

CDDME

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 10Mtr
- II - range upto 7Mtr
- III - range upto 5Mtr
- IV - range upto 3Mtr
- V - range upto 1.5Mtr

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 - 30 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	100%
II	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	75%
III	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	50%
IV	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	30%
V	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	10%

	1	2	3	
I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2Lux
II	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	5Lux
III	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	20Lux
IV	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	30Lux
V	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Disable

	1	2	3	
I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	5s
II	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	30s
III	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	180s
IV	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	300s
V	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	15min
VI	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	25min

	1	2	3	
I	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	10%
II	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	25%
III	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	50%
IV	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	100%

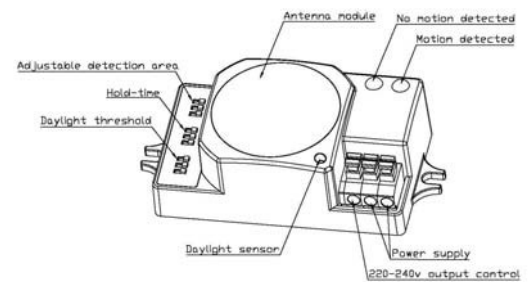
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Operating Principal

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:	800W Incandescent 400W Fluorescent
DETECTION ANGLE:	30-150°
POWER CONSUMPTION:	1W
REACH:	1.5-10m (radius) Adjustable
HOLD TIME:	10s - 25 minutes
MOUNTING:	Indoors, Ceiling/Wall Mount, Luminaire.
PHOTOCELL RANGE:	2-50 LUX

