

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*Assembled with Murata sensor IRA-700 series

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Fresnel lens is for our pyroelectric infrared sensors.
Fresnel lens is used to decide the detection distance and the detection area (angle) of a sensor.

Applications

1. Security
2. Lighting appliances
3. Household appliances and other applications

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Notice in design

- 1) Please set the direction of the tab of fresnel lens to the tab of the sensor.
- 2) To bring pyro-Element into the focus of fresnel lens, Please push the sensor until the step inside the fresnel lens.
- 3) Please add any mechanism for preventing dislocation or for preventing coming off from the sensor.
- 4) Please avoid using the fresnel lens in the following conditions because it may cause failure or malfunction ;
 - a) in such a fluid as water, alcohol etc. corrosive gas (SO₂,Cl₂,NO_X etc.) or sea breeze.
 - b) in high humidity.
 - c) in a place exposed directly to sun light or headlight of automobile.
 - d) in a place exposed directly to blow from air-conditioner or heater.
 - e) in such a place where infrared ray is shaded.
 - f) in any other place similar to the above (a) through (e).

Notice in handling and storage

- 1) Optical filter of sensor should not be scratched or soiled.
- 2) Strong shock should be avoided.
- 3) High temperature, high humidity, fluid as water or alcohol etc., corrosive gas (SO₂,Cl₂,NO_X etc.) and sea breeze should be avoided.