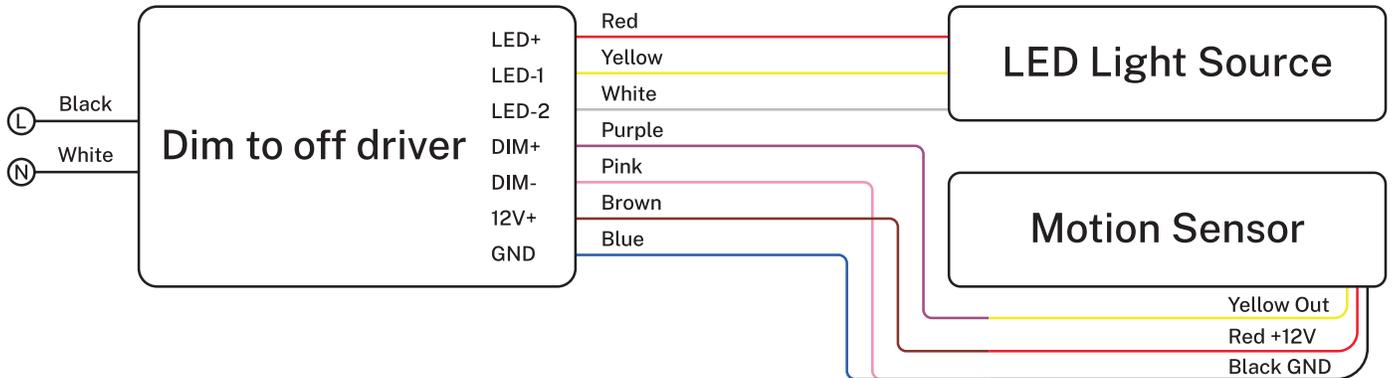


Microwave Motion Sensor Installation Instructions

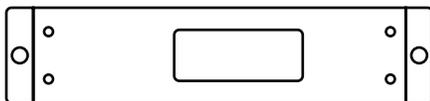


Wiring Diagram



Installation Bracket

The motion sensor comes both short and long brackets; refer to the table below to select the appropriate bracket for each fixture model.



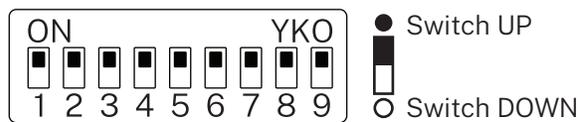
Short Bracket



Long Bracket

Fixture Model	LS24	LS48	LS96	VT48	VT96	WR48
Bracket Length	Long	Short	Short	Long	Long	Long

Settings



<input checked="" type="radio"/>	100%
<input type="radio"/>	50%

<input checked="" type="radio"/>	<input checked="" type="radio"/>	10s
<input checked="" type="radio"/>	<input type="radio"/>	1 min
<input type="radio"/>	<input checked="" type="radio"/>	5 min
<input type="radio"/>	<input type="radio"/>	10 min

<input checked="" type="radio"/>	<input checked="" type="radio"/>	Disable
<input checked="" type="radio"/>	<input type="radio"/>	50 lux
<input type="radio"/>	<input checked="" type="radio"/>	30 lux
<input type="radio"/>	<input type="radio"/>	10 lux

<input checked="" type="radio"/>	<input checked="" type="radio"/>	1 min
<input checked="" type="radio"/>	<input type="radio"/>	30 min
<input type="radio"/>	<input checked="" type="radio"/>	60 min
<input type="radio"/>	<input type="radio"/>	+ ∞

<input checked="" type="radio"/>	<input checked="" type="radio"/>	10 %
<input checked="" type="radio"/>	<input type="radio"/>	20 %
<input type="radio"/>	<input checked="" type="radio"/>	30 %
<input type="radio"/>	<input type="radio"/>	50 %

Detection Area

Defines where motion is detected to trigger the sensor. "100% detection area" indicates maximum sensitivity.

Hold-time

Duration the light stays at full brightness after motion is no longer detected.

Daylight threshold

Ambient light level (lux) required for the sensor to activate. The sensor operates only when brightness is below the set level. If set to "Disable," it triggers regardless of ambient light.

Stand-by period

Time the light remains at a reduced output before turning off completely. If set to continuous (no timeout), the light stays at low output indefinitely when no motion is detected.

Stand-by dimming period

The reduced light output level maintained during the standby period.

Microwave Motion Sensor Installation Instructions



Applications

1. Automatically ON/OFF function

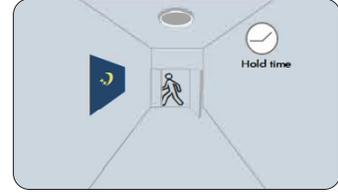
Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase.



With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.

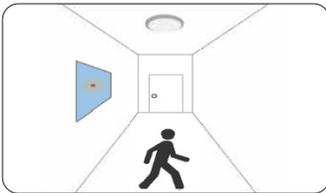


After the last detection and the present hold time elapsed, light OFF.

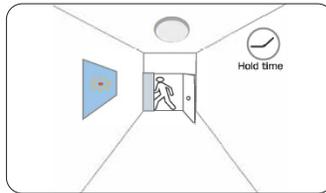
2. No daylight function

The daylight threshold is set to "Disable". Light on when detect movement, after people leave, light off after stand-by period.

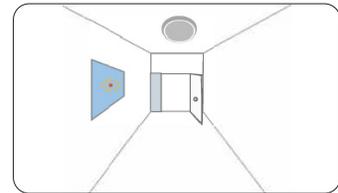
Applications: Dim places such as basement parking, underpass.



When motion is detected, the sensor will switch on the light to 100% brightness.

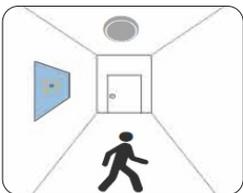


After people leave the detection area, light remains 100% brightness within hold time.



After the last detection and the present hold time elapsed, light OFF.

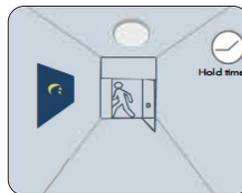
3. Function Demo - Dimmable control/Corridor function



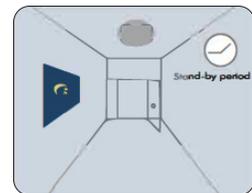
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion when motion detected light ON.



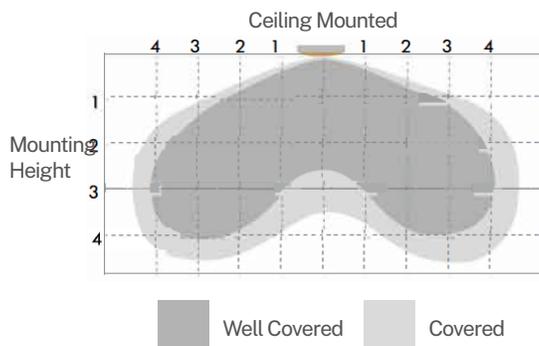
After last detection, the light will be dimmed down to the stand-by dimming level (10%, 20%, 30% or 50%) after holdtime.



After the stand-by period, light OFF.

Detection Coverage

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.



Product Diagram

