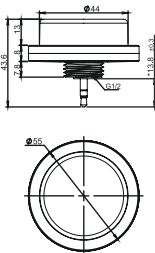


■ Bluetooth Microwave Sensor ANT-5-4T-BLE Instruction



Features:

- Bluetooth wireless technology
- Occupancy and daylight microwave sensors
- 0-10V dimming, bi-level set-points

INTRODUCTION

The Sharkward Lighting Controls Bluetooth Fixture Controller & Sensor provides automated individual and group control of light fixtures using onboard sensors and Bluetooth technology.

The ANT-5-4T-BLE is a motion sensor that dims lighting from high to low based on movement. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body.

Configuration of the Sharkward Lighting Controls Fixture Controller & Sensor is done conveniently with our free Smartphone App using Bluetooth protocol to communicate with the device.

A Bluetooth mesh network is created between devices for control over a group of Sharkward Lighting Controls Bluetooth Fixture Controller & Sensors.

Typical Applications: Parking Garages – Warehouses - Manufacturing Facilities

SPECIFICATIONS

Power supply	12V-24V DC, >50mA
Dim control output	0-10V, max. 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Protocol	Bluetooth Mesh
Wireless frequency	2.4GHz
Detection radius	20%/50%/75%/100%(1-8m)
Mounting height	Max 40ft.(12meters)
Time setting	10s/1min/5min/10min/15min/20min/30min/60min
Light-control	24H/10LUX/30LUX/50LUX
Temperature	-4°F ~ +140°F (-20°C ~ +60°C)
IP rating	IP65

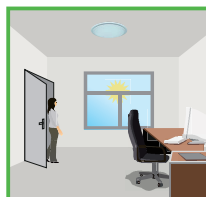
⚠ WARNING

NOTE: Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15seconds, then go to dimming to work normally.

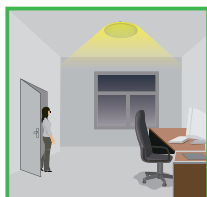
NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is ☀, Dimming level:30%, Dimming time: 60minutes.

CORRIDOR FUNCTION

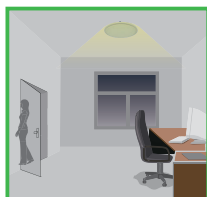
This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%-->dimmed light (natural light is insufficient) -->off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.



With sufficient natural light, the light does not switch on when presence is detected.



With insufficient natural light, the sensor switches on the light automatically when presence is detected.



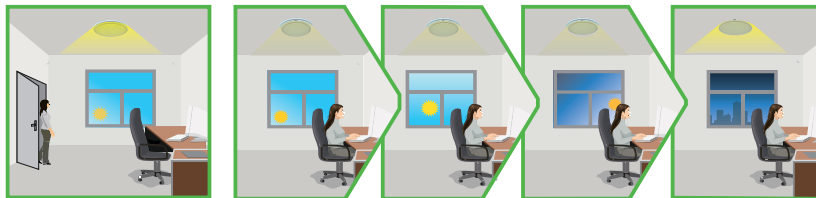
After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.



Light switches off automatically after the stand-by period elapses.

■ Bluetooth Microwave Sensor ANT-5-4T-BLE Instruction

DAYLIGHT HARVESTING FUNCTION

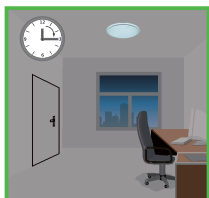


When the natural light is sufficient or dark, movement is detected and the light will turn on 100% brightness.

The light turns on at full or dims to maintain the lux level. The light output regulates according to the level of natural light available.

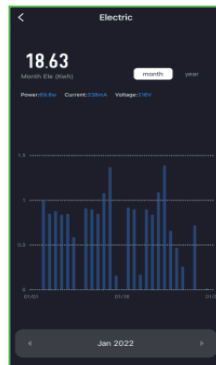
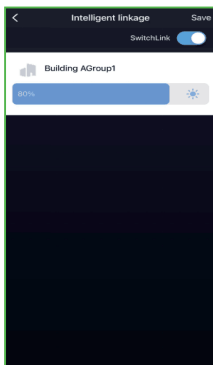
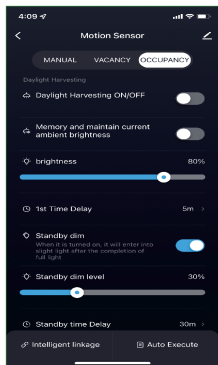
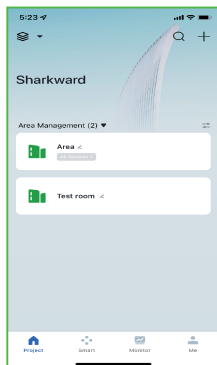


The light dims to stand-by period after hold-time and stays on selected minimum dimming level.



The light switches off completely after the stand-by period.

BLUETOOTH APP



SENSOR COVERAGE

