PIERBORNE

EMERGENCY POWER VAULT

25W & 40W EM Driver (LED)
PBLEDEM-HV25/40

UL924 | DAMP LOCATION | UL LISTED

Illumination

- Provides voltage to the Input side of the connected load during emergency mode operation.
- Can be used with LED lamp/luminaire loads providing up to 25W and 40W of constant power in emergency mode.
- For use with switched or unswitched fixtures
- Optional remote available for manual testing

Elecrical

- Universal 120-347VAC, 50/60 Hz input
- 145VDC, 6A Max. Output
- Charge/Power "ON" LED indicator light and push-to-test switch for mandated code compliance testing
- Long-life, maintenance free, rechargeable Lithium battery
- With multi-protection function: overcharge; over-discharge; output overload; short-circuit and open load protection
- 90 Minute minimum emergency operating time over full temperature range
- Battery: Lithium
- 24 Hour maximum battery recharge time
- Monthly/Annual Self-testing

Housing

- Durable painted stamped aluminum construction
- Provided with 2' flex conduits

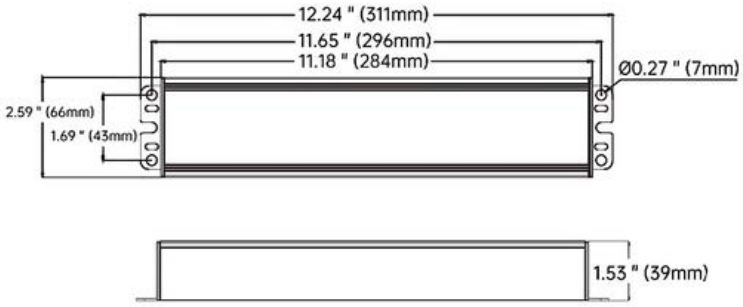
Warranty/Listing

- UL Listed for factory or field installation
- Suitable for damp locations (0°C - 50°C)
- 5 year warranty on all electronics and housing
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State codes
- Complies with FCC part 15, class B
- Certified to CEC under Title 20 Regulations

Mounting

- Suitable for installation on top or in remote of the fixture.

Dimensions



Model #	L (in.)	W (in.)	H (in.)	Weight (lbs)
PBLEDEM-HV	12.24	2.59	1.53	3.2

Ordering Information

Sample Part Model: PBLEDEM-HV25

Model #	Output Power
PBLEDEM-	

HV25 (25W)
HV40 (40W)

PIERBORNE

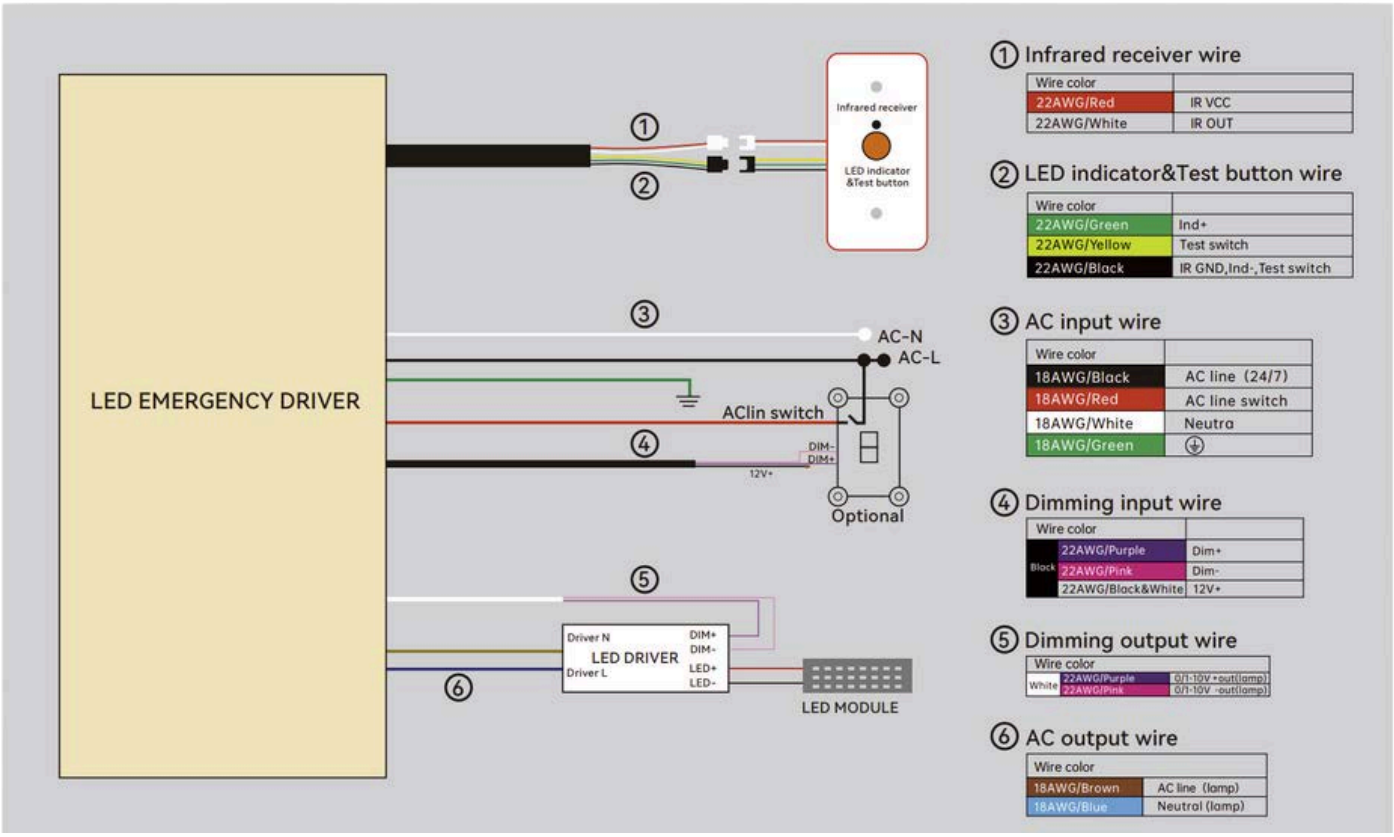
EMERGENCY POWER VAULT

Models	PBLEDEM-HV25	PBLEDEM-HV40
Emergency Wattage	25W	40W
Battery Capacity	14.8V/4400mAh	14.8V/6600mAh
Compatible LED Fixture	**25-200W LED lamp with 0-10V dimming or LED lamp less than 25W without 0-10V dimming**	**40-350W LED lamp with 0-10V dimming or LED lamp less than 40W without 0-10V dimming**

Wiring Diagram (0-10V Dimming)

A.: **WITH 0-10V DIMMER:** When the power of luminaire is **EQUAL TO or GREATER THAN** the power of the EM Driver, please use the wiring diagram below:

*The output dimming wires of the EM Driver must be connected with the input dimming wires of the LED Driver.



⚠ **WARNING: Sensor and Dimmer cannot be used at the same time.** ⚠

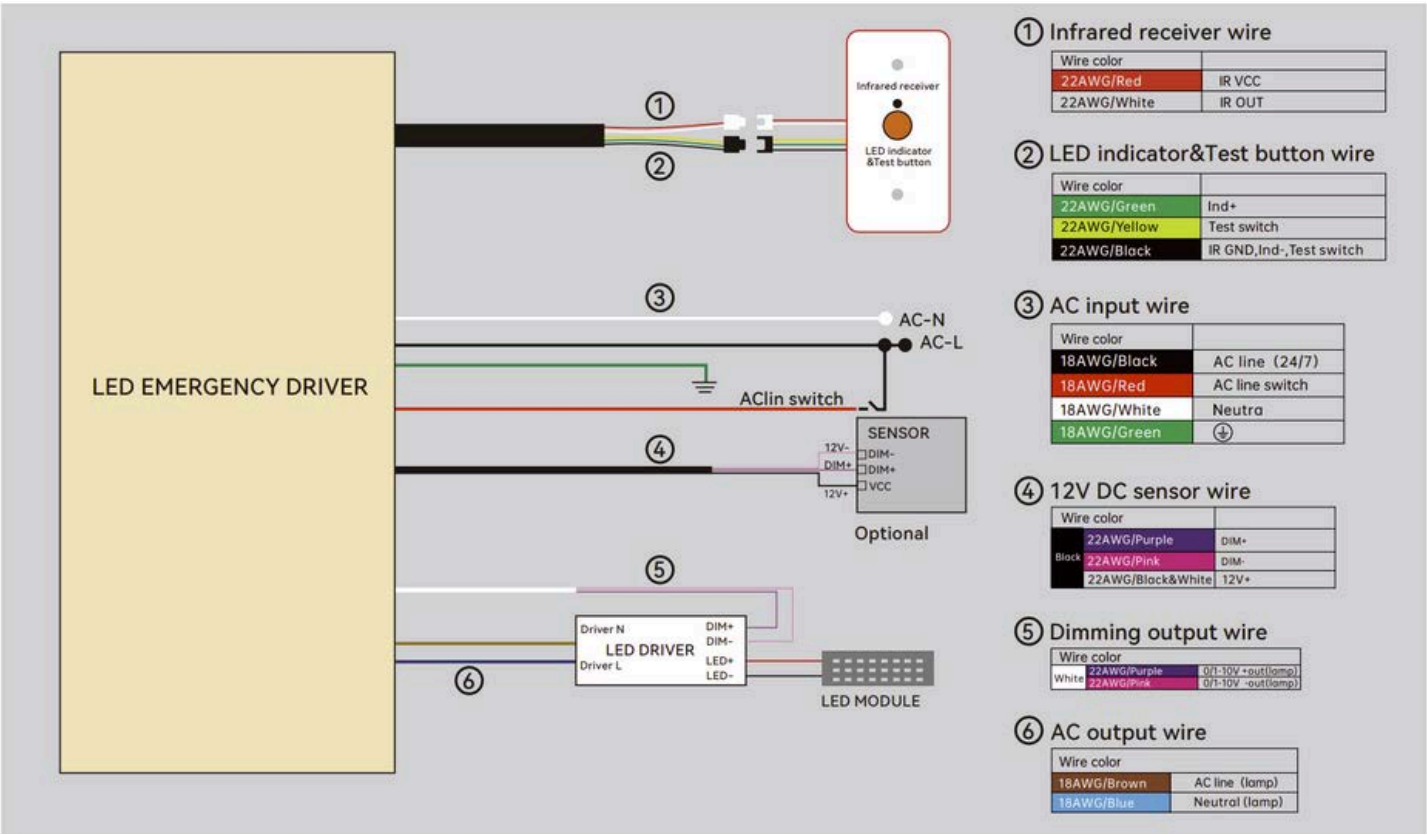
PIERBORNE

EMERGENCY POWER VAULT

Wiring Diagram (0-10V Wiring w/Sensor)

B.: **WITH SENSOR:** When the power of luminaire is **EQUAL TO or GREATER THAN** the power of the EM Driver, please use the wiring diagram below:

*The output dimming wires of the EM Driver must be connected with the input dimming wires of the LED Driver.



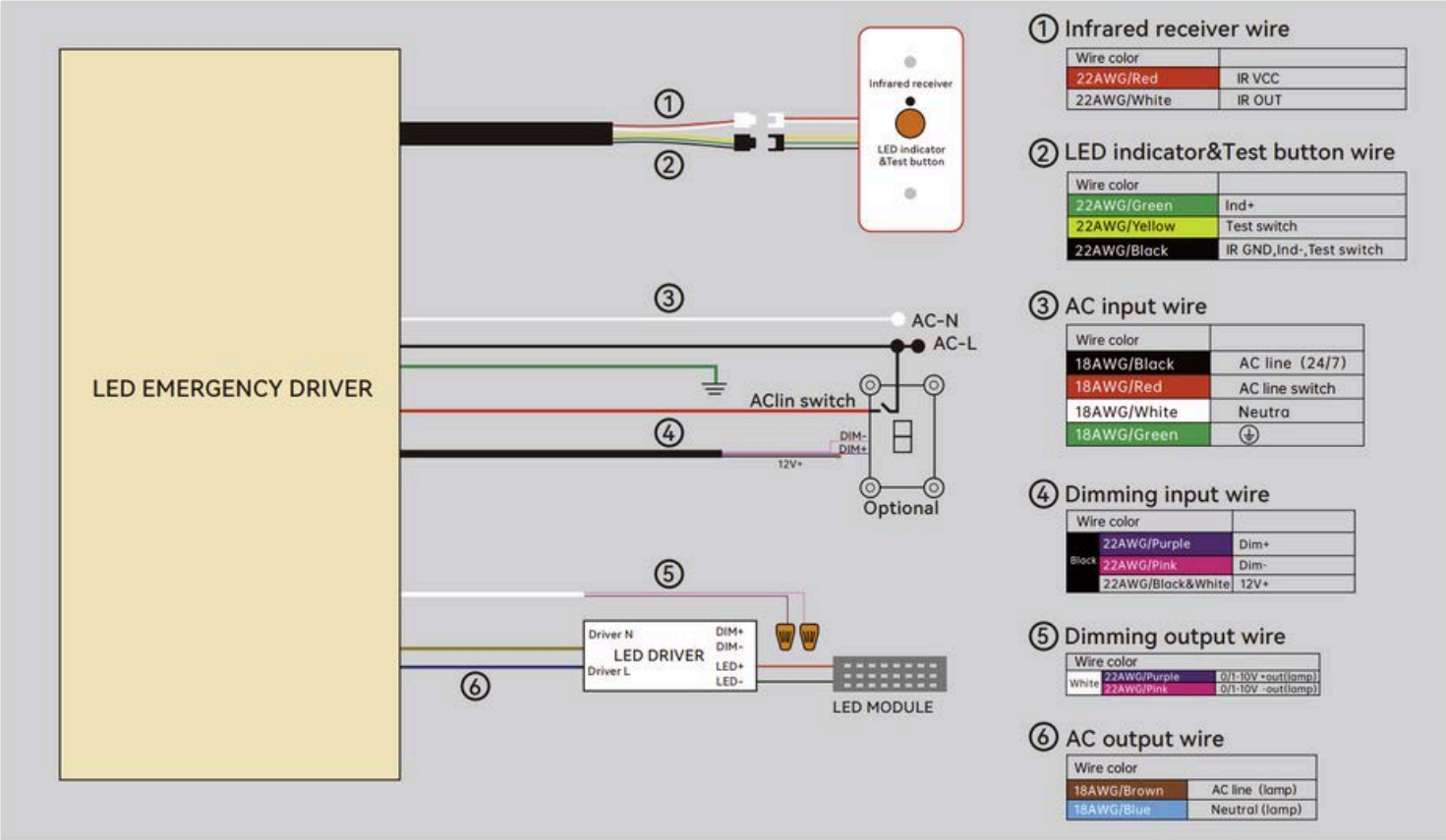
⚠ **WARNING: Sensor and Dimmer cannot be used at the same time.** ⚠

PIERBORNE

EMERGENCY POWER VAULT

C.: **WITH DIMMER:** When the power of luminaire is **LESS THAN** the power of the EM Driver, please use the wiring diagram below:

*The output dimming wires of the EM Driver must **NOT** be connected with the input dimming wires of the LED Driver.



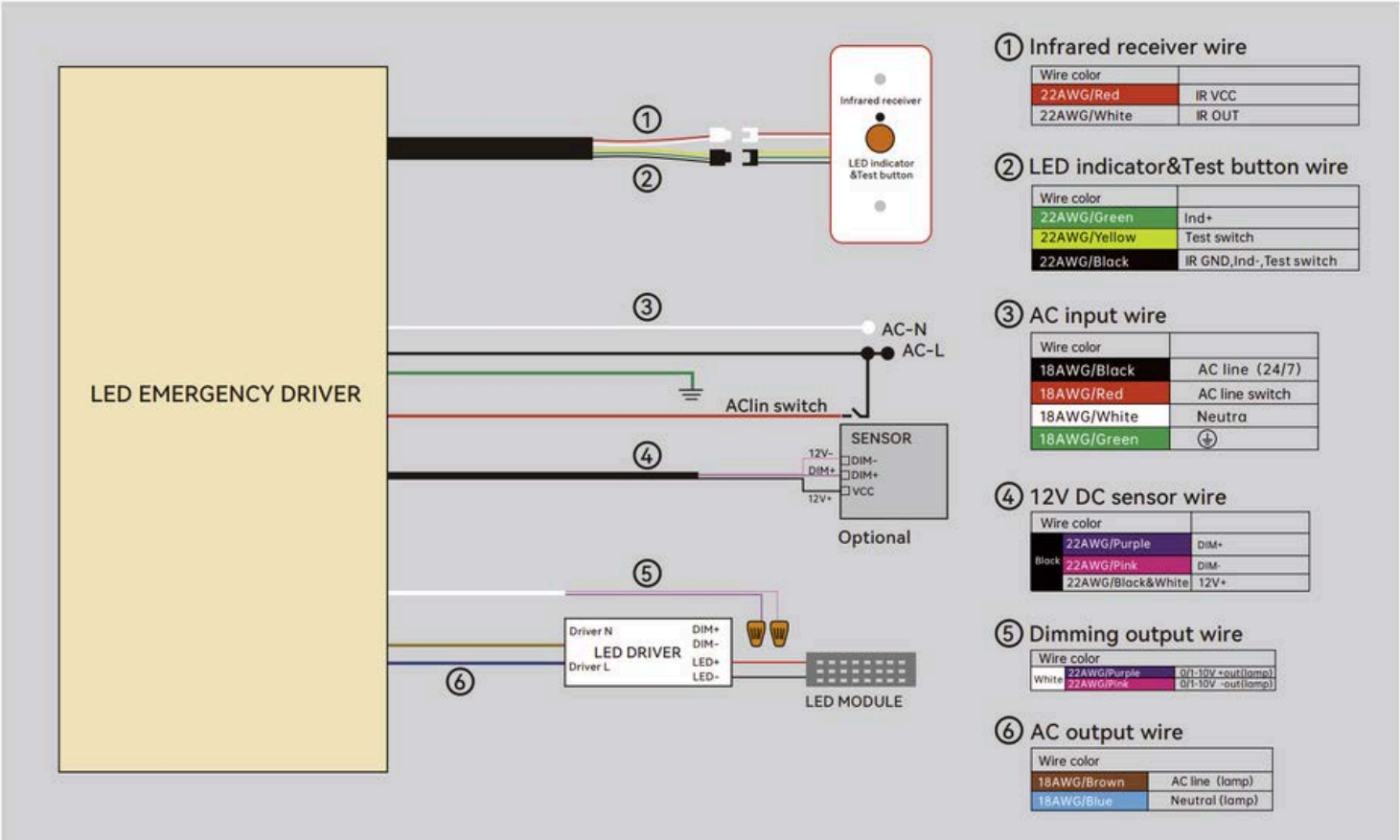
⚠ **WARNING: Sensor and Dimmer cannot be used at the same time.** ⚠

PIERBORNE

EMERGENCY POWER VAULT

D.: **WITH SENSOR:** When the power of luminaire is **LESS THAN** the power of the EM Driver, please use the wiring diagram below:

*The output dimming wires of the EM Driver must **NOT** be connected with the input dimming wires of the LED Driver.



⚠ **WARNING: Sensor and Dimmer cannot be used at the same time.** ⚠