



## SUMMARY

The FMS-12075 Motion sensor is a Ceiling mounted sensor, and utilises infrared technology to detect and identify motion, night and day. Both a white and a black cover are included in your package.

Upon detection, the connected lighting load will illuminate for a user determined period of time.

## SPECIFICATIONS

Power Source:	220V - 240VAC
Power Frequency:	50HZ
Ambient Height:	3 - 2000 LUX (adjustable)
Time delay:	Min 10 seconds Max 15 mins.
Rated Load:	800W (Incandescent) 400W (Fluoro) 300W (LED)
Min LED Load:	1W
Detection distance:	6m
Detection range:	360°
Installation height:	2.2m - 4.0m
Manual Override:	Yes
Weatherproof Rating:	IP20
Warranty:	3 year

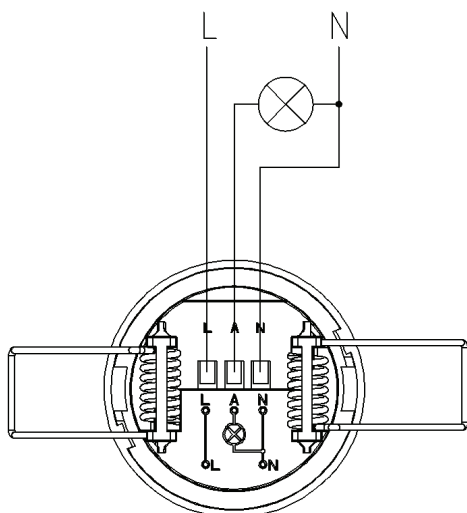
## INSTALLATION

**Note: All electrical connections relating to this installation must be carried out by a suitably qualified and registered electrician.**

As with all PIR motion sensors, the FMS-12075 must be positioned away from any sources of heat (such as extractor fans, dryers, any air conditioning or heating registers, etc.) Reflective surfaces such as mirrors may also cause false activation.

1. Isolate the power
2. Select a suitable location, based on the above.
3. Twist and remove the cover trim, to access the controls
4. The sensor requires a 42mm hole in the ceiling
5. Open the transparent connection cover, and connect wiring as per diagram, confirming all connections are safe and tight
6. Replace the cover
7. Fold the metal springs of the sensor upward and carefully insert the sensor into the ceiling cut out. The springs will snap shut, holding the sensor in position.

## CONNECTION DIAGRAM



## ADJUSTMENT AND TEST

1. Turn the LUX knob clockwise to the maximum, and the TIME knob anti-clockwise to the minimum (10s), as below.



2. Switch on the power.
3. The sensor WILL NOT WORK for 30 seconds while it calibrates
4. Carry out a test, by walking through the detection field
5. After confirming operation, set the lux and time settings to the desired levels

## MANUAL OVERRIDE

To activate manual override, turn the switch OFF-ON twice, within 3 seconds. The sensor will remain on for up to 8 hours, if not manually changed back to sensor mode.

To deactivate manual override, turn the switch OFF-ON once within 1 second. The sensor will return to normal sensing mode.

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