LOC-ACY-S-MWS-01-G1
LOC-ACY-S-MWS-BT-01-G1

LOC-RC-WHITE-G1

Ø54mm

31.9mm
24.4mm
21.2mm
Ø20mm
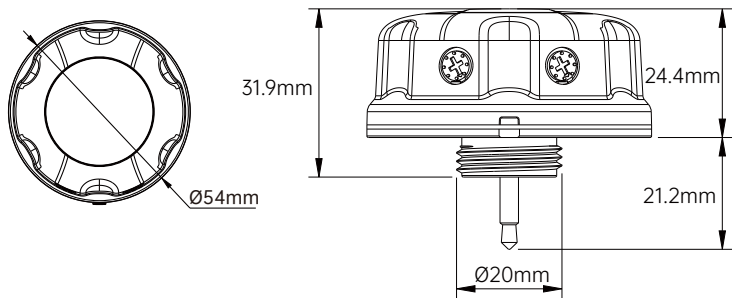
LOC-ACY-S-MWS-01-G1
LOC-ACY-S-MWS-BT-01-G1

LOC-ACY-S-MWS-01-G1/LOC-ACY-S-MWS-BT-01-G1

• 15M/49ft Patent Protected Module, Effectively anti-interference.

• Rotator & Remote control, app control for BLE version.

• 12VDC Input, 0-10V Dimming, with Daylight Harvesting and Photocell Function.

• ONE for ALL Installations Parterning With Different Receptacles & Brackets.

Parameters

| Voltage Range	10-15VDC
Current	Remote control Versions: <30mA APP Control Versions: <40mA
Frequency	5.8GHz±75MHz
Microwave Power	<0.3mW
Signal	DIM 0-10V
Detection Area	Remote Control: 25%/50%/75%/100% Rotating switch: Default Setting 100% APP Control Options: 25%/50%/75%/100%
Installation Height	15m/49.21ft Max.
Daylight Threshold	Remote Control: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/200Lux/250Lux/300Lux/350Lux/400Lux/Disable Rotating switch: Default Setting Disable APP Control Options: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/200Lux/250Lux/300Lux/350Lux/400Lux/Disable
Working Temp	-40℃~+70℃
IP Rating	IP65

Default Program: Detection Area -100%, Holdtime - 5MIN, Daylight Threshold - 50lux, Standby Period - 60min, Standby Dimming Level - 30%

Dial Rotator Function (Non Bluetooth Model Only)

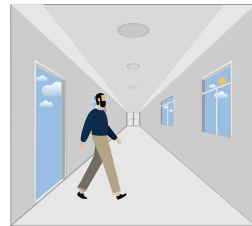LOC-ACY-S-MWS-01-G1 Regular Version

① Holdtime
5s/1min/5min/10min

② Standby Dimming Level
0%/10%/30%/50%
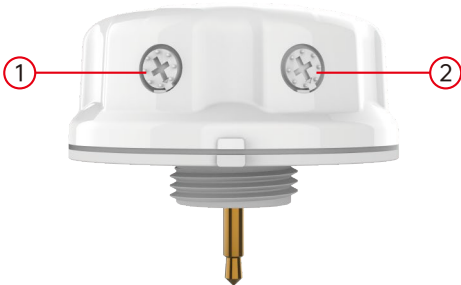
Detection Area
Default 100%

Daylight Threshold
Default Disable

Standby Period
Default as +∞ infinite with specific standby dim level.

*Please note the regular version is remote control supported;
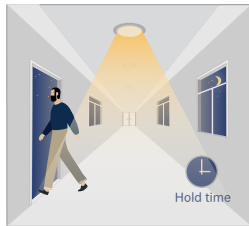the sensor memorizes the last-time setting.
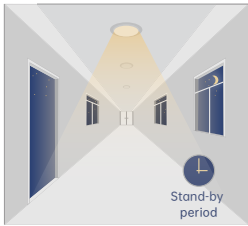
With Daylight Threshold

With sufficient daylight, the sensor keeps light OFF even motion gets detected
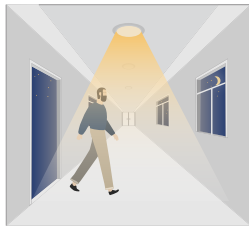
With insufficient daylight, the sensor turns light ON when motion gets detected

After there's no motion detected, the sensor keeps light ON 100% for holdtime.

After holdtime, sensor dims light to standby dimming level for standby period. if the standby period has been set as Os, sensor turns light OFF automatically after holdtime.
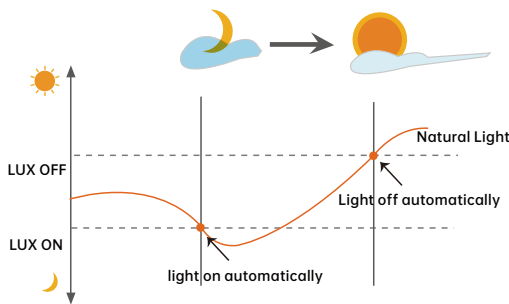
The sensor turns OFF light automatically after the standby period when there's no motion detected.
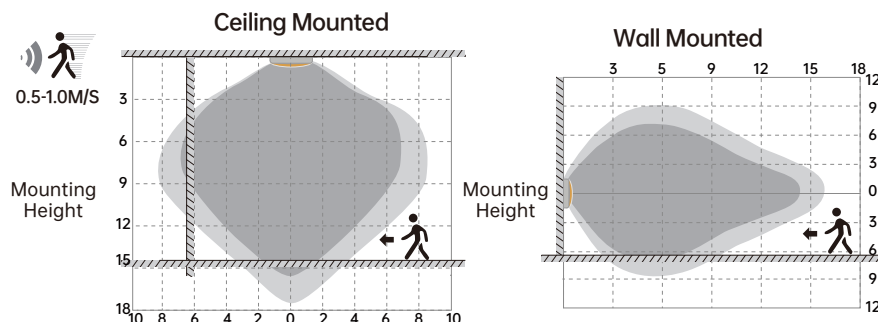
Dusk/Dawn function

LOC-ACY-S-MWS-01-G1/LOC-ACY-S-MWS-BT-01-G1 is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Precondition of Dusk/Dawn function:

1. Standby period is +∞;

2. Standby dimming level is on 10%,20% or 30%;

3. Daylight threshold is on 30lux/50lux/80lux/120lux/200Lux/250Lux/300Lux/350Lux/400Lux

LUX OFF
LUX ON
Natural Light
Light off automatically
light on automatically

Detection Coverage

Ceiling Mounted
Wall Mounted
0.5-1.0M/S
Mounting Height
Mounting Height

Highest mounting height is 15m

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

■ Well Detected Area   ■ Possibly Detected Area

Model Information

Model Number	Sensor Type	Connector	Controller
LOC-ACY-S-MWS-01-G1	Microwave	Audio Jack	Remote Control LOC-RC-WHITE-G1
LOC-ACY-S-MWS-BT-01-G1			APP