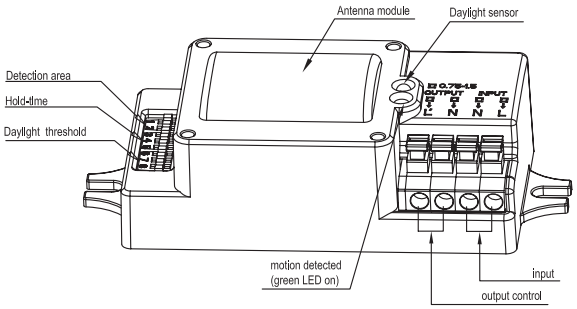
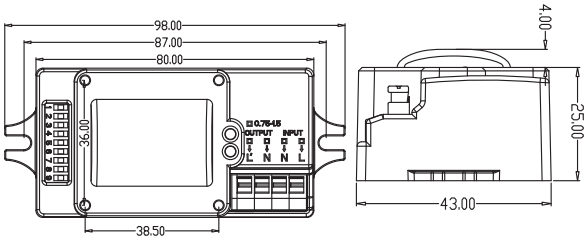
LARSON ELECTRONICS®

Microwave Motion Sensor





MOTION SENSOR

Operating voltage	120~277Vac
Rated load	120V@400W;220-240V@800W;277V@1000W
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(standby)
Detection zone	Max.(D x H): 16m x 15m
Detection sensitivity	25% / 50% / 75% / 100%
Hold time	5s / 30s / 90s / 3min / 20min / 30min
Daylight sensor	5Lux/15Lux/30Lux/50Lux/100Lux/Disable
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation) 360°(ceiling installation)
Operating temperature	-20℃~60℃
IP rating	IP20

Setting

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.

ON

	1	2	
I	ON	ON	100%
II	–	ON	75%
III	ON	–	50%
IV	–	–	25%

Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

ON

	3	4	5	
I	ON	ON	ON	5s
II	–	ON	ON	30s
III	ON	–	ON	90s
IV	–	–	ON	3min
V	ON	ON	–	20min
VI	–	–	–	30min

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

ON

	6	7	8	
I	ON	ON	ON	5lux
II	–	ON	ON	15lux
III	ON	–	ON	30lux
IV	–	–	ON	50lux
V	ON	ON	–	100lux
VI	–	–	–	Disable

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.
30lux, 50lux,100lux,:twilight operation, 5lux, 15lux: darkness operation only.

ON

	9	
I	ON	Disable
II	–	Sensor

Mode

When set to Disable, the microwave sensor function is inactive, lights turns on or off by switch.
When set to Sensor, the microwave sensor function is active.