Emergency Backup Remote Driver

RAB

PROJECT:

DATE:

TYPE:

PREPARED BY:

UL LISTED

RoHS

5 YEAR WARRANTY NO COMPROMISE

CAN BE USED TO COMPLY WITH
TITLE 24 PART 6
HIGH EFFICACY LED LIGHT SOURCE REQUIREMENTS

UL CERTIFIED
Certified to UL924

1 SKU with 15 options

| CCT ADJUSTABLE | WATTAGE ADJUSTABLE | DAMP RATED | BATTERY BACKUP | RoHS | FCC COMPLIANT | 50,000 HOURS | 120V |

KEY FEATURES

- 2-in-1, compatible with both conventional power supply function and emergency power supply function
- Ideal design for LED downlights; built-in junction box
- 3 selectable wattages and 5 selectable CCTs
- Emergency power is 4.2W for 90 minutes, lithium battery
- Battery protections: over charge protection, over discharge protection, short circuit protection
- Indicator light shows a variety of different status modes
- Constant power, self testing

TECHNICAL SPECIFICATIONS

ELECTRICAL

Input Voltage
120V,50/60Hz

Input Power
DC30-36V

Output Voltage
120V

Output Current
≤390mA

Emergency Power
4.2W

Power
15/12/9W selectable

Recharge Time
24 hours

Discharge Time
90 minutes

Battery
i-ion battery

Battery
i-ion battery

Ambient Temp
5°C to 50°C(41°F to 122°F)

CCT
2700/3000/3500/4000/5000 selectable

COMPLIANCE

Listings
UL8750, UL924, CSA C22.2 NO.141

Environment
Suitable for use indoors in dry and damp environments.

California Title 24 JA8 Compliant
Yes

RoHS
Mercury and UV free. RoHS-compliant components.

FCC
Complies with Part 15 of the FCC Rules

OPERATION

Normal Mode
AC power is present. The AC driver operates the LED load as designed. The emergency driver is charging in a standby mode. The charging indicator light is red, showing that the battery is charging.

Emergency Mode
When the AC power goes out, the emergency driver detects the AC power outage and automatically switch to emergency mode. The LED luminaire is illuminated for a minimum of 90 minutes.

When the AC power is restored, the emergency driver switches the system back to the Normal Mode and resumes battery charging
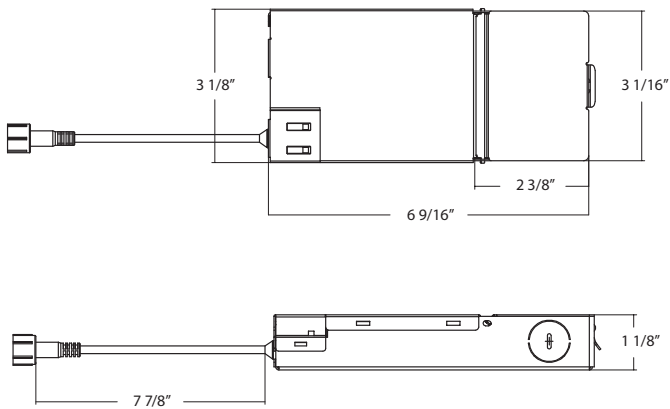
OTHER

Warranty
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.
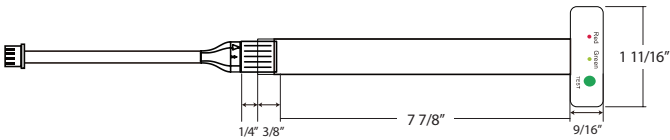
RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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DIMENSIONS

DRI-EMB-15S-LV

Skinny Film Test Switch

ORDERING INFO

Catalog Number	UPC	Case Pack
DRI-EMB-15S-LV	192552045650	20

ORDERING MATRIX

Family	Battery Backup	Wattage/CCT	Installation Type
DRI	**EMB**	**15S**	**LV**
	EMB — Emergency Backup	15S — 15/12/9/W selectable and 2700/3000/3500/4000/5000K selectable	LV — 30-36Vdc Low Voltage

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DOWNLIGHT COMPATIBILITY LIST

Visit www.rablighting.com for periodic updates to this list or contact us at 888-722-1000 for questions or comments.

EM Driver Catalog Number	Compatible Downlight Catalog Number	Compatible Output Wattage required (15/12/9W)	Note
DRI-EMB-15S-LV	WFR17-4	9W	Do not exceed rated output wattage
	WFR17-4B	9W	
	WFR17-6	12W	
	WFR17-6B	12W	
	WFRL4R99FA120WS	9W	
	WFRL4R99FA120WB	9W	
	WFRL4R99FA120WBS	9W	
	WFRL4R99FA120BS	9W	
	WFRL4R99FA120BB	9W	
	WFRL4R10.59FA120WS	9W	
	WFRL4R10.59FA120WB	9W	
	WFRL5R129CCT120WS	12W	
	WFRL5R129CCT120WB	12W	
	WFRL6R139FA120BS	12W	
	WFRL6R139FA120BB	12W	
	WFRL6R139FA120WS	12W	
	WFRL6R139FA120WB	9W	
	WFRL6R149FA120WB	12W	
	WFRL6R139FA120WBS	12W	
	WFRL6R149FA120WS	12W	
	WFRL8R239FA120WS	15W	
	WFRL8R239FA120WB	15W	
	WFRL4S99FA120WS	9W	
	WFRL4S99FA120WB	9W	
	WFRL6S139FA120WS	12W	
	WFRL6S139FA120WB	12W	
	WFRLA4R89FA120WS	9W	
	WFRLA6R129FA120WS	12W	
	WFRX-4D	12W/9W	
	WFRX-4BD	12W/9W	

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DOWNLIGHT COMPATIBILITY LIST (CONT.)

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EM Driver Catalog Number	Compatible Downlight Catalog Number	Compatible Output Wattage required (15/12/9W)	Note
DRI-EMB-15S-LV	WFRX-6D	15W/12W	Do not exceed rated output wattage
	WFRX-6BD	15W/12W	
	FWAFER4	9W	
	FWAFER6	12W	
	FWAFER4B	9W	
	FWAFER6B	12W	
	FGIMBAL4	9W	
	FGIMBAL6	12W	
	WFD4B	9W	
	WFD6B	12W	
	WFD4	9W	
	WFD6	12W	
	ORB4	9W	
	ORB6	12W	
	HA4	9W	
	HA6	12W	