

LED Emergency Backup Drivers

RAB



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



120-277V



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)	Li-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

INSTALLATION

Compatible Fixture

EMB-9

- 9-80W LED lamp with 0-10V dimming or LED lamp less than 9W without 0-10V dimming

EMB-15

- 15-120W LED lamp with 0-10V dimming or LED lamp less than 15W without 0-10V dimming

EMB-25

- 25-200W LED lamp with 0-10V dimming or LED lamp less than 25W without 0-10V dimming

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

Compliance with American 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.

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.

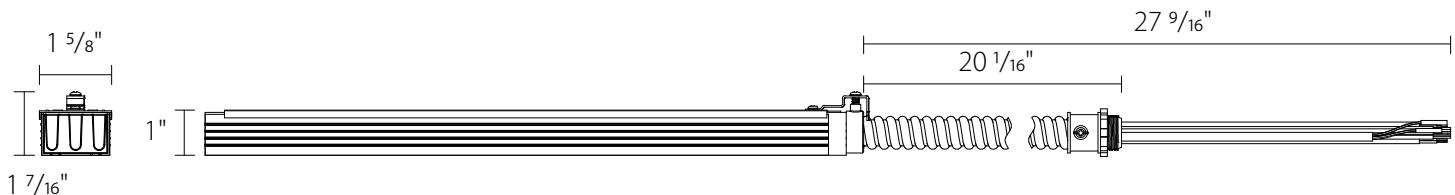
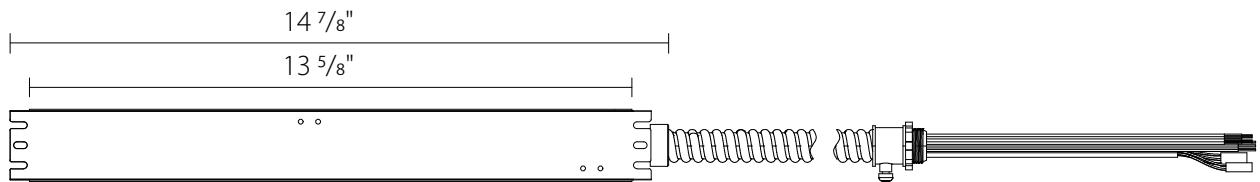
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DIMENSIONS

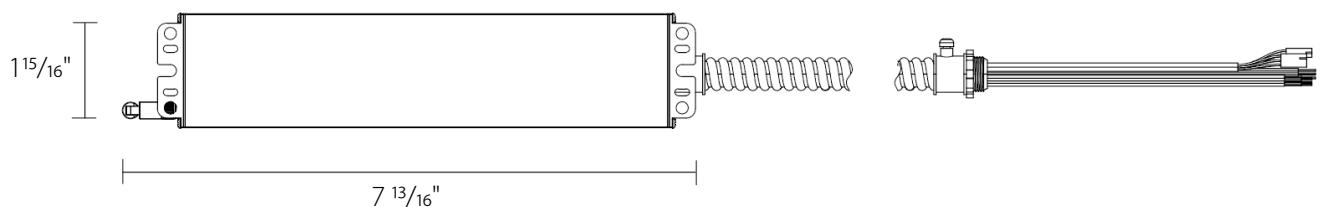
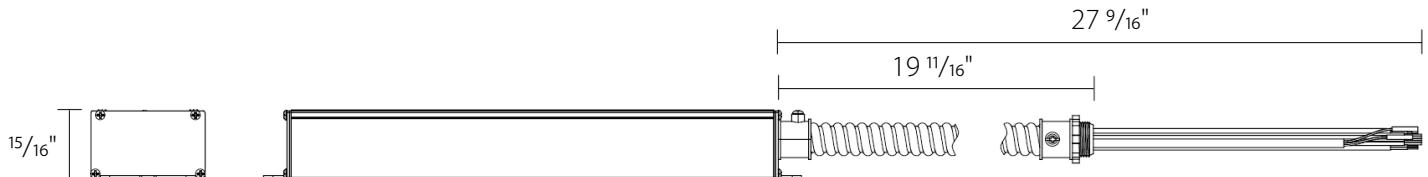
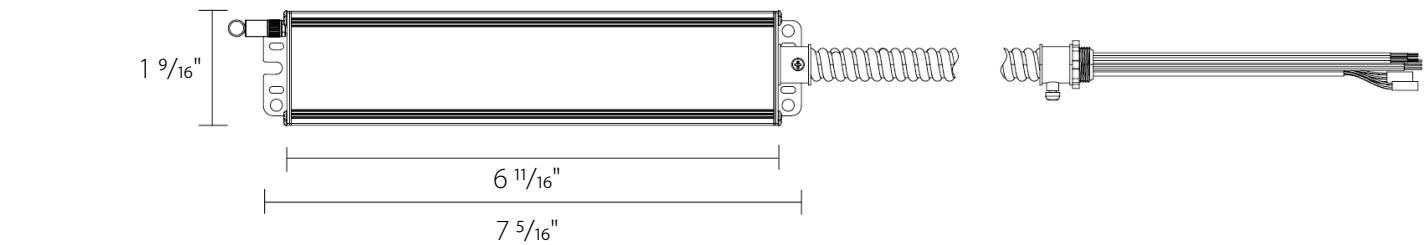
EMB9 & EMB15

Weight: 1.59 lbs



EMB25

Weight: 2.38 lbs

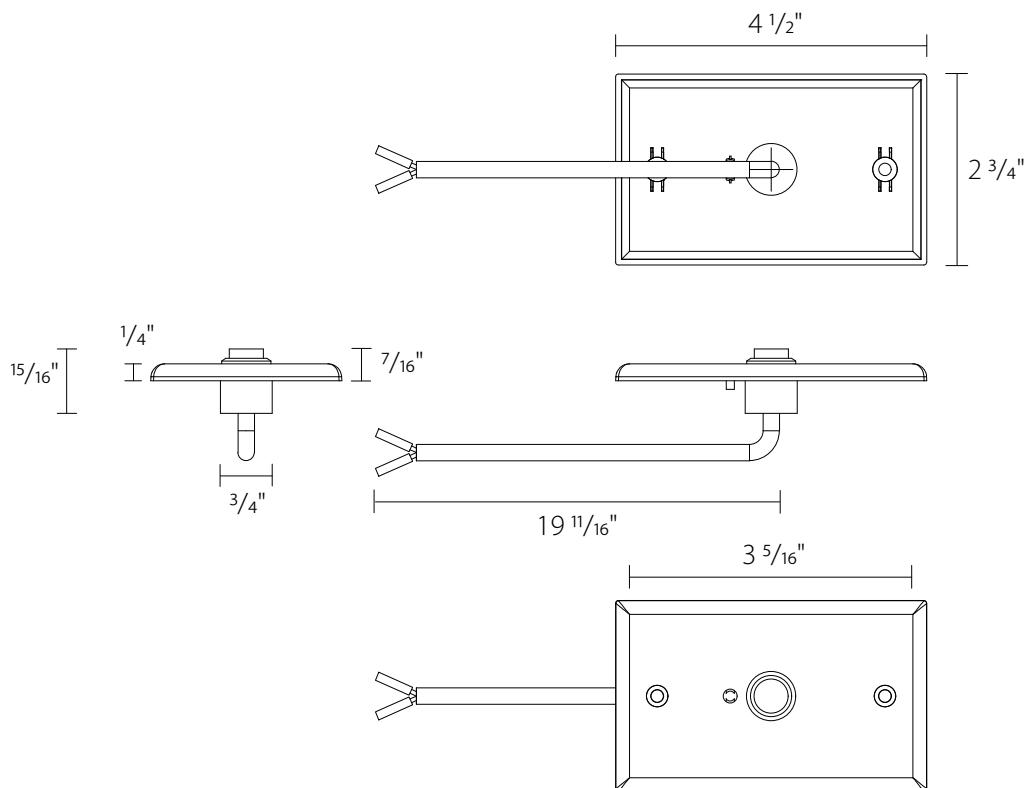


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DIMENSIONS (CONT)

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	Emergency Wattage	Input Voltage	Dimming
EMB	-		
	9	9W	
	15	15W	
	25	25W	
		Blank	100-277VAC
			Blank
			0-10V Dimmable