

QPIR-REC-IP65

INFRARED MOTION SENSOR FOR LED PANELS

QVIS®

LIGHTING & SECURITY

SPECIFICATIONS

Power Source	220-240V/AC
Power Frequency	50/60 Hz
Minimum Time Delay	10sec ± 3sec
Maximum Time Delay	15min ± 2min
Rated Load	600W to 1200W
Installation Height	2 - 2.4m
Detection Range	360°
Detection Distance	8m Max (<24°C)
Ambient Light	<3-2000LUX (adjustable)
Working Temperature	-20~+40°C
Working Humidity	<93%RH
Power Consumption	Approximately 0.5W
Detection Moving Speed	0.6-1.5m/s



FUNCTIONS

- Identifies day & night. Working states can be adjusted to suit different ambient light settings. The sensor can work in the daytime and at night when it is adjusted to the 'sun' position [maximum]. The sensor can work in ambient light lower than 3LUX when it is adjusted to the '3' position [minimum]

INSTALLATION ADVICE

- Avoid pointing the detector towards objects with highly reflective surfaces - mirrors etc.
- Avoid mounting the detector near heat sources, such as ventilation, air conditioning units etc.
- Avoid pointing the detector towards objects that may move in the wind and cause obstruction: curtains, tall plants etc.



CONNECTION INSTRUCTIONS

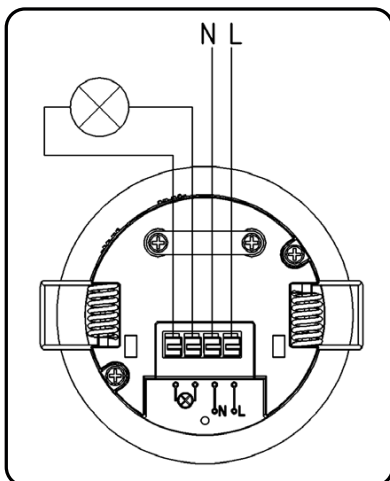
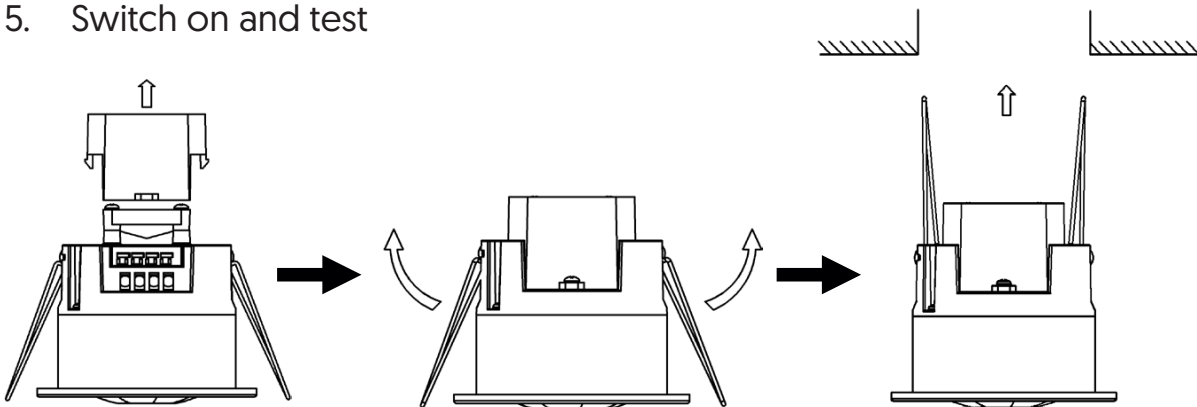
WARNING

IT IS IMPORTANT THAT YOU HANDLE THIS PRODUCT WITH CARE AND CLOSELY FOLLOW THE BELOW INSTRUCTIONS



- **MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN**
- **DISCONNECT POWER SOURCE**
- **COVER OR SHIELD ANY ADJACENT LIVE COMPONENTS**
- **ENSURE DEVICE CANNOT BE SWITCHED ON**
- **CHECK POWER SUPPLY IS DISCONNECTED**

1. Temporarily remove the transparent vinyl cover which is at the bottom of the sensor
2. Loosen the screws in the connection terminal, and then connect the power to connection terminal of the sensor according to the below connection-wire diagram.
3. Place the vinyl cover back onto its original location
4. Fold the metal springs of the sensor upwards, until they are in an "I" position with the sensor, and then place the sensor into the hole in the ceiling or installation box. Release the spring so that the sensor is set in this installation position
5. Switch on and test

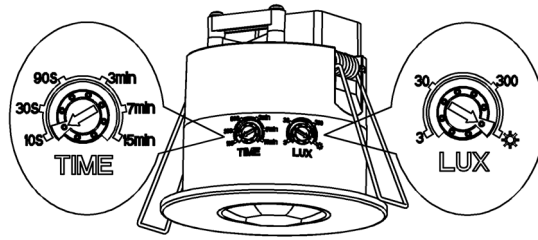


CONNECTION DIAGRAM (AS PER STEP 2)

TESTING INSTRUCTIONS

1. Turn the TIME knob anti-clockwise on the minimum setting (10s). Turn the LUX knob clockwise on the maximum setting (sun).
2. Switch on the power; the sensor and its connected lamp will have no signal at the beginning. After warming-up for 30sec, the sensor should start working. If the sensor receives the induction signal, the lamp will turn on. While there is no longer an induction signal, the load should stop working within $10\text{sec} \pm 3\text{sec}$ and the lamp should turn off.
3. Turn the LUX knob anti-clockwise on the minimum setting (3). If the ambient light is more than 3LUX, the sensor will not be functional and the lamp will not respond. If the ambient light is less than 3LUX (darkness), the sensor should work. Under the condition of no induction signals, the sensor should stop $10\text{sec} \pm 3\text{sec}$.

NOTE: WHEN TESTING IN DAYLIGHT, THE 'LUX' SETTING SHOULD BE SET TO [SUN] IN ORDER FOR THE PIR TO WORK PROPERLY



PROBLEMS & SOLUTIONS

PROBLEM: The load does not work

1. Please check that the power source is connected properly
2. Please check that the load is sufficient
3. Please check that the settings of the working light correspond to ambient light

PROBLEM: The sensitivity is poor

1. Please check that there is no obstruction that could affect signals
2. Please check if the ambient temperature is too high
3. Please check that the installation height corresponds to the heights specified in these instructions
4. Please check the induction signal source is in the detection field
5. Please check that the moving orientation is correct

PROBLEM: The sensor does not shut off the load automatically:

1. Please check that there is continuous signal in the detection field
2. Please check the time delay is set to the maximum position
3. Please check if the power input corresponds to these instructions