

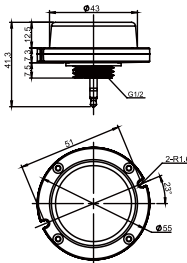
■ Bi-level Microwave Sensor For High Bay Light ANT-5-4T-R2 Instruction



ANT-5-4T-R2



RC-100



INTRODUCTION

ANT-5-4T-R2 is mounts in an outdoor lighting fixture (street lighting, garden lighting, passageway lighting) and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC LED drivers or dimming ballasts, and is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing.

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
Detection radius	0-100%(0-8m)
Mounting height	Max 40ft.(12meters)
Time setting	10s-60min
Light-control	10-500LUX/24H
Temperature	-40°F ~ +158°F (-40°C ~ +70°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: 60minutues.

NOTE: Any setting changed by remote control, the led light that sensor connect will on/off as confirm.

DAYLIGHT SENSOR FUNCTION

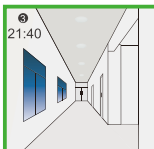
Choose the daylight sensor function on RC-200, you can set the "LUX MODE" is "Photo_Con".



The light switches on at 100% when there is movement detected.



The light dims to stand-by level after the hold-time.



The light turn off after 15 minutes when vacancy.

Settings on this demonstration:

POWER:100%

SENS:100%

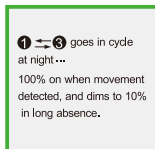
HOLD-TIME: 30MIN

LUX MODE: Photo Con

LUX IN: 100LUX

LUX OUT: 300LUX

DIM LEVEL: 30%



When the natural light level exceeds setpoint off to light, the light will turn off even if when the space is occupied.



Difference between daylight sensor function and daylight harvesting function:

1. In corridor function, the daylight sensor as threshold to assist motion sensor, in Photocell function, the daylight sensor works independently to motion sensor.
2. Turn On light by detect motion when natural light is insufficient for corridor function, turn on light by natural light level exceeds setpoint on to light, do need to detect motion, for smart photocell function.
3. Turn off light by stand-by time for corridor function, Turn off light by natural light level lower than setpoint off of light for smart photocell function.

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DAYLIGHT HARVESTING FUNCTION

Choose the daylight harvesting function on RC-200, you can set the "LUX MODE" is "D_Harvest".



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.

Settings on this demonstration:
POWER:100%
SENS:100%
HOLD-TIME: 30MIN
LUX MODE: D_Harvest
LUX : 100LUX
DIM LEVEL: 30%
DIM TIME: 15MIN

SENSOR COVERAGE

