

Project Name: _____
Date: _____ Note: _____

LED Vapor Tight - Watt and CCT Selectable



FEATURE

- Wet location rated with IP66 ingress protection rating. Suitable for damp location
- Watt and CCT adjustable to fit for different locations
- Long life hours with a durable housing
- 1-10V dimmable: Light can be dimmed to ideal brightness levels to save energy and get the light levels correct for your area.
- With option of build-in motion sensor or emergency backup driver



Application: Parking garages, shopping centers, car washes, and many other commercial or industrial applications

ACCESSORIES



- Plastic Anchors
- Screw for anchor
- Strain Relief Connectors
- Mounting brackets (2 for 2FT/4FT and 3 for 8FT)

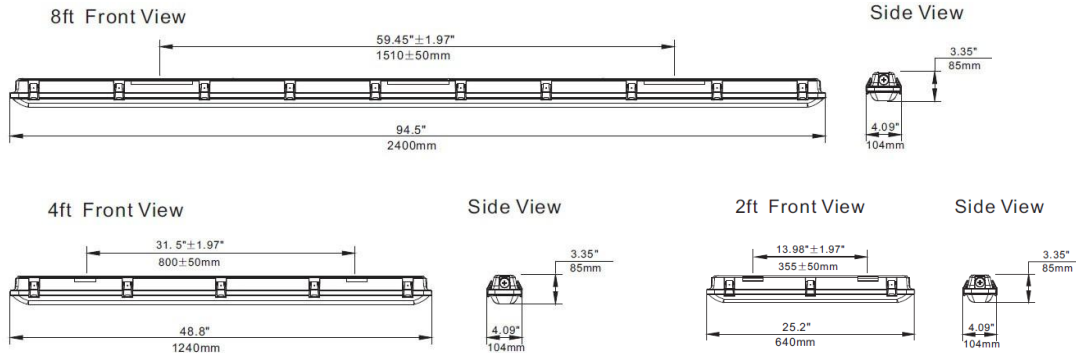
ORDERING GUIDE

Model	HY-2FT-VT-H-3W3CCT (XX)	HY-4FT-VT-H-3W3CCT (XX)	HY-8FT-VT-H-3W3CCT (XX)
Power	20W	20/30/40W Selectable	40/60/80W Selectable
Size	2FT	4FT	8FT
Lumens	2600LM	5200 lm @ 40W	10400 lm @ 80W
Cover	Clear Ribbed		
Input Voltage	120-277 VAC		
Dimming	Triac Dimming (10%-100%)		
Protecting Rating	IP66		
Power Factor	0.9+		
Beam Angle	120°		
CCT	3000K/4000K/5000K Selectable		
CRI	80+		
Surge protection DM/CM	1.25 kV / 1.25 kV		
Working Life	Lumen Maintenance over 70% @50,000+ hours		
Oper. Temperature	-13°F ~ +113°F / -25°C ~ +45°C		
Housing	Polycarbonate housing (PC) + Stainless Steel Clips		
Option (XX)	XX can be: MS: Microwave Motion Sensor EM: Emergency Backup Driver		

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DIMENSION

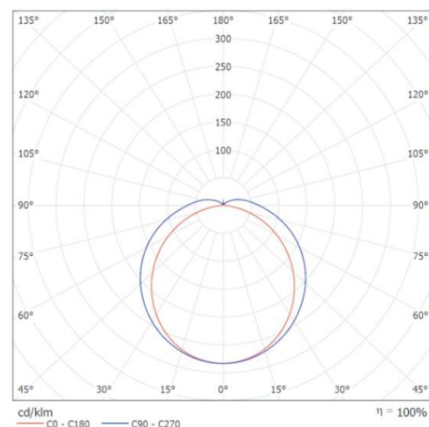


PACKAGE INFO

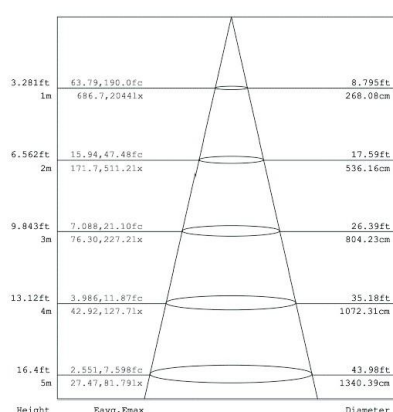
Model. No.	HY-2FT-VT-H-3W3CCT (XX)	HY-4FT-VT-H-3W3CCT (XX)	HY-8FT-VT-H-3W3CCT (XX)
Size	2FT	4FT	8FT
QTY/PACK	6PCS/PACK		4PCS/Pack
Package Size	690X245X280mm 28"X9"X11"	1290X245X280mm 50"X9"X11"	2450X245X200mm 97"X9"X8"
Package Weight	9 kg/19.84 lbs	15.1 kg/33.29 lbs	24 kg/52.91 lbs
Package CBM	0.047334	0.088494	0.12005
40GP Capacity	~7350PCS	~3930PCS	~1930PCS
40HQ Capacity	~8610PCS	~4610PCS	~2260PCS
45HQ Capacity	~9880PCS	~5280PCS	~2590PCS

PHOTOMETRIC REPORT

Luminous Intensity Distribution Diagram:



Cone Illuminance Diagram:

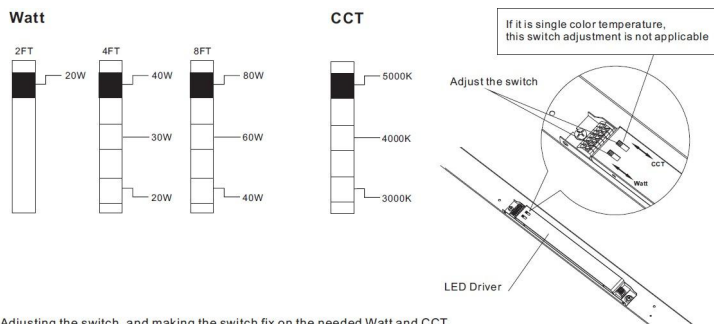


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Surface Mount Installation



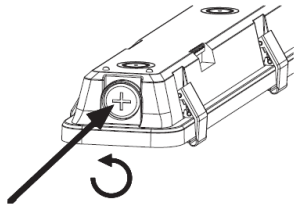
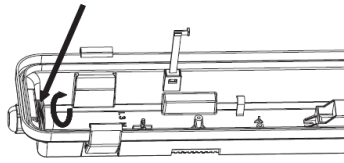
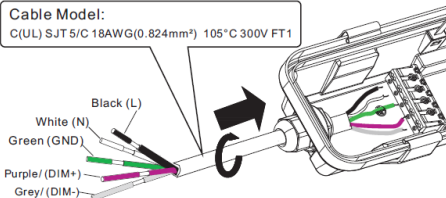
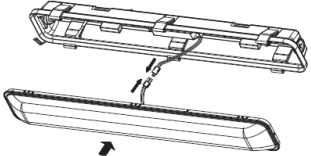
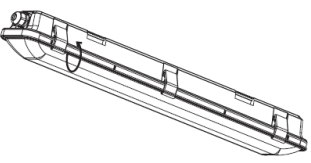
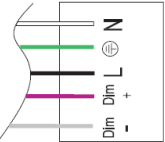
Adjusting the switch, and making the switch fix on the needed Watt and CCT.

Note:

Due to different LED driver models,

The specific functions of the switch are subject to the actual switch label of the LED driver supply

Installation

 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 

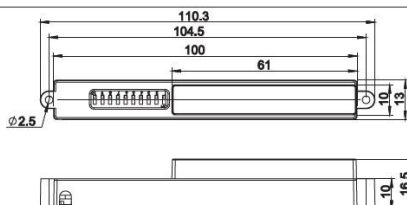
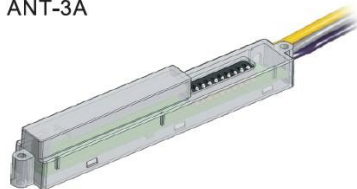
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Build-In Motion Sensor Information

BUILT-IN MOTION SENSOR INFORMATION

ANT-3A



WARNING

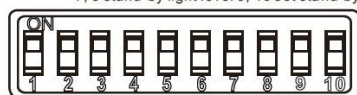
NOTE: Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15 seconds, then go to dimming to work normally.
NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 10seconds, Daylight sensor is 30lux, Dimming level:30%, Dimming time: 60minutes.
NOTE: Any setting changed by DIP Switch or remote control, the led light that sensor connect will on/off as confirm.

SPECIFICATIONS

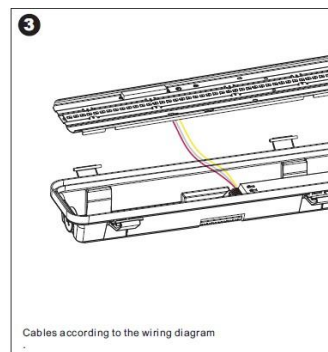
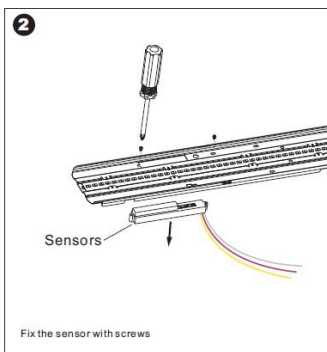
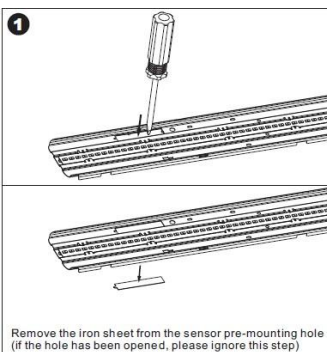
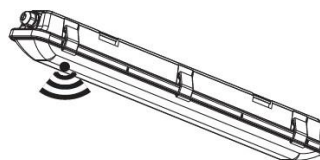
Power supply	12V-24V DC, >50mA
HF System	5.8GHz±75MHz
Dim control output	0-10V, max. 25mA sinking current
Detection radius/angle	Max 17ft.(5.2m)/360°
Mounting height	Max 13ft.(4m)
Remote range	50ft. (15m) Indoor, no backlight
Humidity	Max. 95% RH
Temperature	-40°F ~ 158°F (-40°C ~ 70°C)

PARAMETER SETTING BY DIP SWITCH

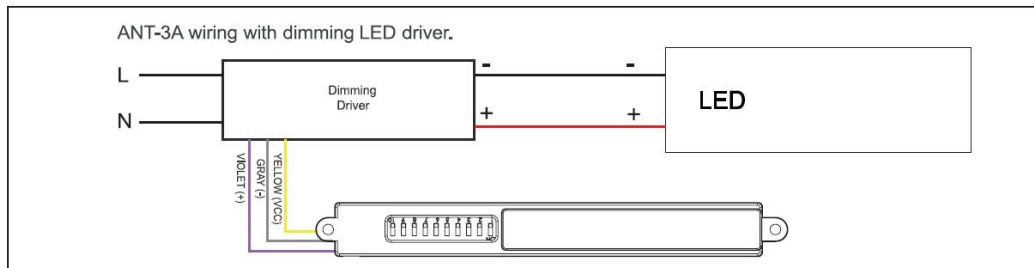
Consider the picture: 1, 2 set sensitivity; 3, 4 set hold time; 5, 6 set the lux;
7, 8 stand-by light level 9, 10 set stand-by time;



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



WIRING DIAGRAMS



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Build-In Emergency Information

EMERGENCY LED DRIVER INFORMATION

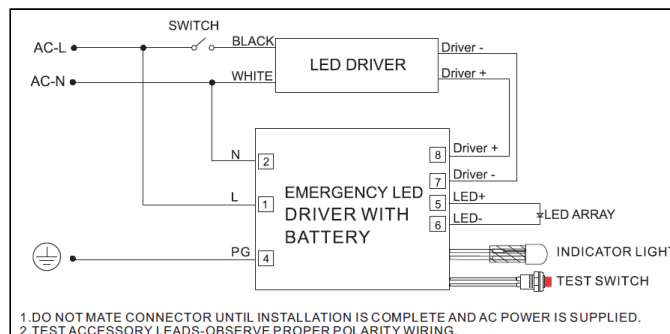
Specifications:



Specifications:

Universal Input Voltage	100-277Vac 50/60Hz
AC Input Current	100mA max.
AC Input Power Rating	7.0W max.
Output Current and Voltage	160-320mA 25-48Vdc
Output Power	8W
Emergency Time	≥1.5H
Full Warranty	5 Years
Test Switch Indicator Light	Illuminated Test Switch, indicator Light
Battery	Li-ion battery-7.4V/2500mAh
Battery Charging Current	250mA
Charging Time	≥24Hours
Temperature Rating (Ambient)	Li-ion 0°C to +40°C (32°F to 104°F)

WIRING DIAGRAM



INSTALLATION

