

#### CONSTRUCTION

Red Metal Casing with multiple wire flex entry points.

Input-side:

- (3) removable watertight entries suitable for 1/2" NPT.

Output-side:

- (1) entry suitable for cable up to 0.393" OD for luminaire power input.

- (2) entries suitable for cable up to 0.341" OD for 0-10V Dimming & Sensor Wires.

#### **ELECTRICAL**

Universal Input: 100 ~ 347V AC, 50/60Hz

Input Current: 200mA
Recharge Power: 12W
Output Voltage: 170V DC
AUX Output: 12V DC = 0.2A
Surge Protection: Line-Neutral 3KV

Emergency Power: 40W

High Voltage Input: 277 ~ 480V AC 50/60Hz

Input Current: 200mA Recharge Power: 12W

Output Voltage: 310 ~ 500V DC AUX Output: 12V DC = 0.2A Surge Protection: Line-Neutral 3KV

Emergency Power: 40W

Self Diagnostic Li-ion Battery

Operating Temperature: 0°C ~ 50°C (32°F ~ 122°F)

Recharge Time: 24 Hours Discharge Time: 90 Mins

Optional Discharge Time: 120 Mins Extended Capacity Battery

Smart battery over built-in temperature, over charge, over discharge protections.

#### **SELF-TESTING**

The integrated Self-Diagnostic circuitry will automatically conduct monthly 30s and annual 90mins tests to verify proper emergency capability per Life Safety Code requirements.

NFPA 101, Life Safety Code Outlines the following schedule:

**Monthly** - During AC mode, the system conducts a 30s self-discharge test of the emergency led driver every 30 days and automatically restore to normal charging after 30s discharged.

**Annually** - During AC mode, the system conducts a 90mins self-discharge test of the emergency led driver every 365 days and automatically restore to normal charging after fully discharged.

### CERTIFICATION

IP65 Wet location label standard. UL924 Certified and Listed. CEC T20 Certified and Listed.

#### WARRANTY

5 year warranty, see Limited Warranty for additional information.

Client: Project: Type: Quantity:









Safety Cable (Included)

Hook Eye + Ring (Included)







Remote Control (Optional)







ORDER INFORMATION EXAMPLE: EMB-40W

Part Series Device Part Discharge Time

**EMB** 

A SERIES

**EMB** High Voltage Output Smart Emergency Battery

B POWER

 Code
 Power
 Input Voltage
 Output

 40W
 40W
 100 ~ 347V AC
 170V DC

**40W-500** 40W 277 ~ 480V AC 310 ~ 500V DC

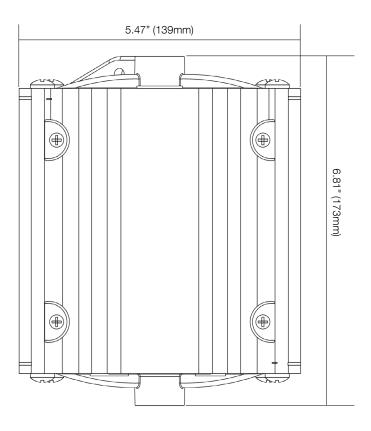
C EMERGENCY BATTERY DISCHARGE TIME

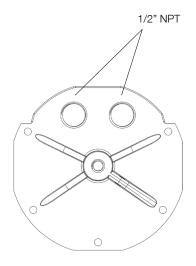
**blank** 90-Minute Battery (default battery)

**E** 120-Minute Extended Capacity Battery

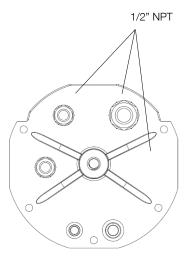


### **DIMENSIONS**





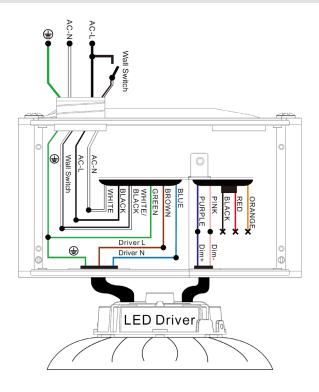




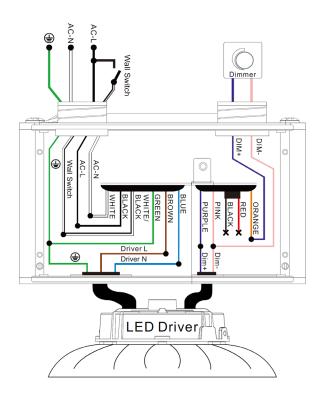
Output Side



## **WIRING DIAGRAM**



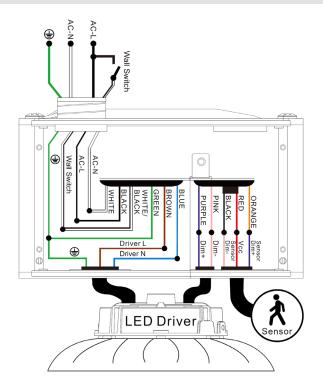
On/Off Switch
No Sensor/Dimmer



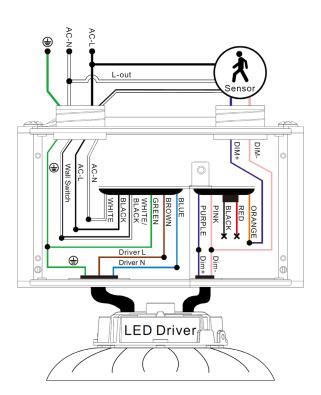
On/Off, Wall Dimmer Switch



# WIRING DIAGRAM (CONTINUED)



Wiring with DC Sensor



Wiring with AC Sensor