Narrow Linear Strip Light

INSTRUCTION MANUAL

Read this instruction carefully before installation. Keep it for further reference. Make electrical and grounded connections in accordance with the national electrical code and any applicable code. Always turn off the power supply before installation. This product must be installed in accordance with the applicable installation code by a qualified electrician who is familiar with the construction and operation of the product and the hazards involved.

WARNING:

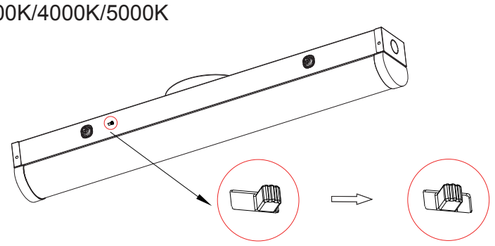
⚠ Risk of fire or electric shock. Fixture installation requires knowledge of luminaires electrical systems. If not qualified, DO NOT attempt installation. Contact a qualified electrician.

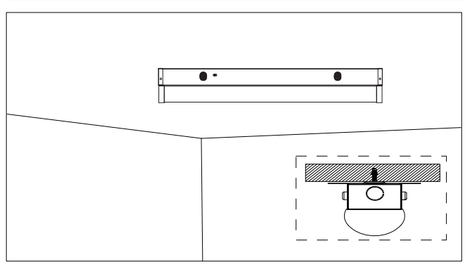
⚠ Risk of fire or electric shock. Always turn off the power supply before installation.
Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation liner or similar material.

⚠ DO NOT install fixture on unstable, loose or easily breakable surface.
DO NOT exert force on the surface of the fixture.

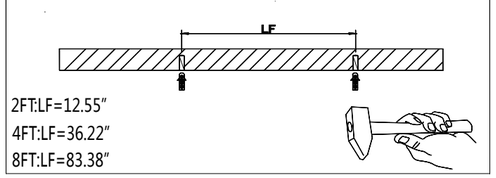
Wattage selectable

CCT CHANGING: 3500K/4000K/5000K

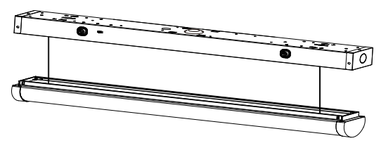




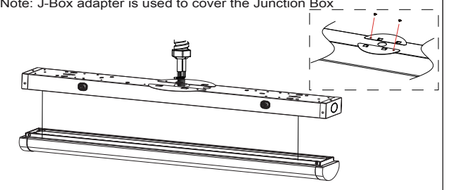
1.Punch a hole on the wall and put the expansion tube inside.



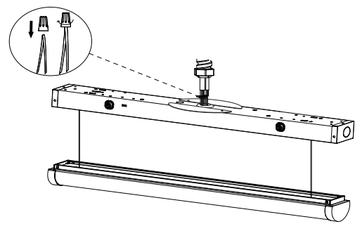
2. Swing open fixture by pushing in/squeezing both buttons located on opposite ends.

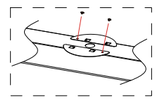


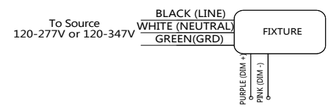
3.Run the fixture's power wires through the center hole. of the round J-box adapter. Slide and secure the round J-Box adapter on the center slots located on the back of the fixture.
Note: J-Box adapter is used to cover the Junction Box



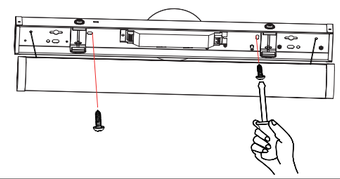
4. Turn off the power and make wiring by using wire nuts according to wiring diagram



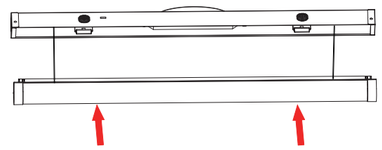




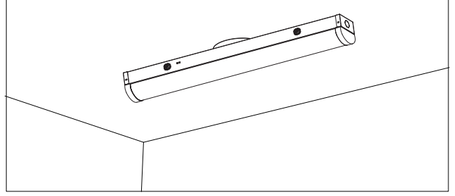
5.Secure the fixture to the wall with the correct mounting hardware



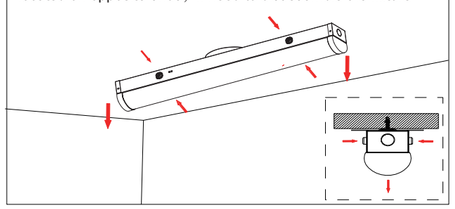
6. Press upward the cover and lock it with springs tightly which located into the fixture.



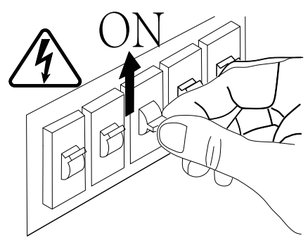
7.The installation is completed and energize the luminaire to verify operation.



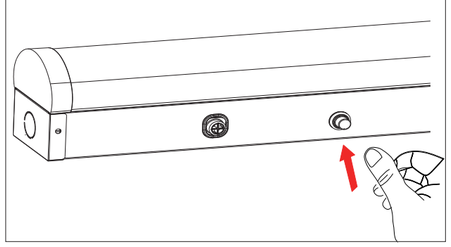
8.Swing open fixture by pushing in/squeezing both buttons located on opposite ends，if need to disassemble the fixture



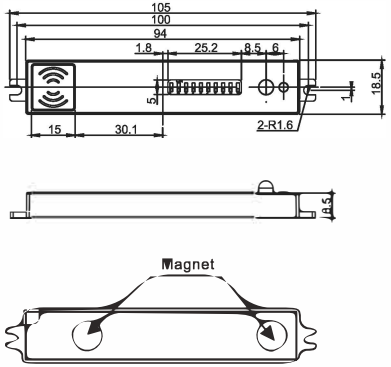
9. Turn on the power.



10. First time powering, start emergency test 0.5s. In emergency mode,Press the test switch for 3 seconds to turn off the current emergency state.



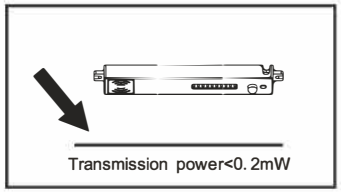
WEC-3RC
(OPTIONAL)



SPECIFICATIONS

Power supply	12V–24V DC, >50mA
HF System	5.8GHz±75MHz
Dim control output	0-10V, max. 25mA sinking current
Detection radius/angle	Max 17ft.(5.2m)/360°
Mounting height	Max 25ft(7.7m)
Remote range	50ft. (15m) indoor, no backlight
Humidity	Max. 95% RH
Temperature	-40°F ~ 158°F (-40°C ~ 70°C)

NOTE: The high-frequency output of this sensor is <0. 2mW-that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.



⚠ 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: 10seconds, Daylight sensor is 30lux, Dimming level:30%,Dimming time: 60minitues.

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

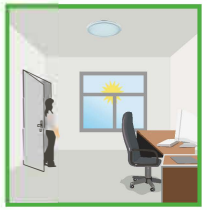
UTILIZING FIELD AND INTRODUCTION

ANT-7 is a moving object sensor that can detect range of 360°and it's working frequency is 5.8GHz. The advantage of this product is stable working state (stable working temperature: -40°C~+70°C), ANT-7 adopts a microwave sensor(high-frequency output <0.2mW),so that it is safe and performs better than infrared sensor.

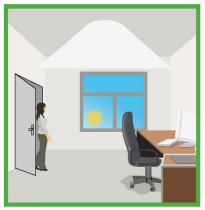
■Bi-level Daylight Harvest Microwave Sensor
WEC-2MDR-37 **Instruction**

FUNCTION AND OPTIONS

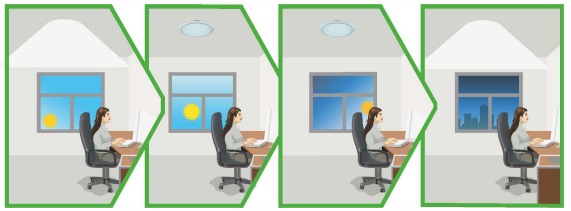
The microwave sensor to achieve tri-level dimming control, for same areas that require a light change notice before switch off.
If offers 3 levels of the light Control : 100%--dimming light (0,10%,30%,50%)--off;and 2 periods of selectable waiting time: motion hold-time and stand-by time. Selectable daylight threshold and choice of detection area.



The light will not switch on when natural light is sufcient, even there is motion detected.



The light switches on automatically with presence when natural light is insufcient.



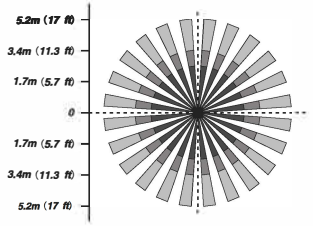
The light turns on at full or dims to maintain the lux level. The light output regulates according to the level of natural light available.

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

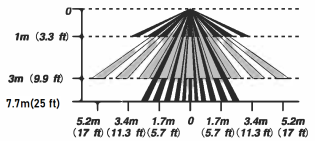
The light switches off completely after the stand-by period.

SENSOR COVERAGE

Top View

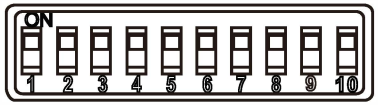


Side View



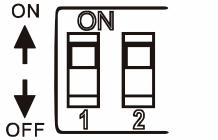
PARAMETER SETTING BY DIP SWITCH

Consider the picture: 1, 2 set sensitivity; 3, 4 set hold time; 5, 6 set the lux; 7, 8 stand-by light level ; 9, 10 set stand-by time ;



Detection Range Setting (sensitivity)

Detection rang can be reduced by selecting the combination on the DIP switches to fit precisely each application:

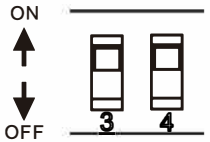


SENSITIVITY:1, 2

SENSITIVITY 1	2	
↓	↓	20%
↓	↑	50%
↑	↓	75%
↑	↑	100%

Hold Time Setting

The lamp can be set to stay ON for any period of time between approx.10sec and a maximum of 15min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.
Switch location and hold time of the corresponding table is as follows:

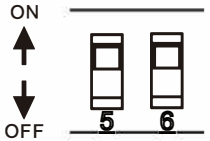


TIME:3, 4

TIME 3	4	
↓	↓	10S
↓	↑	1Min
↑	↓	5Min
↑	↑	15Min

Light-control Setting

The chosen lamp response threshold can be infinitely from approx. 10-50lux, switch location and light-control of the corresponding table is as follows:



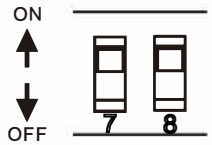
LIGHT:5, 6

LIGHT 5	6	
↓	↓	☼ (light sensor disable)
↓	↑	10Lux
↑	↓	30Lux
↑	↑	50Lux

■Bi-level Daylight Harvest Microwave Sensor

Stand-by Light Level Setting

The corresponding file of switch location and stand-by level as follow:

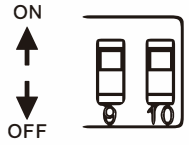


STAND-BY LEVEL:7, 8

STAND-BY LEVEL 7	8	
↓	↓	0%
↓	↑	10%
↑	↓	30%
↑	↑	50%

Stand-by Time Setting

The corresponding file of switch location and stand-by time setting as follow:



STAND-BY TIME:9, 10

STAND-BY TIME 9	10	
↓	↓	+∞
↓	↑	1Min
↑	↓	30Min
↑	↑	60Min

PARAMETER SETTING BY REMOTE CONTROL IN MANUAL OF RC-100.

WIRING DIAGRAMS

ANT-7 wiring with dimming ballast or LED driver.