

## IP65 WET LOC EMERGENCY BATTERY

Client:  
Project:  
Type:  
Quantity:

### 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

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.



Safety Cable (Included)



Hook Eye + Ring (Included)



Water Tight Connector  
(Included)



Remote Control  
(Optional)



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ORDER INFORMATION	EXAMPLE: EMB-40W
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Part	Series	Device Part
	EMB	25W

<b>A</b>	SERIES
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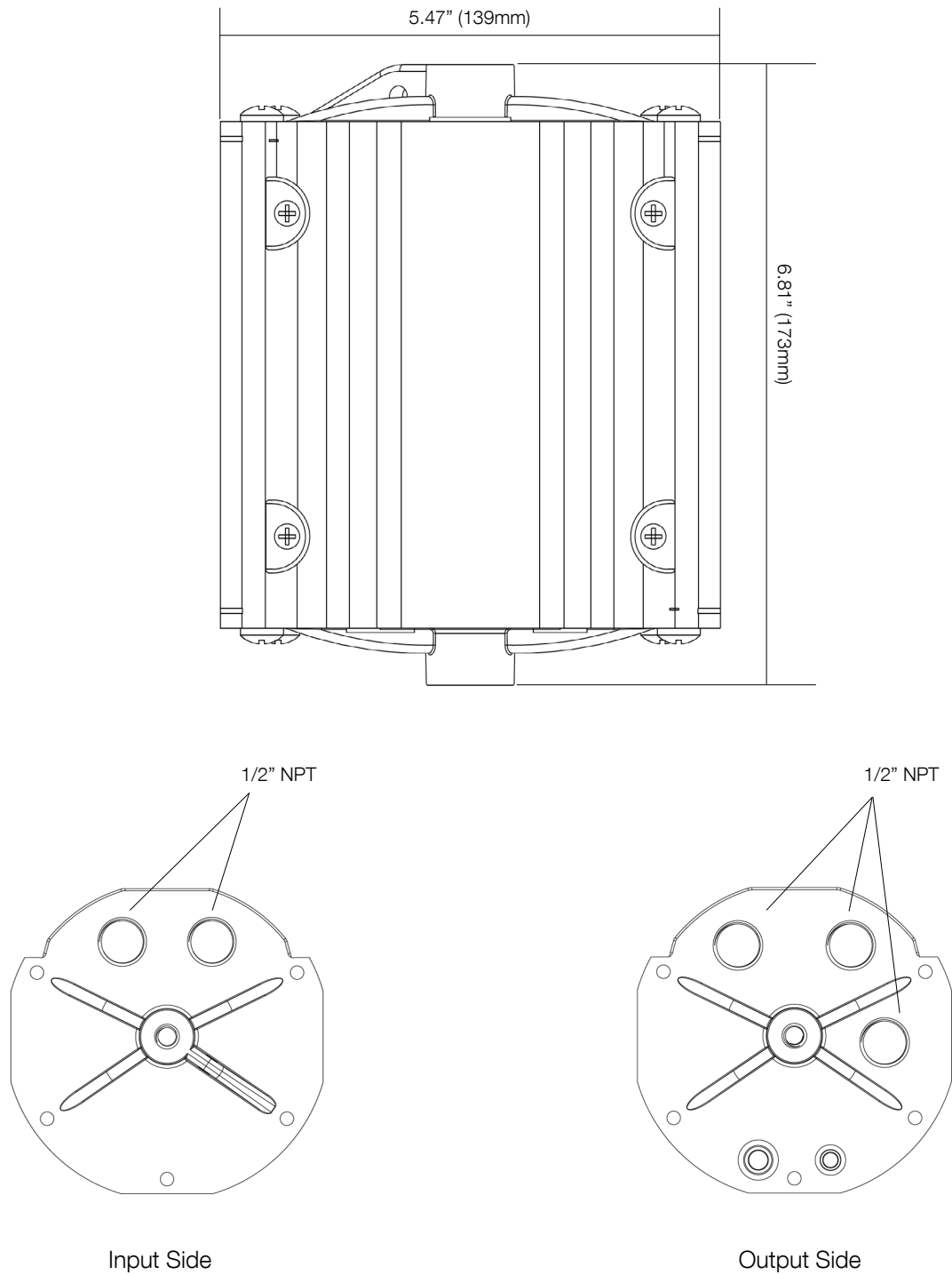
EMB	High Voltage Output Smart Emergency Battery
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<b>B</b>	POWER
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Code	Power	Input Voltage	Output
40W	40W	100 ~ 347V AC	170V DC
40W-500	40W	277 ~ 480V AC	310 ~ 500V DC

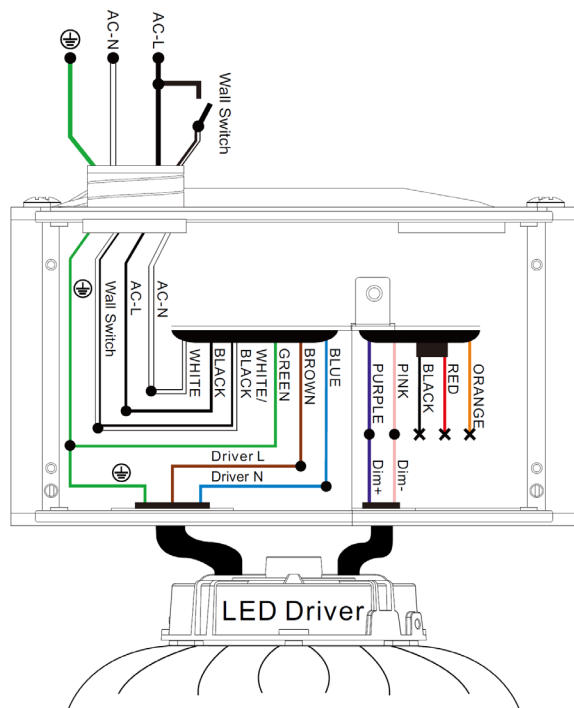
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### DIMENSIONS

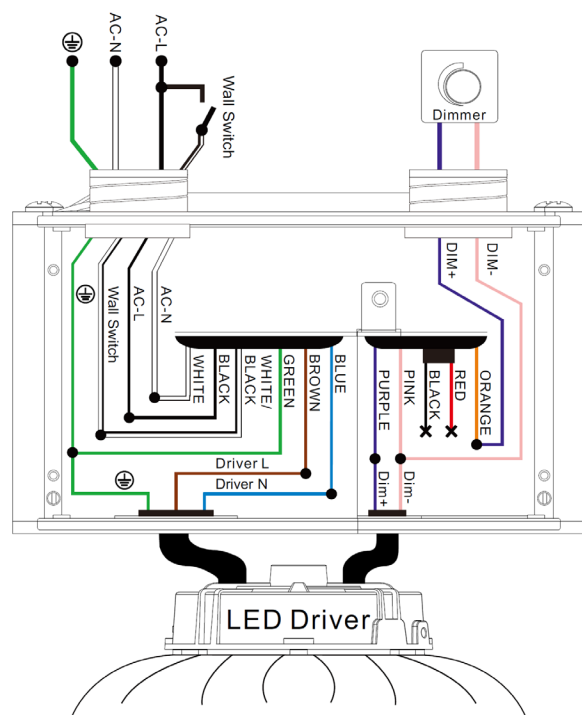


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### WIRING DIAGRAM



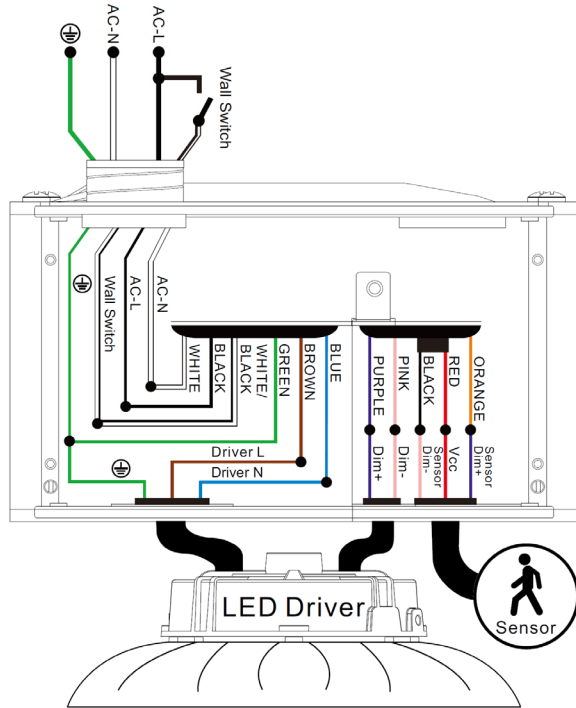
On/Off Switch  
 No Sensor/Dimmer



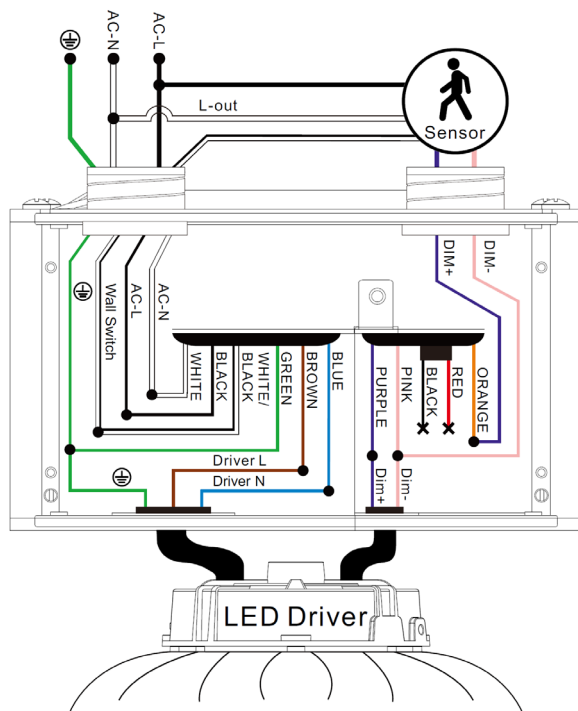
On/Off, Wall Dimmer Switch

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### WIRING DIAGRAM (CONTINUED)



Wiring with DC Sensor



Wiring with AC Sensor