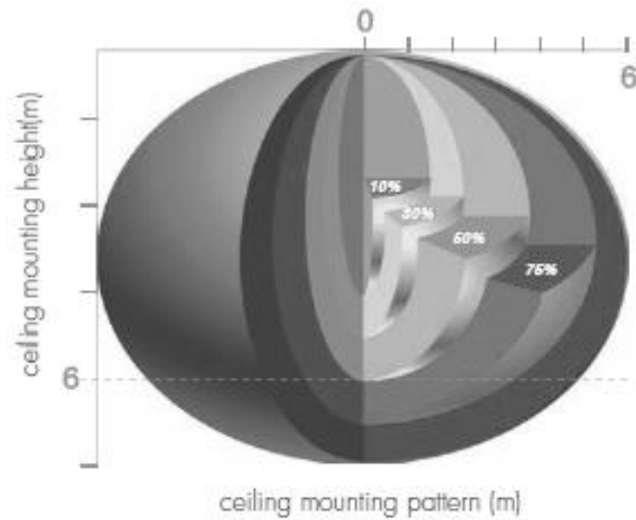


GENERAL INFORMATION

- 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: HC009S-KD

HC009S-KD 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

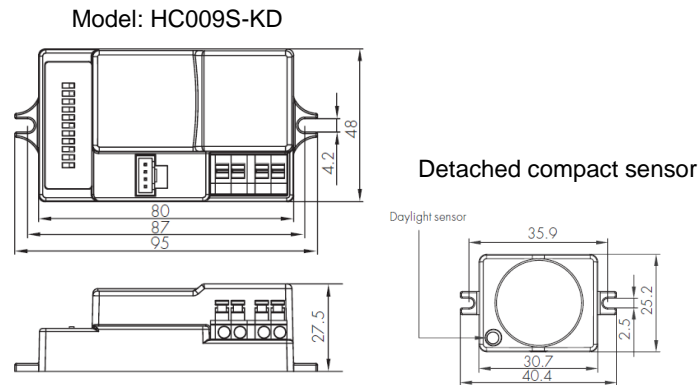
Registered No. 3848973 England

Registered Office: As above

SPECIFICATION

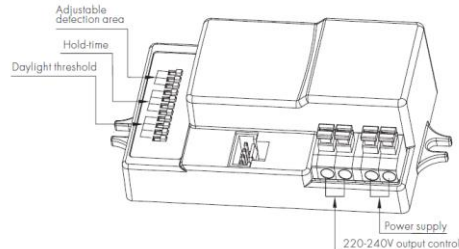
Rated Load	800W Max Capacitive
Finish	White
Materials	Plastic
Supply	220-240V AC, 50Hz
Power	<0.5W (Standby) <0.2mW (Microwave)
Operating temp	25°C
Ingress protection	IP 20

DIMENSIONS & FIXING HOLE CENTRES



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 I – 100%

Detection area (sensitivity) can be reduced by selecting the combination on the dip switches to fit the specific application.

	1	2	3	
I	●	●	●	100%
II	●	○	●	75%
III	○	○	●	50%
IV	○	●	○	25%
V	●	○	○	10%

I – 100%
 II – 75%
 III – 50%
 IV – 25%
 V – 10%

HOLD TIME – Default setting II – 20 minutes

Determines the time the lamp stays on at 100% after the last motion has been detected.

	1	2	3	4	
I	●	●	●	●	30min
II	○	○	○	●	20min
III	○	○	●	○	6min
IV	○	●	○	○	90s
V	●	○	○	○	30s
VI	○	○	○	○	10s

I – 30 min
 II – 20 min
 III – 6 min
 IV – 90s
 V – 30s
 VI – 10s

DAYLIGHT SENSOR – NOT USED – Default setting I - Disabled

Daylight threshold can be set using the DIP switches to fit site application.

	1	2	3	4	
I	●	●	●	●	Disabled
II	○	○	●	○	50 lux
III	○	●	○	○	30 lux
IV	●	○	○	○	10 lux
V	○	○	○	○	5 lux

I – Disabled
 II – 50 lux
 III – 30 lux
 IV – 10 lux
 V – 5 lux

INSTALLATION OF LUMINAIRE

Note: Important to consider

- The sensor can detect movements through 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.