



### EMERGENCY LED DRIVER

**KVD-EMUFO-XXW-170**

**25W/30W/40W | 100-347VAC**



100-347V  
Input Voltage



170Vdc  
Output Voltage



IP RATING  
Wet Location



SELF  
Diagnostic



REMOTE  
Control

## For wiring to the led driver's input

### Features

- UL Listed for us and canada
- Listed to UL924 and tested to CSA C22.2 NO.141 Field or factory installation
- High voltage output
- Low energy consumption CEC compliance
- Constant output power
- Self-testing
- Battery:over temperature protection

### Specifications

- Input Voltage:100~347Vac,50/60Hz
- Input Current: 200mAmax.
- Input Power Rating:12W max.
- Output Voltage:170Vdc
- Emergency Power:25W/30W/40W
- Recharge Time:24Hrs
- Discharge Time:90 minute
- Battery:Li-ion
- Warranty: 5 Years
- Ambient Temp:32~122F(0~50°C)
- Weight:5.10 lbs(2.2kg)

### Model No.

Model No.	Output Voltage	Emergency Power	Battery Type
KVD-EMUFO-25W-170	170Vdc	25W	Li-ion
KVD-EMUFO-30W-170		30W	
KVD-EMUFO-40W-170		40W	

### Indicator Light

- AC Operation, indicator light will keep on
- Emergency Operation, indicator light flash slowly (light on for 1 seconds, light off for 1 seconds)
- In a failure, indicator light flash quickly (light on for 0.02 seconds,light off for 0.02 seconds)

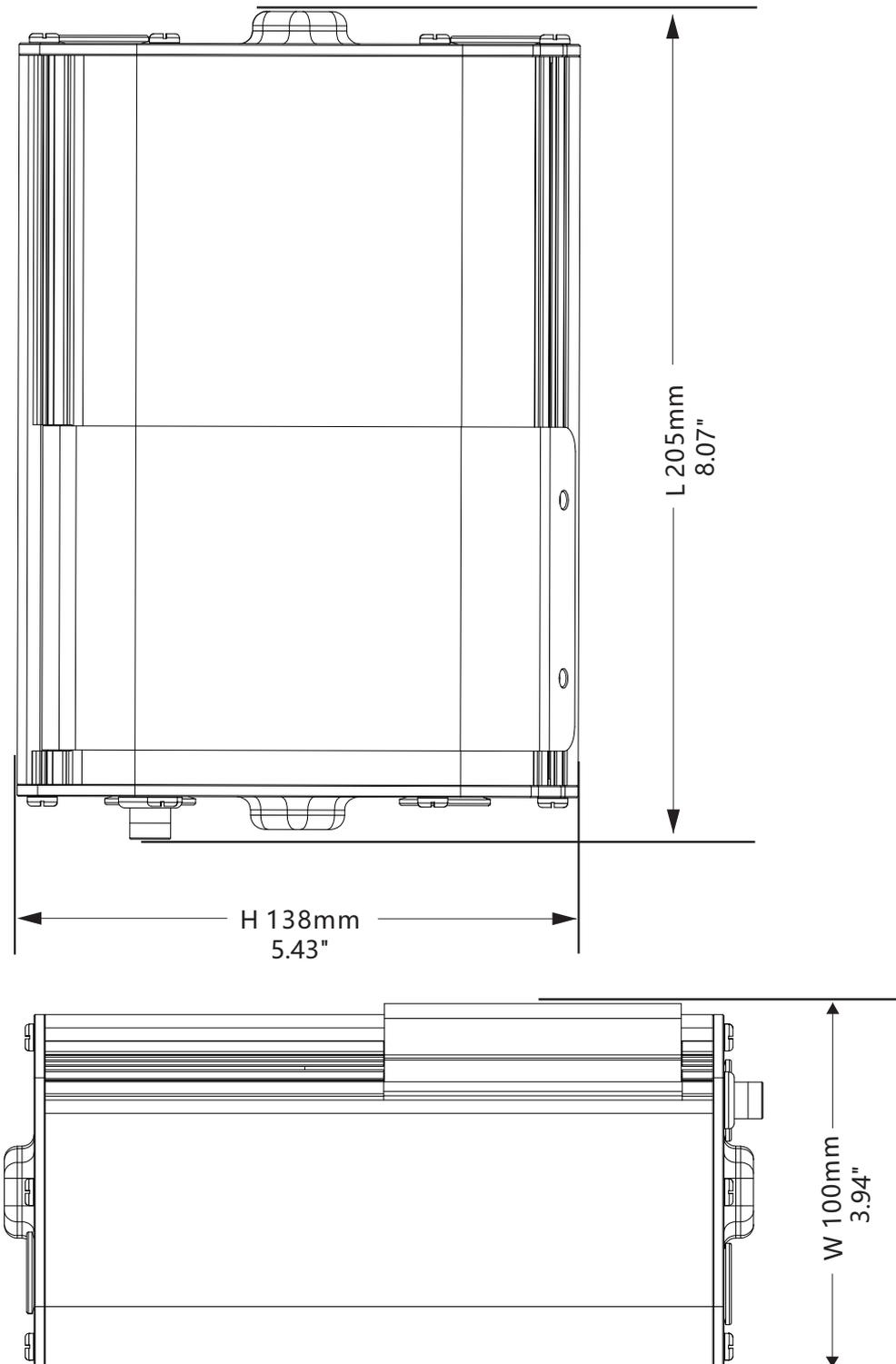
### OPERATION(INDICATOR STATUS)

Model	Test Switch Operation	Indicator Status	Comment & Solutions
AC MODE	Pressed the ON button on the remote	0.5s ON andis OFF (slowflashing)	The battery is under emergency test Press OFF on the remote again to toggle the battery charge
EMERGENCY MODE (1)	NO Pressed	0.5s ON andis OFF (slowflashing)	Battery is automatically conducting a emergency until Battery is fully discharged
EMERGENCY MODE (2)	Pressed the OFF button on the remote	OFF	Battery is turned off

### CAUTION:

- During AC operation, remember no touch or remove any wires in case of electric shock
- During emergency operation, before touching and disconnecting the wires, remember to press the test button again to make the led lamp and indicator light off to avoid electric shock
- The voltage input to the dimmable wires(DIM+,DIM-) of emergency LED driver must less than 20Vdc
- For emergency LED driver of KVD-EMUFO-25W-170 battery work with LED lamp not more than 150W, for KVD-EMUFO-30W-170/KVD-EMUFO-40W-170 must work with LED lamp less than 300W

## Dimensions



## ACCESSORIES

①

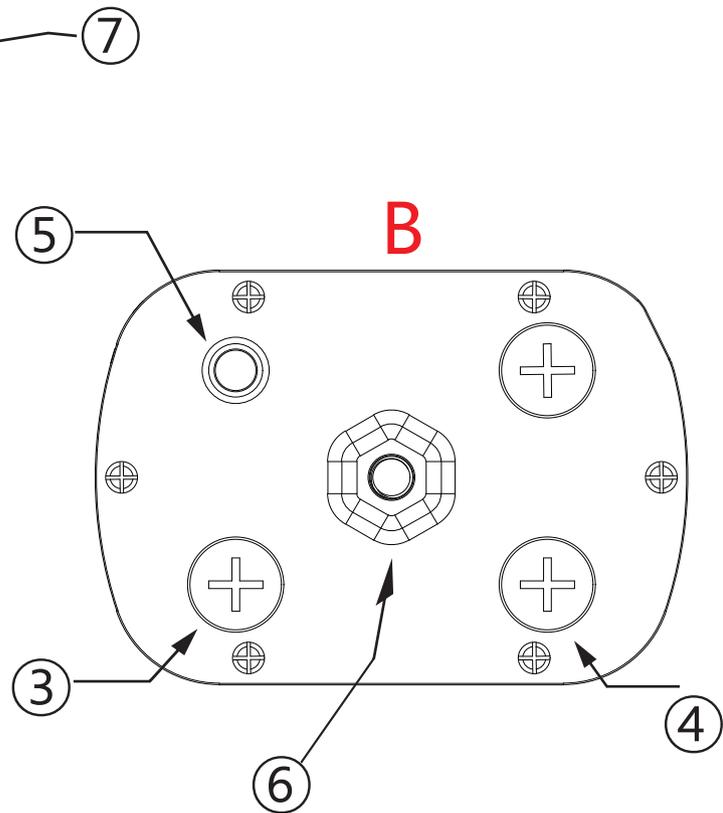
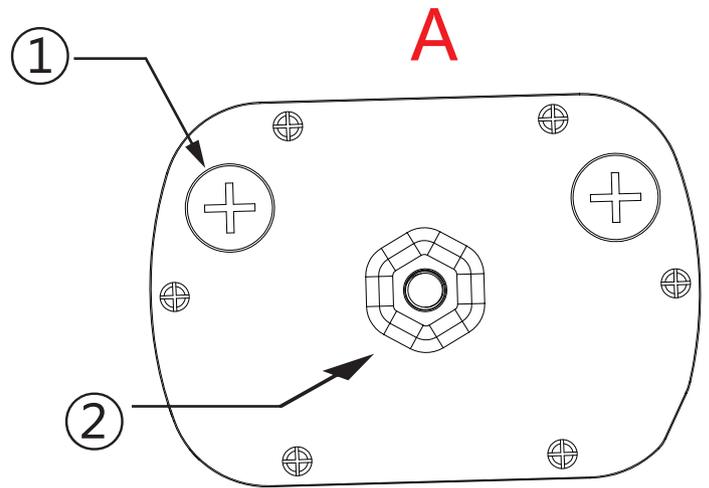
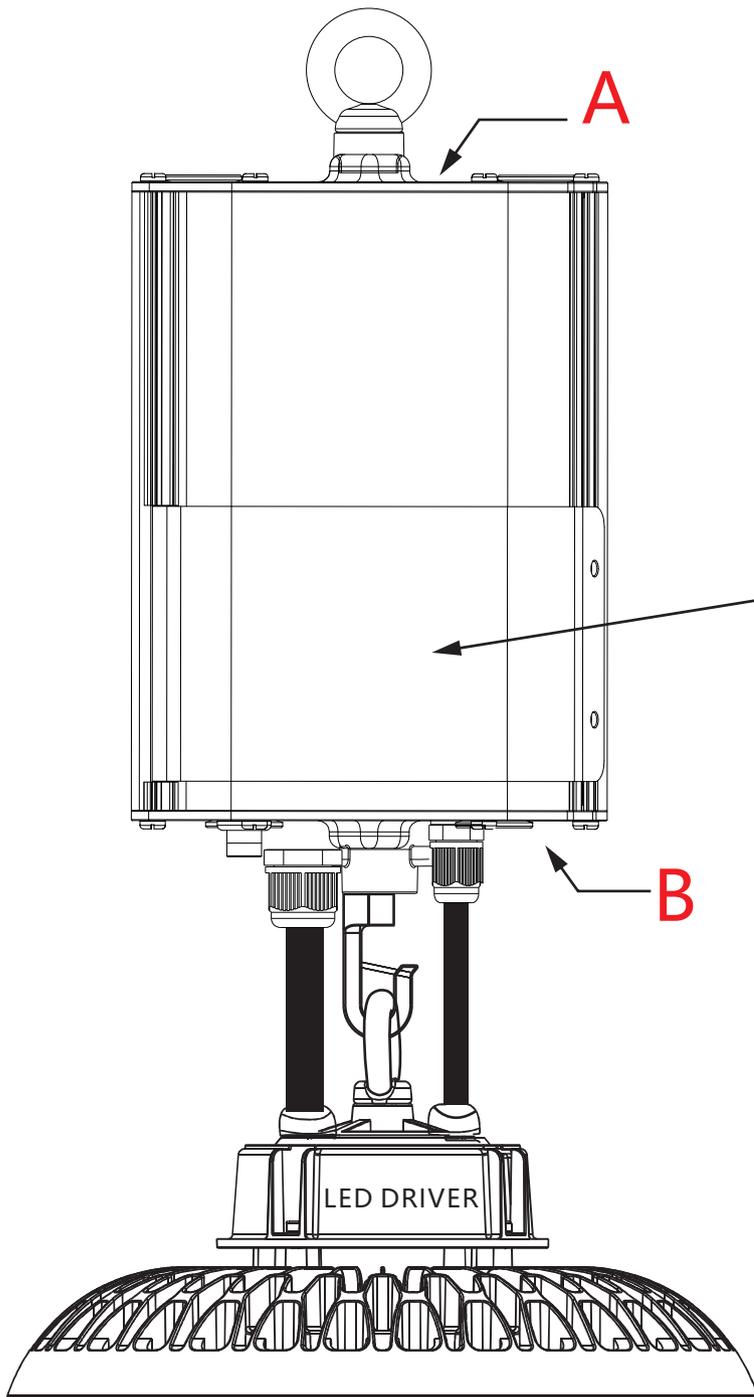


②



③





① AC input wire interface

② M10 Bolt

③ LED Driver input wire

④ LED Driver dimming wire

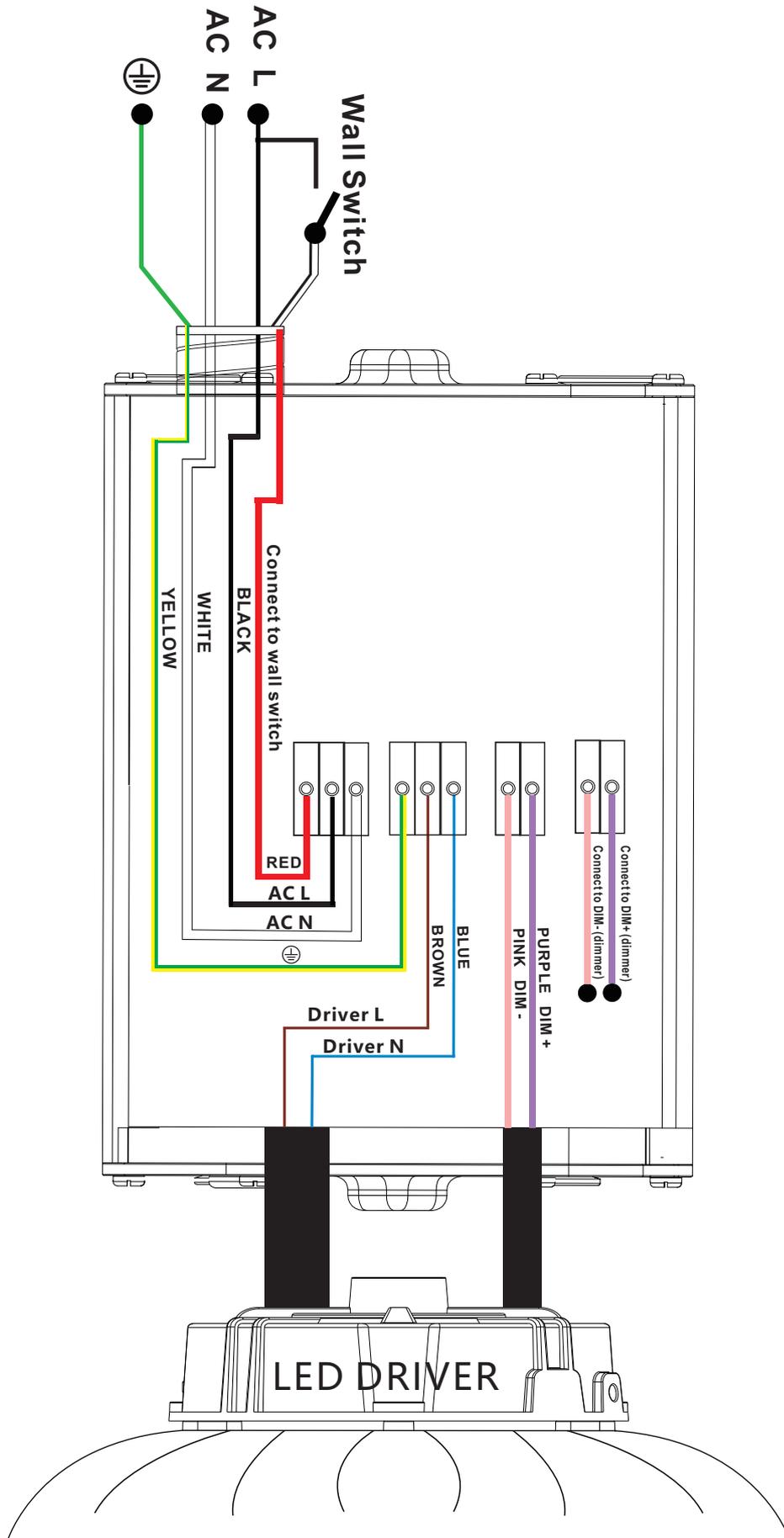
⑤ Signal receiver

⑥ M10 Hanging Hook Bolt

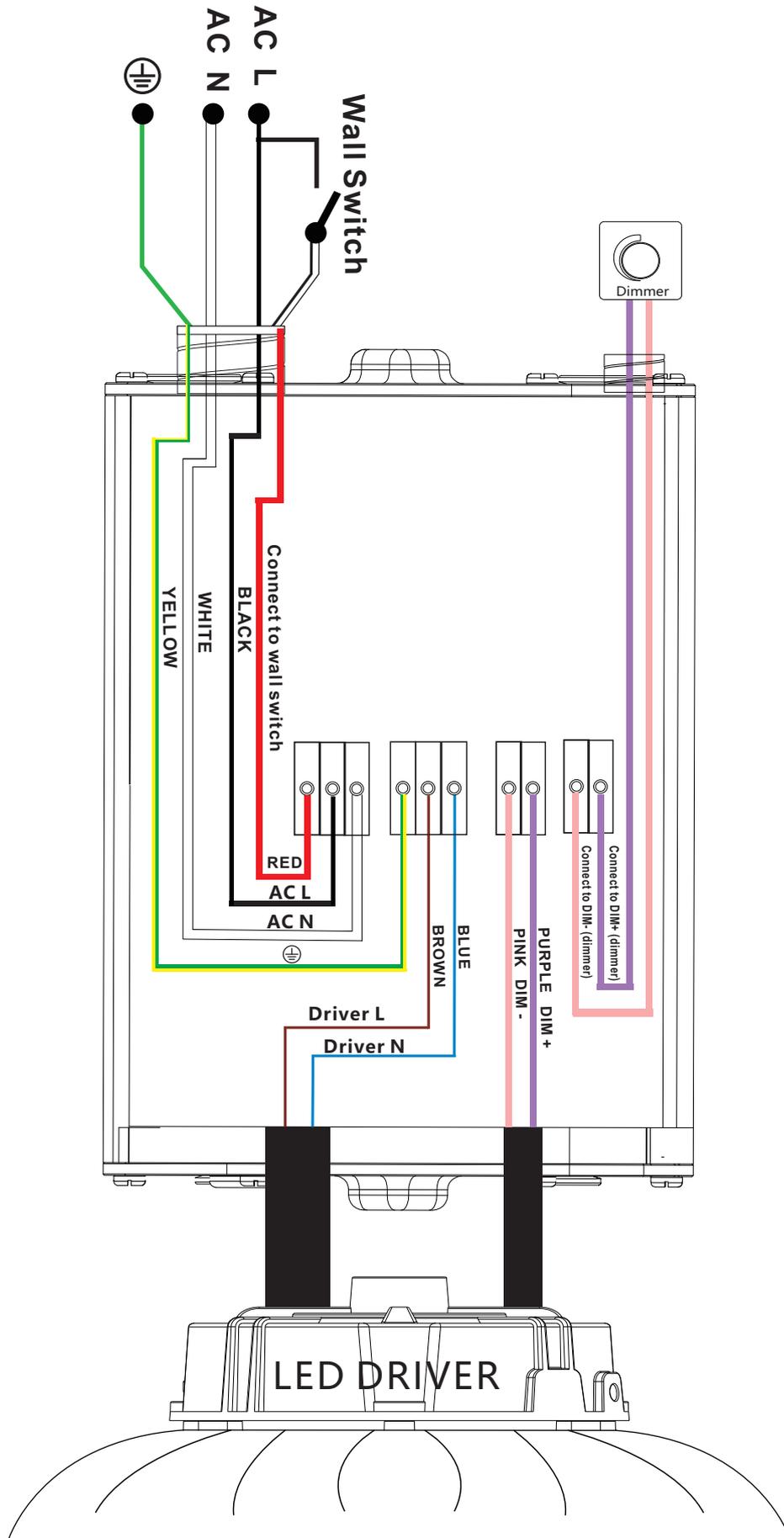
⑦ Junction box

# WIRING DIAGRAM

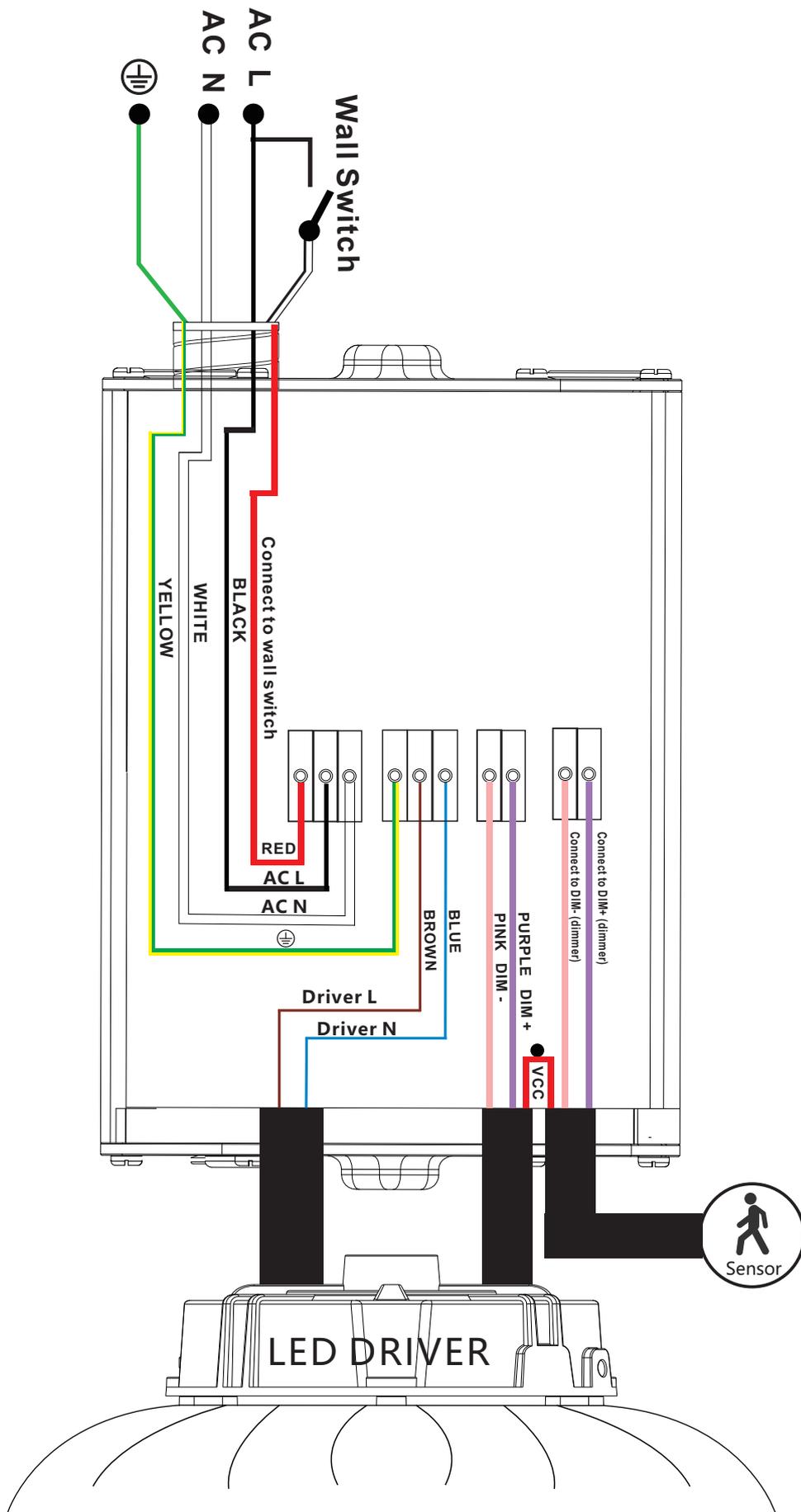
## 1.Normal



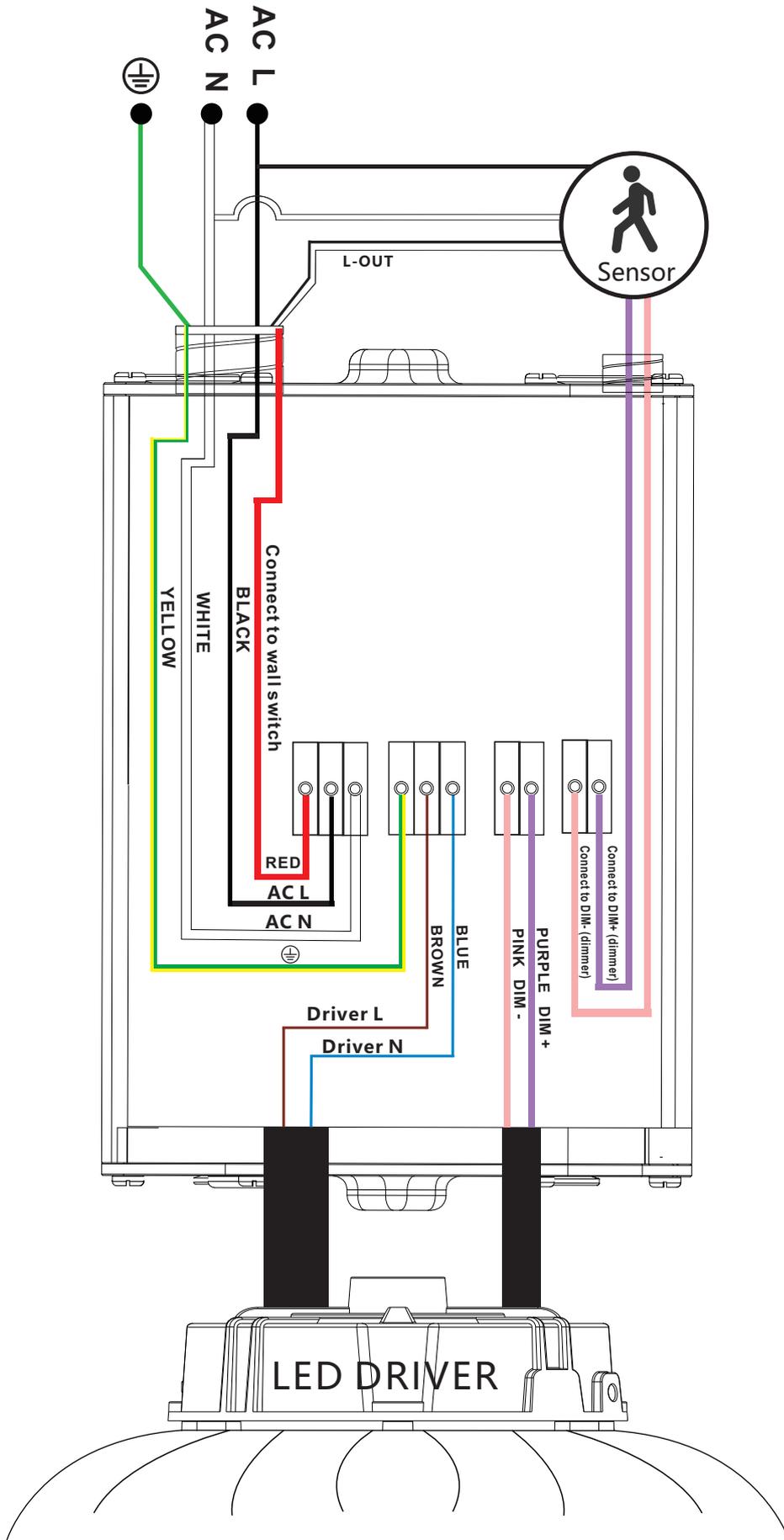
## 2.With Dimmer



### 3.With DC Sensor



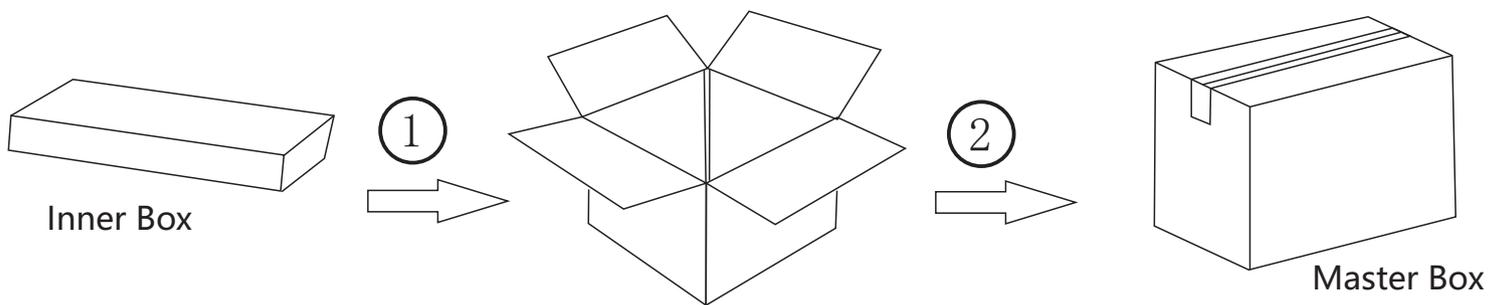
# 4. With AC Sensor



## SELF-TEST

- The emergency LED driver contains a control/monitor circuit which will perform 30-second discharge test once a month and a fully discharge test once a year. At this time, the unit simulate an AC power failure and automatically switch to emergency mode. During routine testing, the unit will monitor the operation of the LED load, battery voltage, and emergency duration, if the unit detect any problems, the indicator will fash quickly.

## Package



## Package information are as following forms

Power	Length(inch)	Width(inch)	Height(inch)	G.W(kg)	N.W(kg)	QTY(pcs)
25W	16.57"	11.81"	11.02"	13	11.5	4
30W	16.57"	11.81"	11.02"	14.5	12.8	4
40W	16.57"	11.81"	11.02"	15	13.5	4

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