| Project Name:	
Type:	

RCEL-800

Exit Sign & Emergency Lighting
Wireless Reporting Compatible

PRODUCT FEATURE

- Recessed ceiling and recessed wall mount
- Full angle adjustable lamp head
- High temperature long life Ni-MH battery
- Extrusion aluminium alloy trim plate
- Acrylic panel changeable design
- 6" height letter
- Suitable for damp location
- Slim type design
- Self-test/self-diagnostics function available
- Remote capability design with additional battery
- 30 Degree beam angel
- Compatible with LynxEM™ testing/reporting system
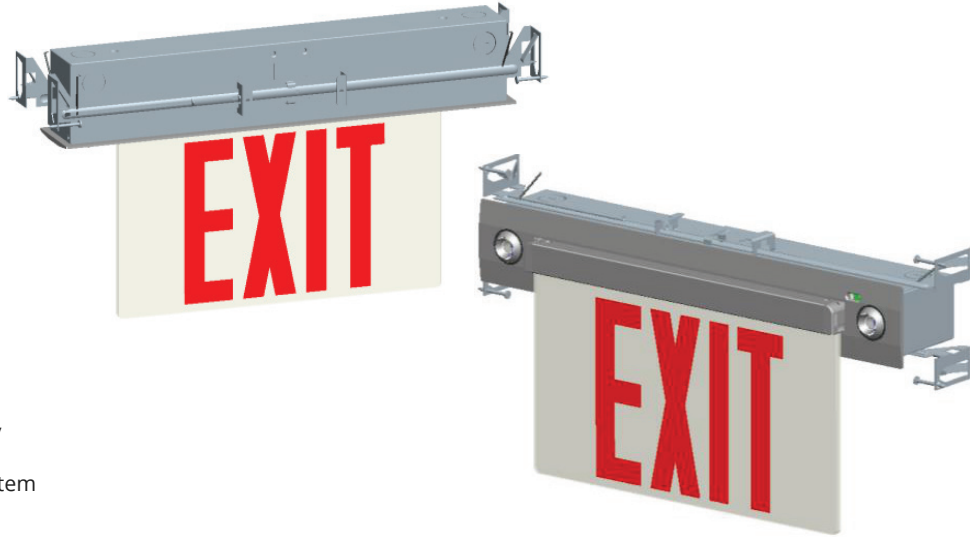
TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION

Rated Power Supply	:	120/277 VAC 60Hz
Charge Time	:	24 hours
Discharge duration	:	1.5 hours
Test facility	:	Manual test/ Self-test/ LynxEM™ testing
Mounting	:	Recessed ceiling and recessed wall
LED	:	High power LED for lamp head, SMD LED for sign
Luminance of safety sign	:	Meet UL 924
Ambient temperature	:	10°C - 40°C, suitable damp location
Insulation Class	:	Class I
Certification	:	UL 924

RELATED PRODUCTS

🔗 SCEL8000 Emergency Light

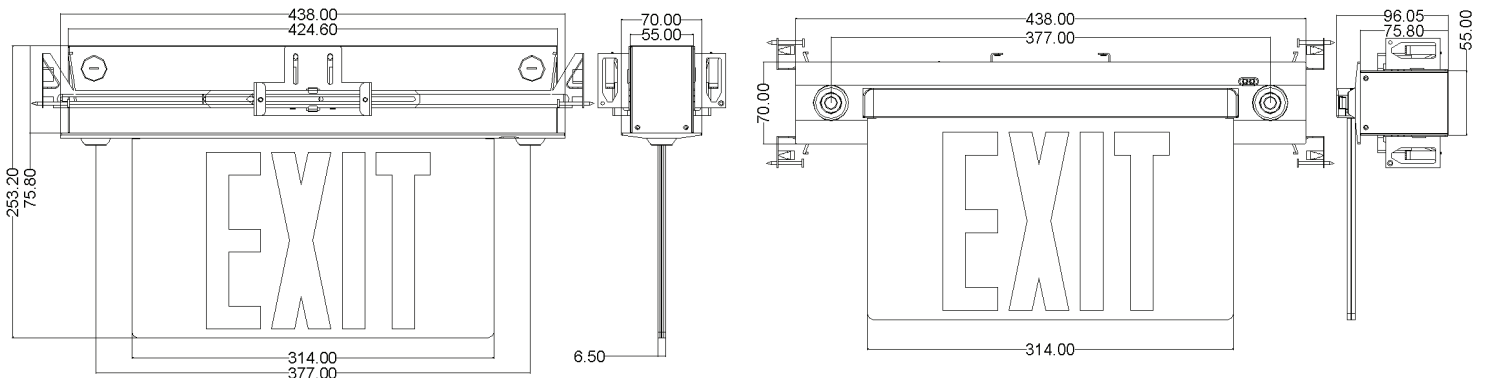🔗 EXL-700 Emergency Lighting

🔗 EXL-1960 Emergency Lighting

WARRANTY

- See Limited Warranty Policy for more additional information

ORDER INFORMATION: *EXAMPLE:* RCEL-800-S-R(G)-XX-ZD-HO-RC-U

RCEL-800	-		-		-		-		-		-		-		-
MODEL	**FACE**		**LETTER**		**EXIT PLATE FINISHED**		**TRIM PLATE FINISHED**		**SELF-DIAGNOSTICS**		**BATTERY CAPACITY**		**REMOTE CAPABILITY**		**PANEL NUMBER**	
RCEL-800	**S**	Single face	**R**	Red	**BLANK**	Clear	**AL**	Aluminum	**BLANK**	Standard Circuitry	**BLANK**	3.6V 1800mAh 250Lm output	**BLANK**	No Remote Capability	**BLANK**	Standard Type
	D	Double face	**G**	Green	**(M)**	Mirrored	**WH**	White	**CT**	Self-diagnostic	**HO**	3.6V 2500mAh 400Lm output	**RC**	3.6V max. 3W remote capability	**U**	Providing additional EXIT Panel
							BK	Black	**ZD**	CT with LynxEM™ Wireless Testing Reporting System						

* Double Face (only for mirror background)
* Single Face (both for clear and mirrored background)

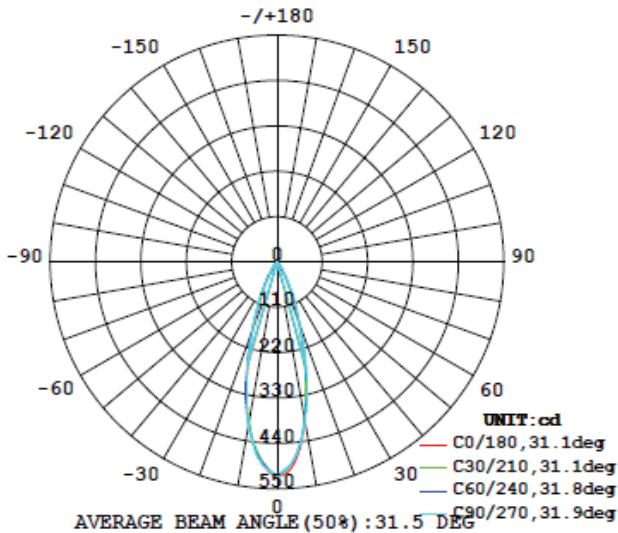## PRODUCT DIMENSION

ANZ367

RCEL-800

Exit Sign & Emergency Lighting
Wireless Reporting Compatible

LUMINOUS INTENSITY DISTRIBUTION

UNIT:cd
C0/180,31.1deg
C30/210,31.1deg
C60/240,31.8deg
C90/270,31.9deg
AVERAGE BEAM ANGLE(50%):31.5 DEG

CENTER TO CENTER SPACING

NFPA 101 requires 1.0 foot-candle average and 0.1 foo t-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100 feet long, 9 feet ceiling with a 6 feet wide walkway and 3 feet path of egress.

The reflectance are 80% ceiling, 50% walls and 20% floor. The fixture mounting height is 7.5 feet.

Mounting height

Center to center spacing

1 FC average

0.1 FC min.

3 ft
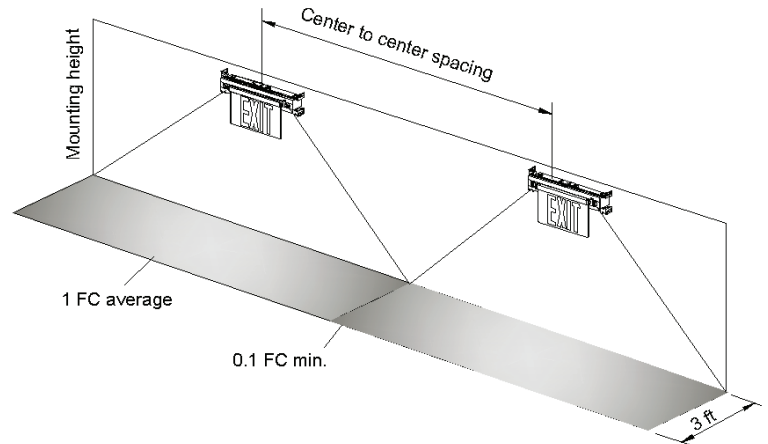
No.	MODEL	SPACING @ 7.5 FEET MOUNTING HEIGHT	SPACING @ 10 FEET MOUNTING HEIGHT
1	RCEL-800-X	34 feet	40 feet
2	RCEL-800-X-HO	42 feet	48 feet

PRODUCT INSTALLATION EXPLODED
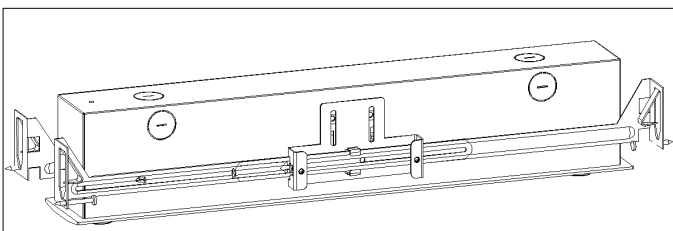
Step 1: Install canopy to junction box.

Wiring AC Lead
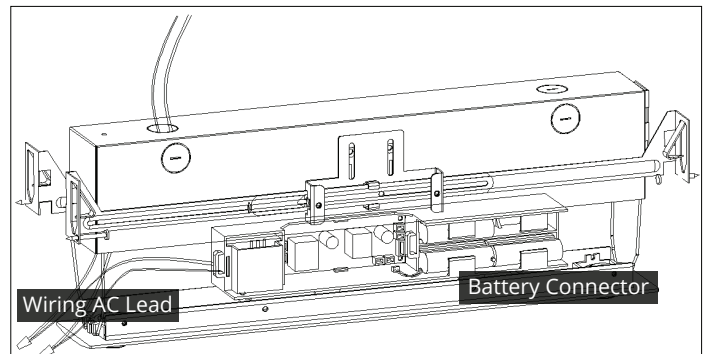
Battery Connector

Step 2: Separate trim module and connect battery connector to PCBA

Light bar connector

Screws (M3*15)
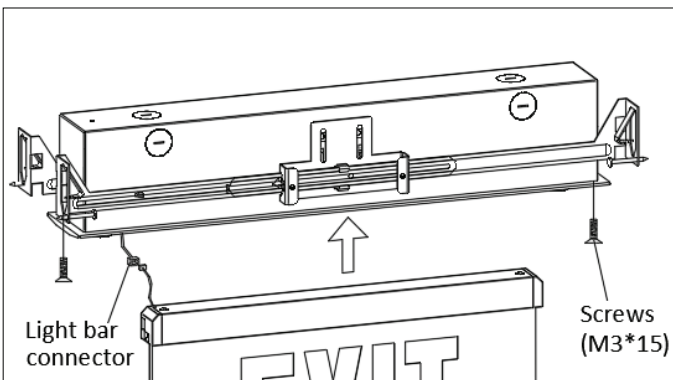
Step 3: Push the unit back to the junction box, assembly panel module.
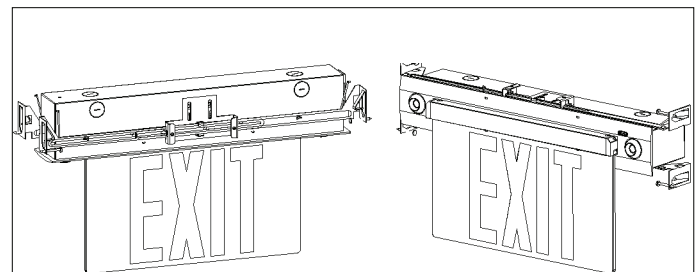
Step 4: Ceiling or surface mount for panel module.

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Rev. **12/21/2021**

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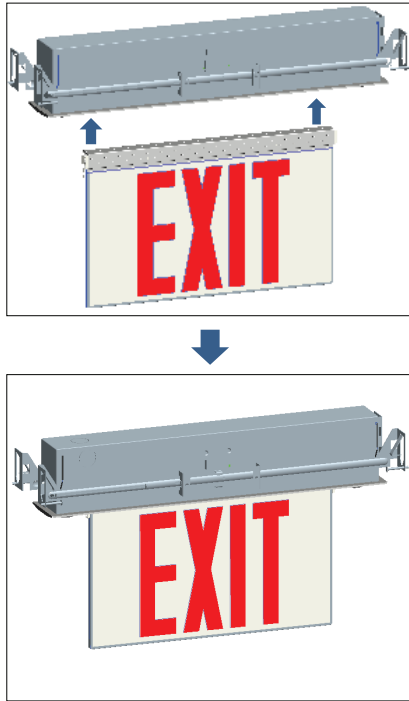
ANZ367

RCEL-800
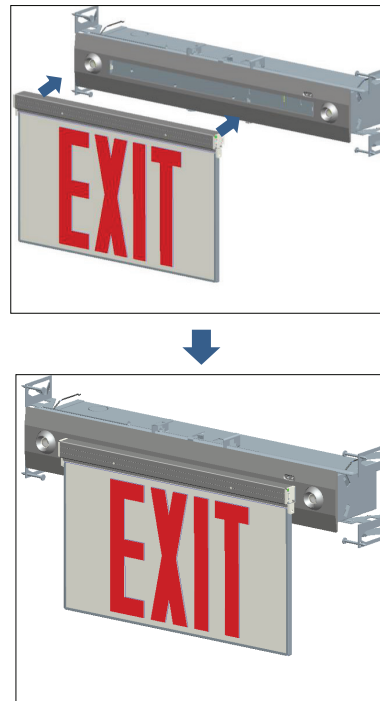Exit Sign & Emergency Lighting
Wireless Reporting Compatible

RECESSED CEILING OR RECESSED WALL MOUNT

RECESSED CEILING MOUNT

RECESSED WALL MOUNT

PACKAGING

INNER BOX	:	475 x 215 x 110mm
CARTON BOX	:	490 x 445 x 240mm
QTY	:	4 PCS
N.W	:	9.10 KGS
G.W	:	11.2 KGS
MEA'S	:	1.88 CUFT

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