

SPECIFICATION SHEET

SUBJECT

MICROWAVE MOTION SENSOR

CUSTOMER PROJECT

Project: _____
 Type: _____
 Cat. No.: _____
 Qty: _____
 Date: _____
 EEL Rep: _____



solutions closer to nature

Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

SPECIFICATION FEATURES

Functionality

- On/off and step dimming
- Motion and day light detection

Finish

- White

Compliance

- IP20
- cULus

Warranty

- 5 years

Compatibility

- PHB 2.0
- PHB-III (sensor mounting plate included)

Accessories

- Sensor Mounting Plate is included when installing with PHB-III



**SMR1032INT
MICROWAVE
MOTION SENSOR
601V**

ACCESSORIES

Microwave Motion Sensor

Voltage 120-277V AC

Detection Angle 360°

Max Mounting Height 49 ft (15m)

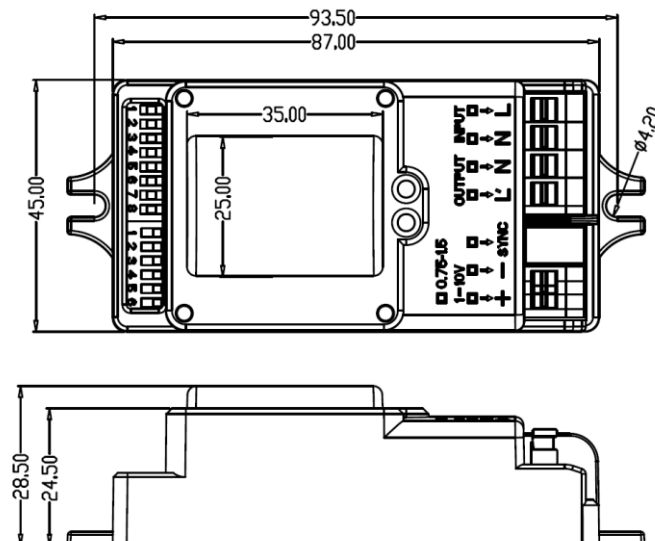
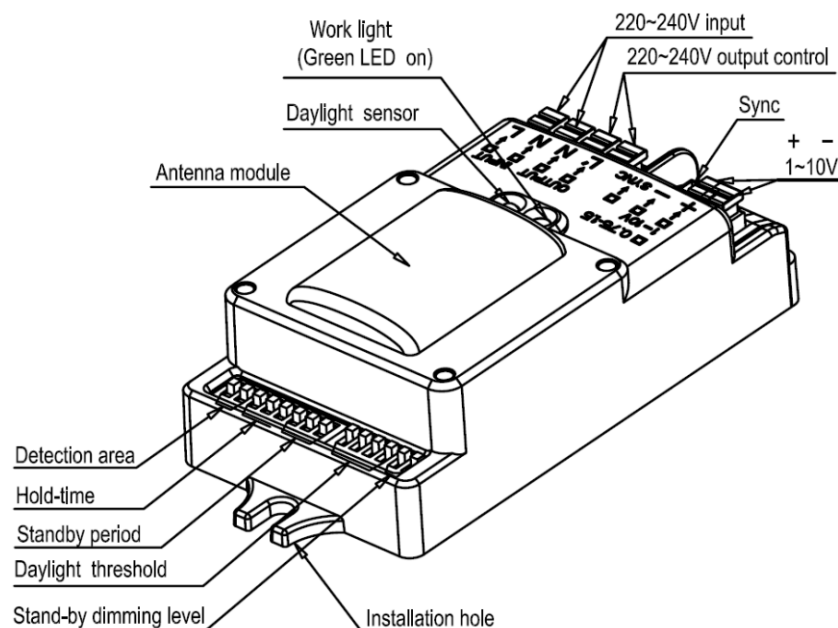
Max Detection Range 52 ft (16m) x 49 ft (15m)

Load Rated capacitive load:
400W @ 120V
800W @ 220-240V
1000W @ 277V

Adjustable Hold Time 5 sec to 30 mins

Operating Temperature -35°C to 70°C

Dimming 10%/20%/30%/50%



Dimension
mm | 93.5(L) x 45(W) x 28.5(D)
inch | 3.68(L) x 1.8(W) x 1.12(D)

Cannot be sold separately

Please allow for tolerance on specifications and dimensions.
If required, please consult EEL.



www.eelighting.ca

R200507-1100

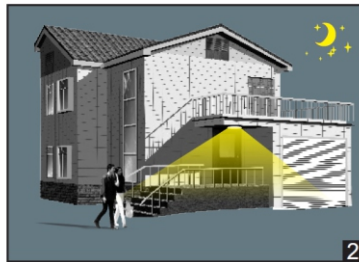
ORDERING CODE, ENERGY AND PERFORMANCE DATA

Model No.	Voltage (V)	Load	Certification
 SMR1032INT	120-277Vac	Rated Capacitive Load: 400W @ 120V 800W @ 220-240V 1000W @ 277V	

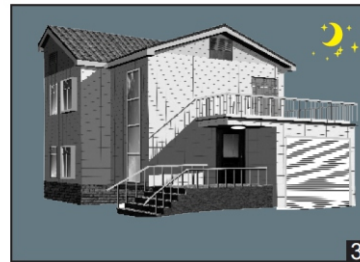
1 ON/OFF function



With sufficient light, the lamp doesn't switch on.

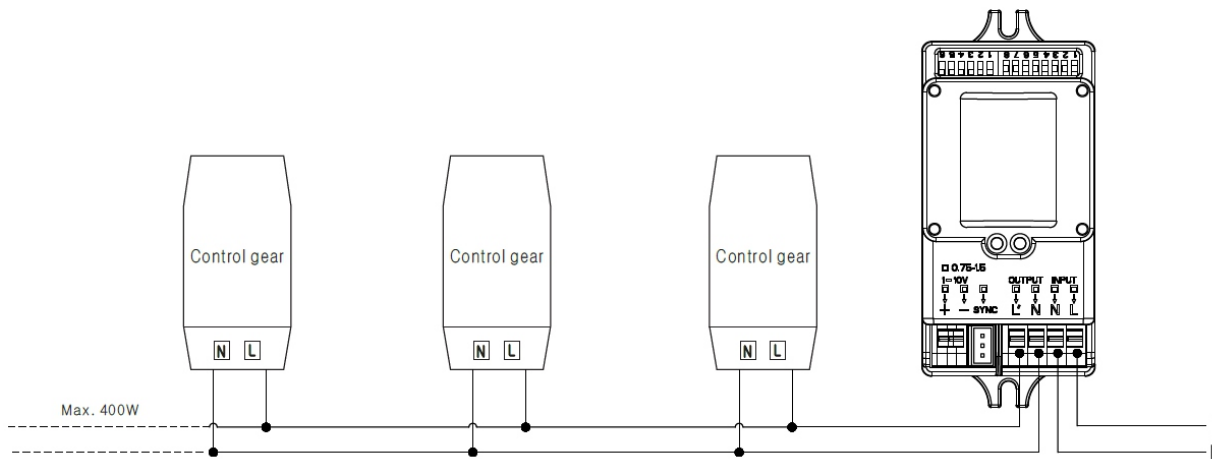


With insufficient ambient light, the sensor switches on the lamp when motion is detected.

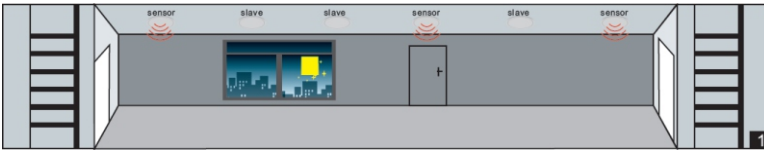


After hold time, the sensor switches off the lamp when no motion is detected.

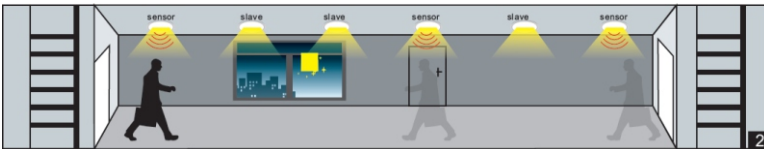
Wiring Diagram



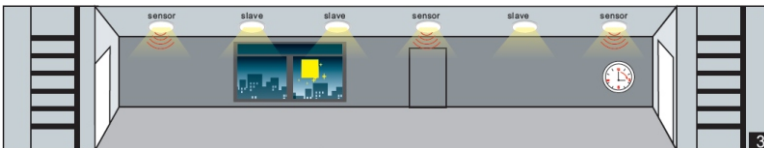
2 3-step dimming function



1. No motion detected, all lamps switch off.



2. Any movement is detected from any direction, all lamps synchronously switch on.

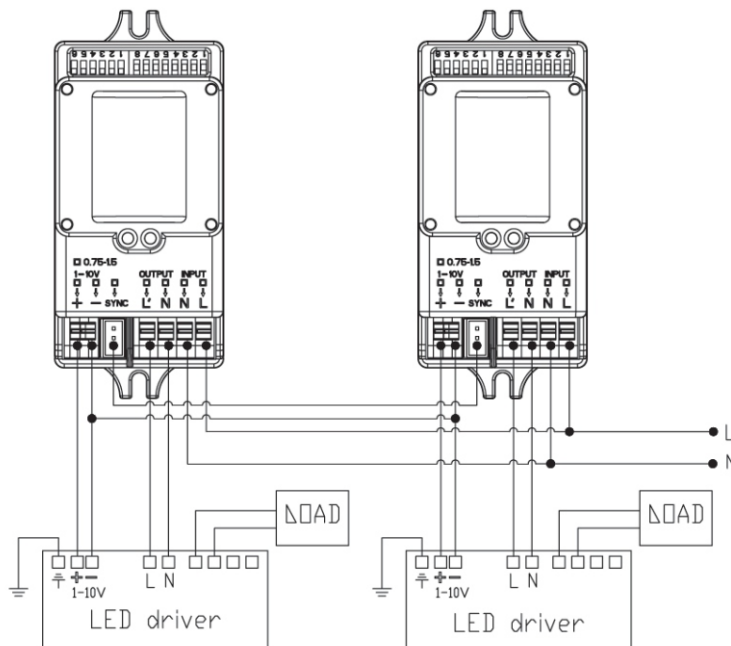


3. No motion is detected in detection area, all lamps synchronously dim to a low light level after hold time.



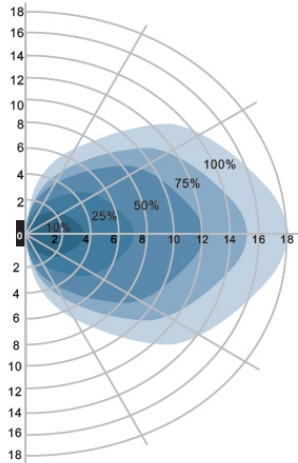
4. After stand-by period, the lamps switch off if no movement is detected in the detection zone.

Wiring Diagram

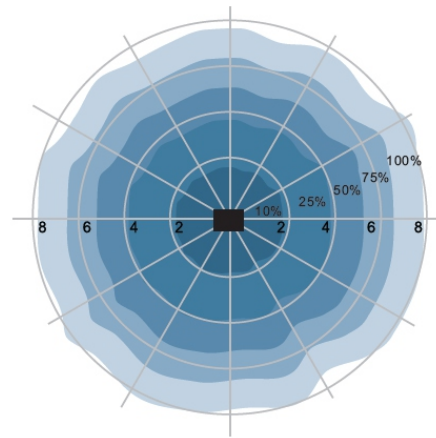




Detection Pattern



Wall mounting pattern (Unit: m)
Suggested installation height: 1-1.8m



Ceiling mounting pattern (Unit: m)
Suggested installation height: 2.5-10m

Settings

1 Detection Area

ON <
--

2 Hold-time

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

3 Stand-by Period

		6	7	8	
ON ↑ 	I	ON	ON	ON	0s
	II	-	ON	ON	5s
	III	ON	-	ON	5min
	IV	-	-	ON	10min
	V	ON	ON	-	30min
	VI	-	ON	-	1h
	VII	-	-	-	+∞

4 Daylight Sensor

		1	2	3	4	
ON ↑ 	I	-	-	ON	ON	2Lux
	II	-	-	-	ON	5Lux
	III	-	ON	ON	-	10Lux
	IV	-	-	ON	-	25Lux
	V	-	ON	-	-	50Lux
	VI	ON	-	-	-	100Lux
	VII	-	-	-	-	Disable

5 Stand-by Dimming Level

		5	6	
ON ↑ 	I	ON	ON	50%
	II	-	ON	30%
	III	ON	-	20%
	IV	-	-	10%





Technical Data

Operating voltage	120~277Vac, 50Hz/60Hz
Rated capacitive 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), <1W(operation)
Detection zone	Max.(D x H): 16m x 15m
Detection sensitivity	10% / 50% / 75% / 100%
Hold time	5s / 30s / 90s / 3min / 20min / 30min
Daylight sensor	2lux/5lux / 10lux / 25lux /50lux / 100lux / Disable
Stand-by period	0s /5s / 5min / 10min / 30min / 1h / +∞
Stand-by dimming level	10% / 20% / 30% / 50%
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation), 360°(ceiling installation)
Operating temperature	-35℃~70℃
IP rating	IP20

