Robotina d.o.o.
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

1. IR-R-IW-WH

Recessed ceiling PIR sensor, relay output



Model number:	**IR-R-IW-WH**
Old order code:	IR-C6-B
Connects to:	digital input
Mounting:	In ceiling

1.1. Applications

- Motion detector
- Ready light
- Intrusion detector
- Lighting control
- Hotel GRMS

1.2. Features

- Small visible surface
- Aestetical look
- Easy mount

- Water resistant (front side)

1.3. General description

A passive infrared detector with sleek and compact housing.

1.4. 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”.

1.5. Detection pattern

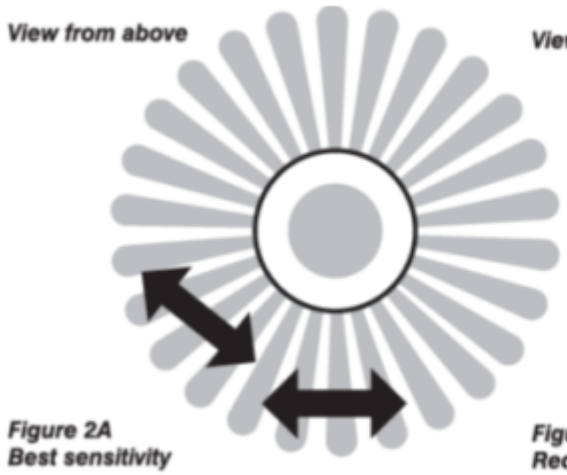


Figure 2A
Best sensitivity

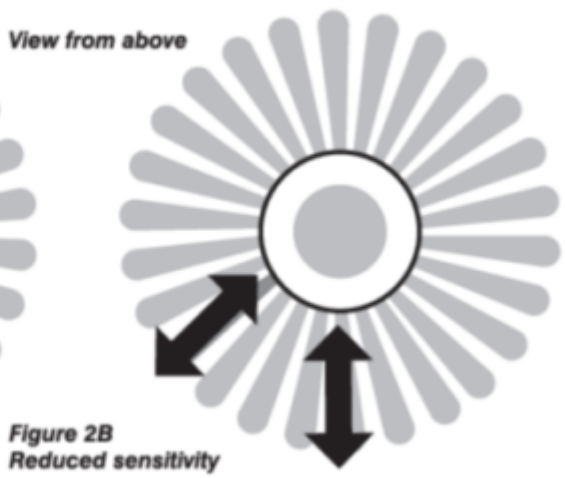
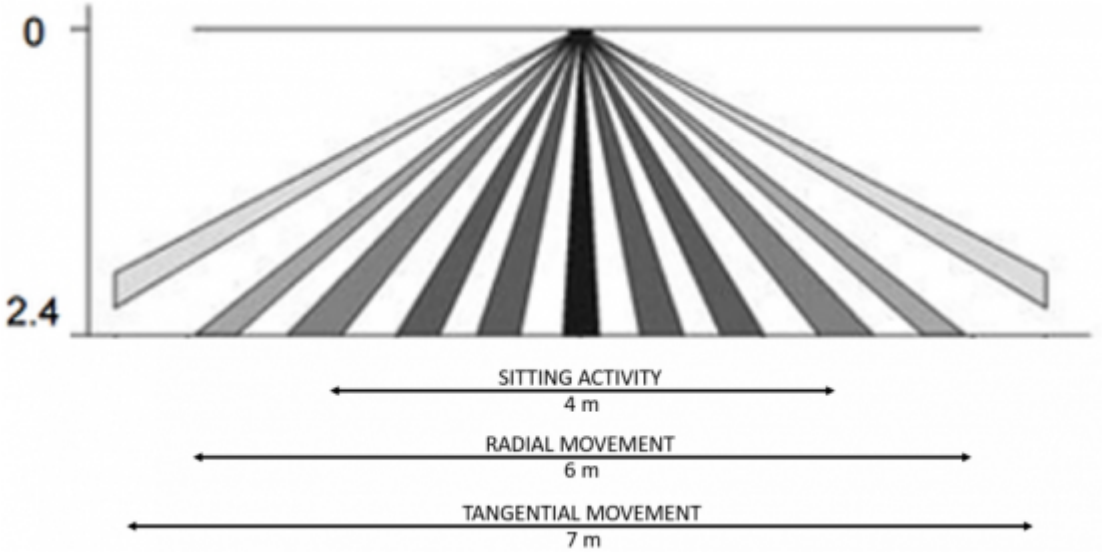


Figure 2B
Reduced sensitivity

1.6. Range



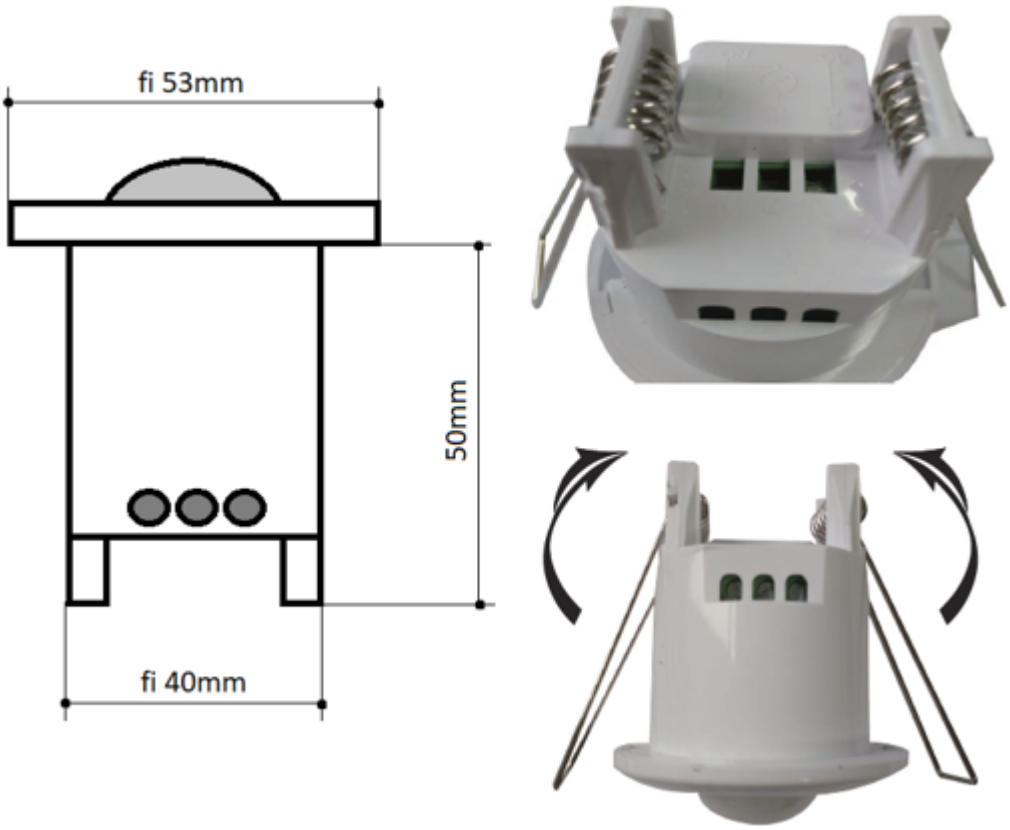
1.7. Technical specifications

Power supply	24 VDC
Power consumption	0.1 W (static mode), 0.45W (triggered mode)
Temperature	-20°C ~ 40°C
IP rating	IP54 (front side), IP20 (back side)

1.8. Terminals

Power supply	**+**	Red
	-	Black
HIQ common	**C**	Yellow
HIQ digital input	**NO**	White

1.9. Dimensions



1.10. Settings

Turn the light level and time control to the desired position so that the settings match your preferences

