

# LED Emergency Backup Drivers



EMB-9

EMB-15



EMB-25

8W, 15W, 25W for 0-10V(9W-200W)  
Dimming Fixtures. 100-277V AC, 145V DC



50,000 HOURS



DAMP RATED



0-10V DIMMING



120-347V



SELF TEST



BATTERY BACKUP

PROJECT:

DATE:

TYPE:

PREPARED BY:



## KEY FEATURES

- Constant power, AC solution emergency battery for most 9W-350W LED luminaires
- Output voltage of 145 VDC
- Lithium-ion battery that provides 90 minutes of emergency run time and recharges within 24 hours
- UL Listed for field or factory installation
- Meets or exceeds all NEC, IBC, and Life Safety Code Emergency Lighting Requirements
- CEC Title 20 Compliant
- 5-Year Limited Warranty

## PERFORMANCE

Catalog Number	Input Power	Emergency Wattage	Input Voltage	Input Current	Output Voltage	Luminaire Power	Ambient Temp.	Battery	Recharge Time	Emergency Time	Dimming	Warranty
EMB-9	8W	9W		80mA		9-80W LED lamp with 0-10V dimming or LED lamp less than 9W without 0-10V dimming						
EMB-15	8W	15W	120-347V	80mA	145Vdc	15-120W LED lamp with 0-10V dimming or LED lamp less than 15W without 0-10V dimming	32-122°F (0-50°C)	Lithium-ion 14.8V/1800mAh	24 hrs	90 min.	0-10V	5-Year Limited
EMB-25	10W	10W		150mA		25-200W LED lamp with 0-10V dimming or LED lamp less than 25W without 0-10V dimming						

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

**Product Type**  
LED Emergency Driver

**Enclosure Material**  
Steel Case

**Finish**  
Red Finish

### ELECTRICAL

**Dimmable**  
Yes, dimmable down to 10% on compatible TRIAC/ELV on 120V and 0-10V on 120-277V dimming systems.

**Driver**  
Constant Power 120V-347V 50/60 Hz;  
8W & 15W:  
120V: 0.0339mA  
208V: 0.0212mA  
240V: 0.0196mA  
277V: 0.0189mA

25W:  
120V: 0.0553mA  
208V: 0.033mA  
240V: 0.0304mA  
277V: 0.0286mA

**Input Voltage**  
120V-347V

**Output Voltage**  
145Vdc

**Operating Frequency**  
50/60 Hz

**Operating Temperature**  
0°F to 122°F (0°C to 50°C)

**Power Factor**  
0.84

**Battery**  
Lithium

**Surge Protection**  
Battery overcharge protection  
Battery over-discharge protection  
Output overload protection  
Short-circuit protection  
Open load protection

**Emergency Operation**  
90 minutes

**Battery Recharge Time**  
24 hours

### COMPLIANCE

**Listings**  
Listed to UL924. For field or factory installation (Indoor and Damp)

**Environment**  
Suitable for use indoors and outdoors in dry and damp environments.

**California Title 20 JA8 Compliant**  
Can be used to conform with the requirements of California Title 20.

**California Energy Commission (CEC)**  
Lawful for Sales in California.

**NFPA Approved**  
Compliance with American National Fire Protection Association (NFPA) 101 life Safety Code

**IESNA LM-79 & LM80 Testing**  
RAB LED Luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

**RoHS**  
Mercury and UV free. RoHS-compliant components.

**FCC**  
Complies with Part15 of the FCC Rules.

### COMPATIBLE PRODUCTS

**These emergency drivers are compatible with 0-10V dimming and non-dimmable lamps and luminaires.**

EMB-9: Compatible with 9-80W LED with 0-10V dimming or LED less than 9W without 0-10V dimming.

EMB-15: Compatible with 15-120W LED with 0-10V dimming or LED less than 15W without 0-10V dimming.

EMB-25: Compatible with 25-200W LED with 0-10V dimming or LED less than 25W without 0-10V dimming.

**Panels & Troffers:**  
T34FA-[1X4][2X2][2X4]  
Back-lit flat panel (*non-LCB models only*)

EZP-[1X4][2X2][2X4]  
Edge-lit flat panel (*non-LCB models only*)

SWISHFA-[1X4][2X2][2X4]  
Center basket troffer, field-adjustable (*non-LCB models only*)

C-SWISH-[1X4][2X2][2X4]  
Eco-friendly center basket troffer, field-adjustable (*non-LCB models only*)

SWISH[AIR]-[1X4][2X2][2X4]  
Center basket troffer, field-adjustable (*non-LCB models only*)

SWISH34-[1X4][2X2][2X4]  
Center basket troffer, field-adjustable (*non-LCB models only*)

*"Not compatible with some downlight families such as: DISK34, DISK17, WFD34, SUMO-R."*

### OTHER

**Warranty**  
The RAB 5-year, limited warranty covers light output, driver performance and paint finish.

RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

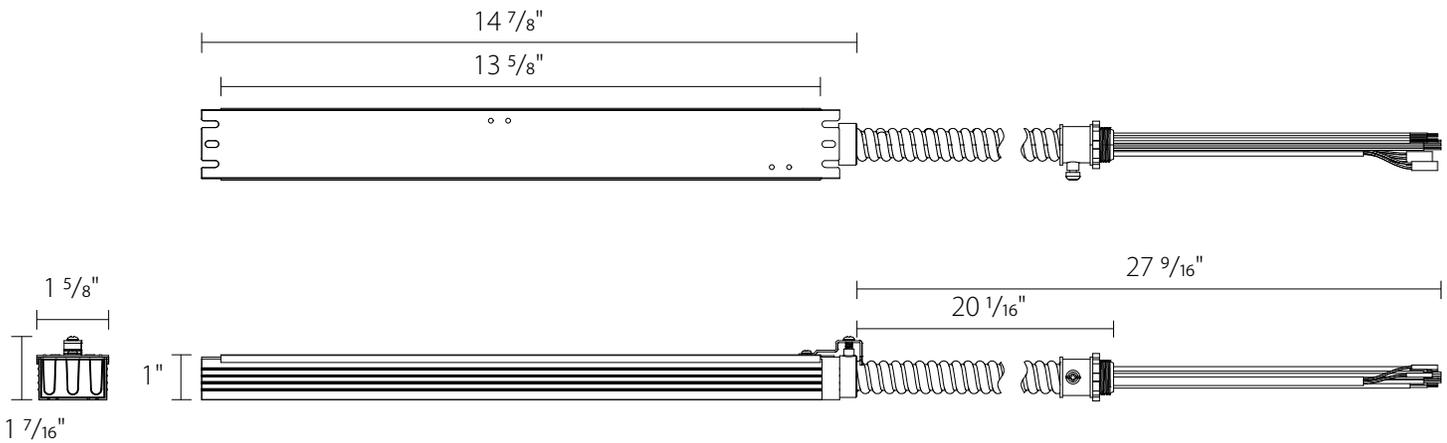
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## DIMENSIONS

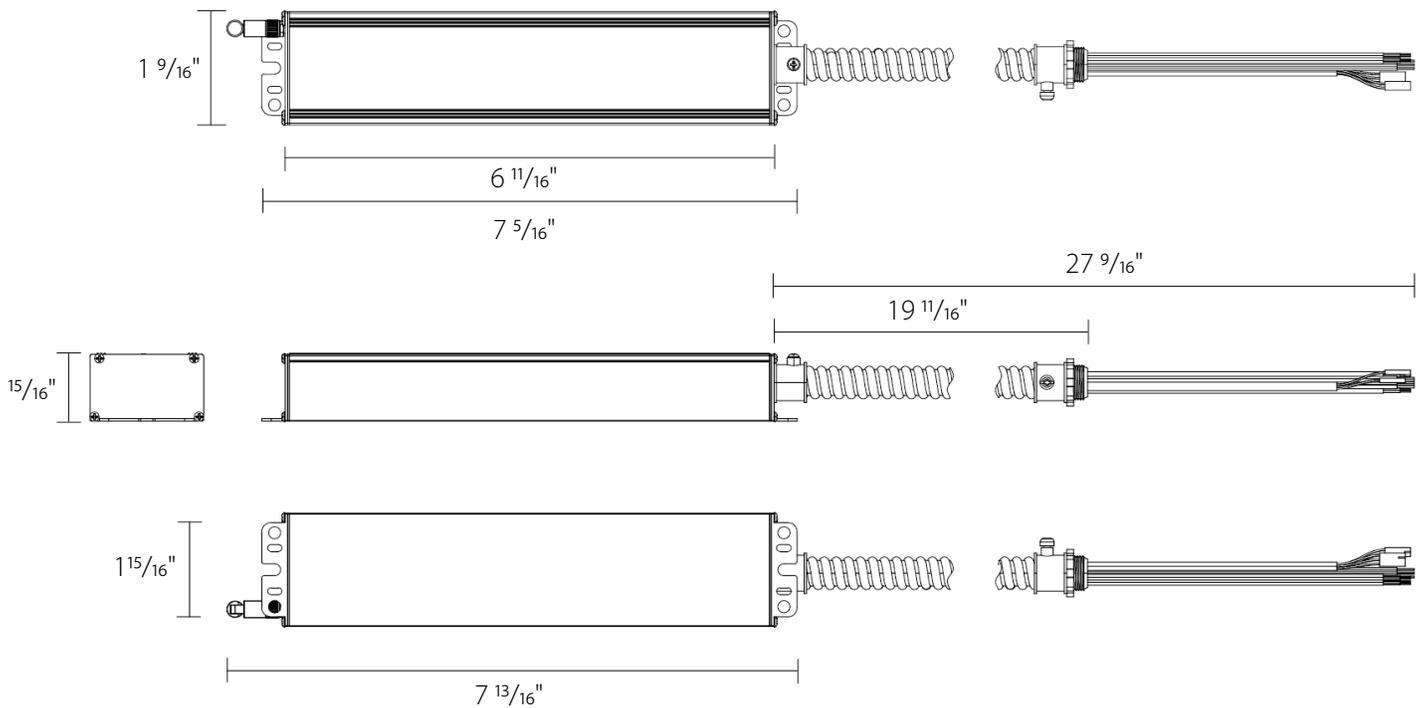
### EMB9 & EMB15

Weight: 1.59 lbs



### EMB25

Weight: 2.38 lbs

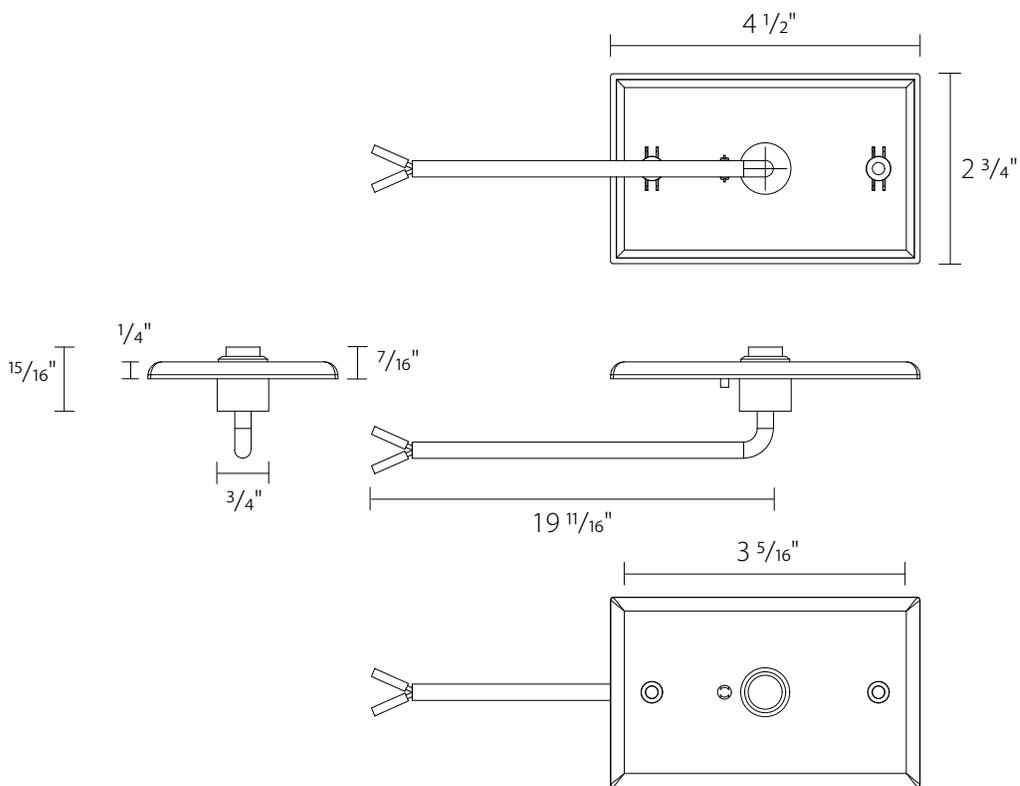


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## DIMENSIONS (CONT)

### Test Switch Dimensions



## ORDERING INFO

Catalog Number	UPC	Case Pack
EMB-9	192552051184	15
EMB-15	192552051194	15
EMB-25	192552051200	15

## ORDERING MATRIX

Product Family	Wattage	Input Voltage	Dimming
<b>EMB</b>	<div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <b>9</b> 9W <b>15</b> 15W <b>25</b> 25W	<div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <b>Blank</b> 120-347V	<div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <b>Blank</b> 0-10V Dimmable