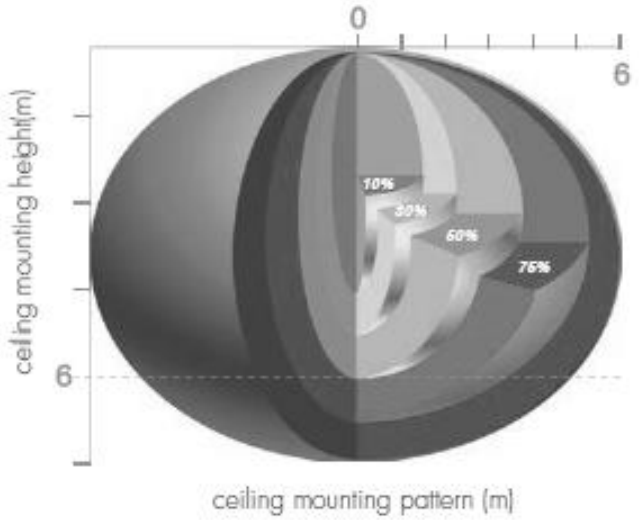
## GENERAL INFORMATION

**1)** A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
**2)** This unit must be EARTHED.
**3)** Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
**4)** Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
**5)** Fluorescent lamps should be run in for an initial 100 hours prior to any dimming or emergency testing takes place.

## DETECTION PROFILE




**TECHNICAL SUPPORT**
Tel: 0161 331 5700
e-mail: technical@whitecroftlight.com
www.whitecroftlighting.com

# *Q5 MICROWAVE SENSOR*

Model: HC005S

HC005S March 2016 - Rev C

**Whitecroft Lighting Limited**
Burlington Street, Ashton-under-Lyne, Lancashire OL7 0AX
Telephone +44 (0)870 5 087 087 Facsimile: +44 (0)870 5 084 210

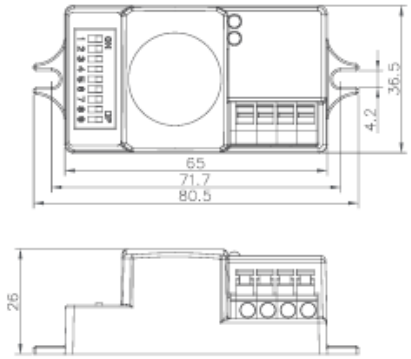
Registered No. 3848973 England Registered Office: As above

## SPECIFICATION

| | |
|---|---|
| Rated Load | 400W Max Capacitive |
| Finish | White |
| Materials | Plastic |
| Supply | 220-240V AC, 50Hz |
| Power | <0.5W (Standby)<br><0.2mW (Microwave) |
| Operating temp | 25°C |
| Ingress protection | IP 20 |

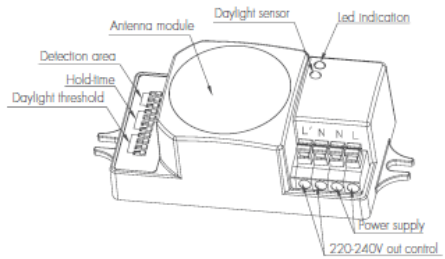
## DIMENSIONS & FIXING HOLE CENTRES

Model: HC005S



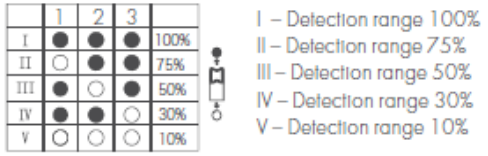

## FUNCTION

The sensor is a motion switch. It turns the light ON after detection of moving objects and turns the light OFF after a pre-selected hold-time when there is no motion detected.

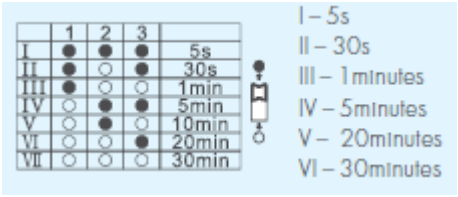



## SETTINGS

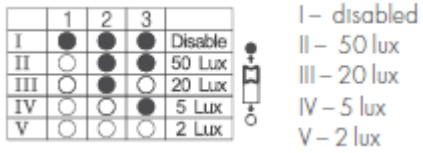
**DETECTION RANGE – Default setting IV - 30%**
Detection area (sensitivity) can be reduced by selecting the combination on the dip switches to fit the specific application.




**HOLD TIME – Default setting V - 20 minutes**
Determines the time the lamp stays on at 100% after the last motion has been detected.




**DAYLIGHT SENSOR – NOT USED – Default setting I - disabled**
Daylight threshold can be set using the DIP switches to fit site application.




## INSTALLATION OF LUMINAIRE

**Note: Important to consider**

- The sensor can detect movements though thin walls and glass; detection range (sensitivity) should be adjusted in accordance with site conditions.
- Luminaire must be fixed to a solid surface to avoid false-triggering caused by vibration.
- Large metal surfaces can cause unwanted detection.
- Ventilation shafts and airflow can cause unwanted detection.
- Luminaires with sensors shall not be placed within each other's detection range.