

VAPOR TIGHT SERIES

4 FT + 8 FT VAPOR TIGHT
WATTAGE + CCT SELECTABLE


CLEAR RIBBED LENS | 0-10 V DIMMING | 5-YEAR WARRANTY

LENGTHS
4 FT + 8 FT
POWER
20-80 W SELECTABLE
COLOR
3000 / 4000 / 5000 K
PROTECTION
IP66 WET LOCATION
APPLICATION

WASHDOWN + WET LOCATIONS


SEALED. BRIGHT. DEPENDABLE.
PRODUCT FEATURES

COMMERCIAL-GRADE

- IP66 ingress protection for wet and damp locations
- Selectable wattage and 3000/4000/5000 K CCT
- 120-degree beam with CRI 80+
- Power factor 0.9+ and 50,000+ hour life
- Polycarbonate housing with stainless-steel clips
- Optional motion sensor or emergency backup driver

ORDERING GUIDE

4 FT + 8 FT MODELS

Model	Size	Selectable Power	Max Output	Selectable CCT	Input	Option Code
RY-4FT-VT-H-3W3CCT	4 FT	20 / 30 / 40 W	5,200 lm @ 40 W	3000 / 4000 / 5000 K	120-277 VAC	MS or EM
RY-8FT-VT-H-3W3CCT-MO	8 FT	40 / 60 / 80 W	10,400 lm @ 80 W	3000 / 4000 / 5000 K	120-277 VAC	MS or EM

TECHNICAL SPECIFICATIONS

SHARED PLATFORM

 INPUT
120-277 VAC

 BEAM
120 DEG

 POWER FACTOR
0.9+

 OPERATING TEMP.
-13 F to +113 F

 COVER
Clear ribbed

 DIMMING
0-10 V

 CRI
80+

 SURGE DM / CM
1.25 / 1.25 kV

 RATED LIFE
>50,000 hours

 HOUSING
PC + stainless clips
HARDWARE + OPTIONS

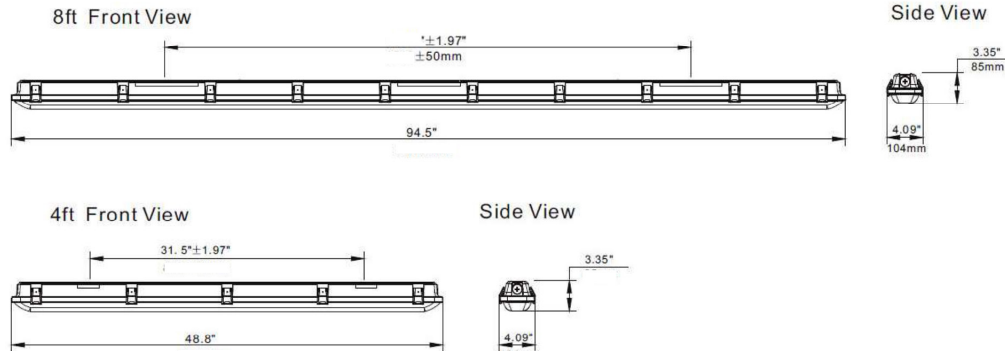
FIELD READY

INCLUDED HARDWARE

VAPOR TIGHT SERIES DIMENSIONS, PACKAGING & PHOTOMETRICS

FIXTURE DIMENSIONS

4 FT + 8 FT HOUSINGS



PACKAGE INFORMATION

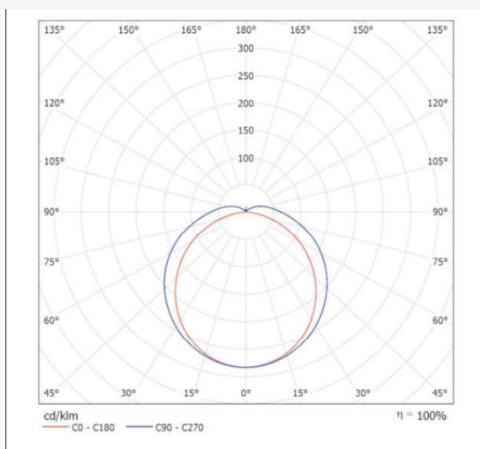
SHIPPING + CONTAINER DATA

Package Data	RY-4FT-VT-H-3W3CCT	RY-8FT-VT-H-3W3CCT
Fixture Size	4 FT	8 FT
Quantity / Pack	6 pcs / pack	4 pcs / pack
Package Size	1290 x 245 x 280 mm 50.8 x 9.65 x 11.02 in	2450 x 245 x 200 mm 96.5 x 9.65 x 7.87 in
Package Weight	15.1 kg / 33.29 lb	24 kg / 52.91 lb
Package CBM	0.088494	0.12005
40GP Capacity	~3,930 pcs	~1,930 pcs
40HQ Capacity	~4,610 pcs	~2,260 pcs
45HQ Capacity	~5,280 pcs	~2,590 pcs

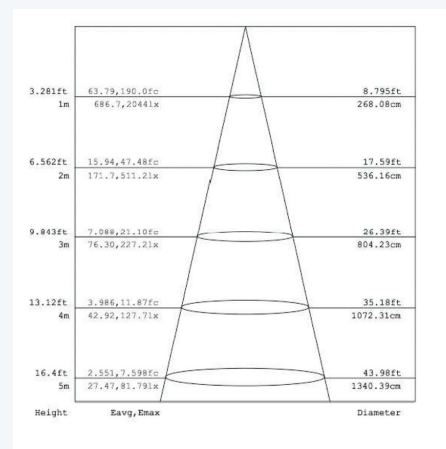
PHOTOMETRIC REPORT

DISTRIBUTION + CONE ILLUMINANCE

LUMINOUS INTENSITY



CONE ILLUMINANCE

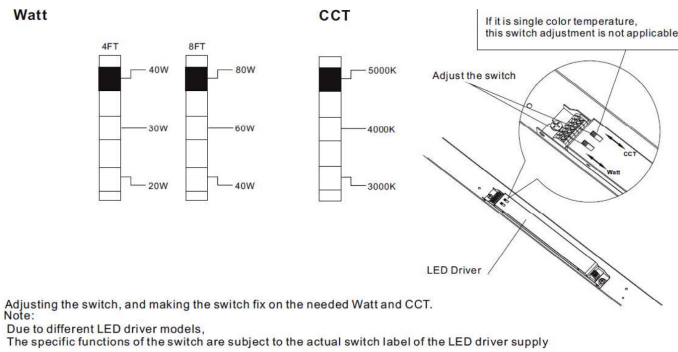


VAPOR TIGHT SERIES

FIELD SELECTION & INSTALLATION

WATTAGE + CCT SELECTION

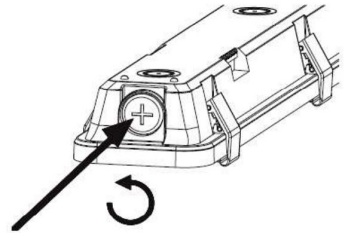
SET BEFORE CLOSING THE HOUSING



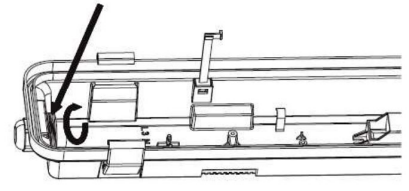
Switch positions vary by LED-driver model; follow the label supplied inside the fixture.

SURFACE-MOUNT INSTALLATION

FIVE-STEP CONNECTION SEQUENCE

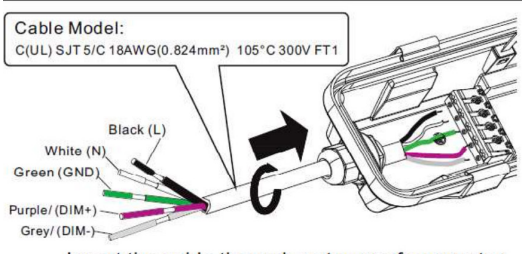


1 Take down the quick end cap anticlockwise.



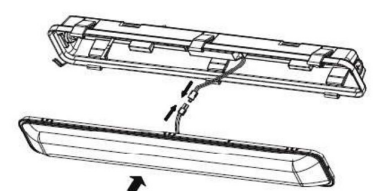
2 Fasten the waterproof connector clockwise.

Cable Model:
 C(UL) SJT 5/C 18AWG(0.824mm²) 105°C 300V FT1

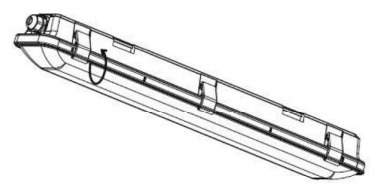


Black (L)
 White (N)
 Green (GND)
 Purple (DIM+)
 Grey (DIM-)

3 Insert the cable through waterproof connector and wire it into terminal block. Make sure L, N, grounding and dimming wire are wired to correct holes.



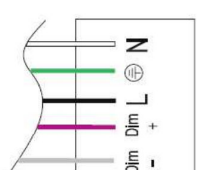
4 Connect the male plug extended from back of reflector to the female plug from the driver.



5 Close the lamp diffuser, which was integrated with reflector, and lamp base, then fasten the clips which were offered in accessories bag.

• Connection mode

Dimming function

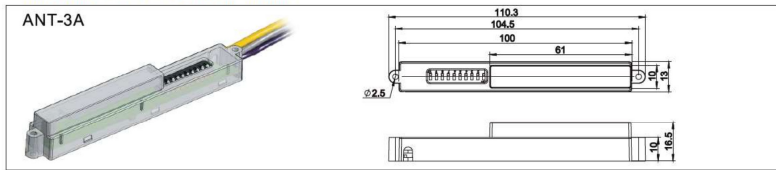


VAPOR TIGHT CONTROL OPTION

BUILT-IN MOTION SENSOR

ANT-3A SENSOR OVERVIEW

MICROWAVE OCCUPANCY CONTROL



POWER
12-24 VDC, >50 mA

HF SYSTEM
5.8 GHz +/-75 MHz

DIM OUTPUT
0-10 V, max. 25 mA

DETECTION
17 ft max. / 360 DEG

MOUNTING
13 ft max.

TEMPERATURE
-40 F to +158 F

SETTINGS + OPERATING NOTES

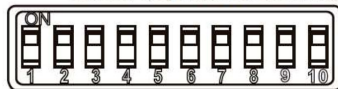
DIP SWITCHES 1-10

⚠ 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: 60minutes.
NOTE: Any setting changed by DIP Switch or remote control, the led light that sensor connect will on/off as confirm.

PARAMETER SETTING BY DIP SWITCH

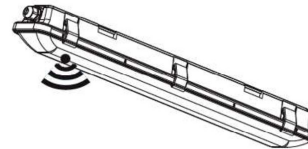
Consider the picture: 1, 2 set sensitivity; 3, 4 set hold time; 5, 6 set the lux; 7, 8 stand-by light level 9, 10 set stand-by time;



For detailed adjustment methods, please refer to the ANT-3A Instruction manual

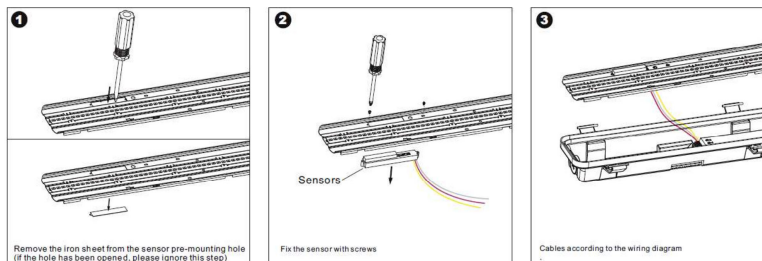
SPECIFICATIONS

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 13ft(4m)
Remote range	50ft. (15m) Indoor, no backlight
Humidity	Max. 95% RH
Temperature	-40°F ~ 158°F (-40°C ~ 70°C)



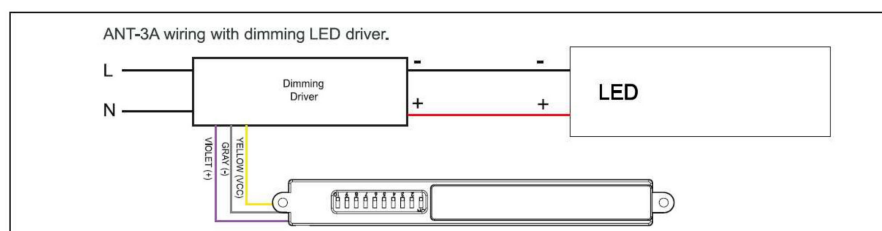
SENSOR INSTALLATION

PRE-MOUNTED ACCESS POINT



SENSOR WIRING

DIMMING LED DRIVER



VAPOR TIGHT EMERGENCY OPTION

BUILT-IN EMERGENCY SYSTEM

EMERGENCY DRIVER

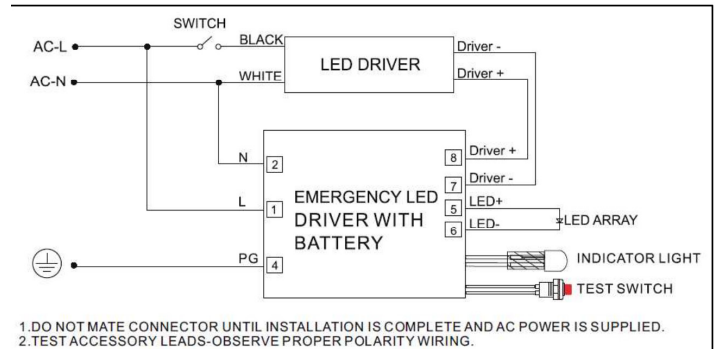
8 W OUTPUT



Universal input	100-277 Vac, 50/60 Hz
AC input current	100 mA max.
AC input power	7.0 W max.
Output	160-320 mA, 25-48 Vdc
Emergency power	8 W >= 1.5 hours Li-ion
Emergency time	7.4 V / 2500 mAh >= 24
Battery	hours 32 F to 104 F / 0 C
Charge time	to 40 C
Ambient	

WIRING DIAGRAM

DRIVER + BATTERY



INPUT
100-277 VAC

EMERGENCY
>= 90 MIN

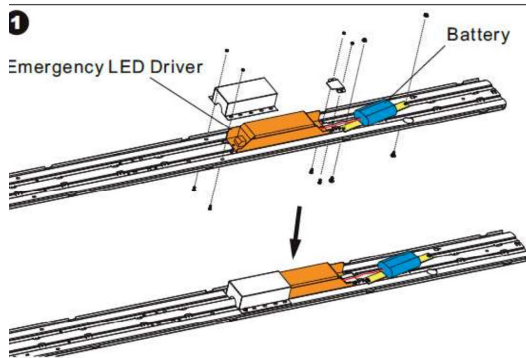
OUTPUT
8 W

WARRANTY
5 YEARS

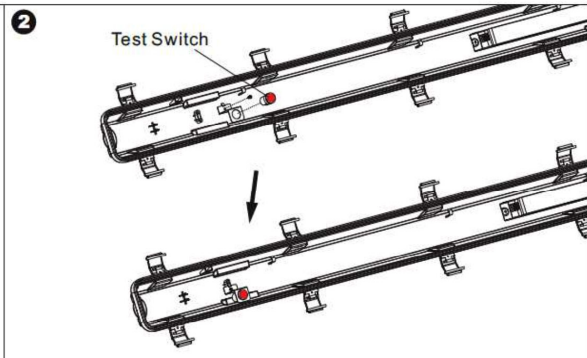
EMERGENCY SYSTEM INSTALLATION

DRIVER, BATTERY + TEST SWITCH

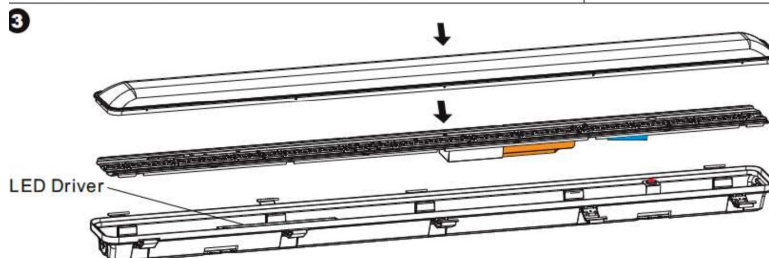
INSTALLATION



Emergency led driver and Battery installation position



Test Switch installation position



Assemble according to this drawing and wire according to the wiring diagram to complete the installation