

# CDDMS

## Setup Instructions

### Detection Range:

This determines the effective range of the microwave sensor and is set by DIP switches at the sensor itself, refer to table.

Note that reducing the sensitivity will also narrow the detection range. The following settings are available:

- I - maximum range upto 11Mtr
- II - range upto 9Mtr
- III - range upto 8Mtr
- IV - range upto 7Mtr
- V - range upto 6Mtr

### Daylight Sensor:

This setting holds off the 100% light output should there be sufficient daylight and is set with DIP switches at the sensor itself, refer to table. The following settings are available:

- I - 2 Lux
- II - 5 Lux
- III - 20 Lux
- IV - 50 Lux
- V - Disabled

### Hold Time:

This determines the time the fitting remains at 100% level on motion detection and is set with DIP switches at the sensor itself, refer to table. The following settings are available:

- I - walk test 5 seconds
- II - 30 seconds
- III - 180 seconds
- IV - 300 seconds
- V - 15 minutes
- VI - 25 minutes

### Dimming Ballast (optional):

The Prestronic Ballast can be set to dim after the hold time has expired, the control for this function is a DIP switch on the ballast.

The following settings are available:

- I - 10%
- II - 25%
- III - 50%
- IV - 100% (Disabled)

New Lamps should be burned in for 100hours at 100%

	1	2	3	
I	○	○	○	100%
II	●	○	○	75%
III	○	●	○	50%
IV	○	○	●	30%
V	●	●	●	10%

	1	2	3	
I	○	○	○	2Lux
II	●	○	○	5Lux
III	○	●	○	20Lux
IV	●	○	●	50Lux
V	●	●	●	Disable

	1	2	3	
I	○	○	○	5s
II	●	○	○	30s
III	○	●	○	180s
IV	●	●	○	300s
V	○	○	●	15min
VI	●	●	●	25min

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

# CDDME

## Setup Instructions

### Operating Principal

The sensor is an active motion detector, it works on the same principal as radar, it emits a high frequency electromagnetic wave (5.8GHz) and receives its echo. The sensor detects changes in the echo from movement in its detection zone. A microprocessor then triggers the ON command.

Detection is possible through non-metallic doors, panels of glass or thin floors, ceilings and walls.

### Technical Specifications

PRODUCT TYPE:	Microwave Motion Sensor
OPERATING VOLTAGE:	230/240V 50/60Hz
HF SYSTEM:	5.8GHz CW radar
TRANSMISSION POWER:	<1mW
RATED LOAD:	1000W Incandescent 400W Fluorescent
DETECTION ANGLE:	30-150°
POWER CONSUMPTION:	<1W
REACH:	1-8m (radius) Adjustable
HOLD TIME:	5s - 25 minutes
MOUNTING:	Indoors, Ceiling/Wall Mount, Luminaire.
PHOTOCELL RANGE:	2-50 LUX

