

RCEL-8000

Emergency Lighting Combo

PRODUCT FEATURE

- Recessed ceiling and recessed wall mount
- High temperature long life Ni-MH battery
- Acrylic panel changeable design
- Suitable for damp location
- Self-test / self-diagnostics function available
- 30 degree beam angle
- Compatible with LynxEM™ testing/reporting system.
- Full angle adjustable lamp head
- Extrusion aluminum alloy trim plate
- 8" height letter
- Slim type design
- Remote capability design with additional battery
- DUAL AC input model optional

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

- ◊ [RCER880 Edge-li Combo](#)
- ◊ [SCEL8000 Emergency Light](#)
- ◊ [EXL-700 Emergency Lighting](#)
- ◊ [EXL-1960 Emergency Lighting](#)

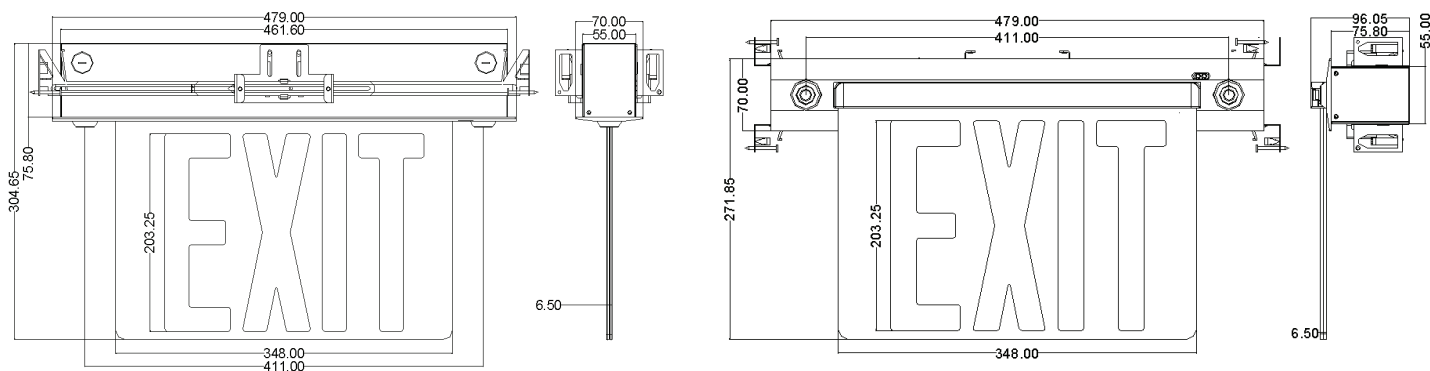
WARRANTY

- See [Limited Warranty Policy](#) for more additional information

ORDER INFORMATION: EXAMPLE: RCEL-8000-S-G(M)-WH-ZD-HO-RC-U

MODEL	FACE	LETTER	EXIT PANEL BACKGROUND	TRIM PLATE FINISHED	SELF-DIAGNOSTICS	BATTERY CAPACITY	REMOTE CAPABILITY	PANEL NUMBER
RCEL-8000	S Single face D Double face	R Red G Green	BLANK Clear (M) Mirrored	AL Aluminum WH White BK Black	BLANK Standard Circuitry CT Self-diagnostic ZD LynxEM® Wireless testing/ Reporting System	Blank 3.6V 1800mAh 250Lm output HO 3.6V 2500mAh 400Lm output	BLANK No Remote Capability RC 3.6V max. 3W remote capability	BLANK Standard Type U Providing additional EXIT Panel

PRODUCT DIMENSION



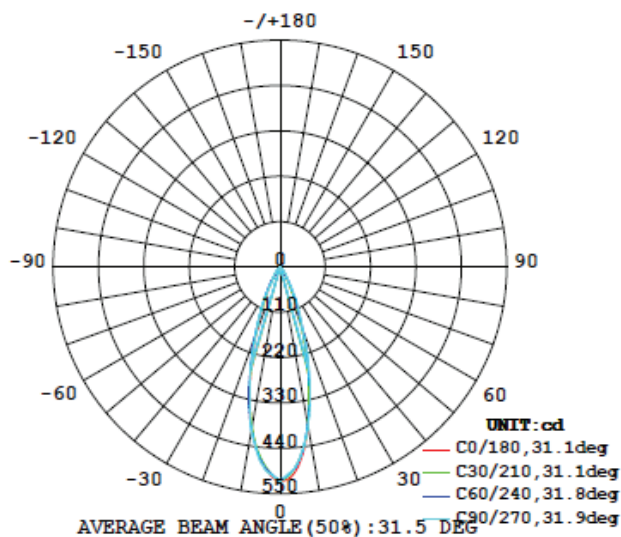
RCEL-8000

Exit Sign & Emergency Lighting
Wireless Reporting Compatible

MODEL LIST AND ELECTRICAL RATING

MODEL	NORMAL SUPPLY	BATTERY	HOUSING COLOR	OUTPUT
RCEL-8000-S-R(G)-XX(-U)	120/277Vac 60Hz	NI-MH 3.6V AA 1800mAh	Manual test	1.5W*2PCS, 250Lm
RCEL-8000-S-R(G)-XX-RC(-U)	120/277Vac 60Hz	NI-MH 3.6V AA 1800mAh*2	Manual test	1.5W*2PCS, 250Lm
RCEL-8000-S-R(G)-XX-HO(-U)	120/277Vac,60Hz	NI-MH 3.6V SC 2500mAh	Manual test	2.5W*2PCS, 400Lm
RCEL-8000-S-R(G)-XX-HO-RC(-U)	120/277Vac 60Hz	NI-MH 3.6V SC 2500mAh*2	Manual test	2.5W*2PCS, 400Lm
RCEL-8000-S-R(G)-XX-CT(-U)	120/277Vac 60Hz	NI-MH 3.6V AA 1800mAh	Self-test	1.5W*2PCS, 250Lm
RCEL-8000-S-R(G)-XX-CT-RC(-U)	120/277Vac,60Hz	NI-MH 3.6V AA 1800mAh*2	Self-test	1.5W*2PCS, 250Lm
RCEL-8000-S-R(G)-XX-CT-HO(-U)	120/277Vac,60Hz	NI-MH 3.6V SC 2500mAh	Self-test	2.5W*2PCS, 400Lm
RCEL-8000-S-R(G)-XX-CT-HO-RC(-U)	120/277Vac,60Hz	NI-MH 3.6V SC 2500mAh*2	Self-test	2.5W*2PCS, 400Lm
RCEL-8000-S-R(G)-XX-ZD(-U)	120/277Vac 60Hz	NI-MH 3.6V AA 1800mAh	LynxEM™ testing	1.5W*2PCS, 250Lm
RCEL-8000-S-R(G)-XX-ZD-RC(-U)	120/277Vac,60Hz	NI-MH 3.6V AA 1800mAh*2	LynxEM™ testing	1.5W*2PCS, 250Lm
RCEL-8000-S-R(G)-XX-ZD-HO(-U)	120/277Vac,60Hz	NI-MH 3.6V SC 2500mAh	LynxEM™ testing	2.5W*2PCS, 400Lm
RCEL-8000-S-R(G)-XX-ZD-HO-RC(-U)	120/277Vac,60Hz	NI-MH 3.6V SC 2500mAh*2	LynxEM™ testing	2.5W*2PCS, 400Lm

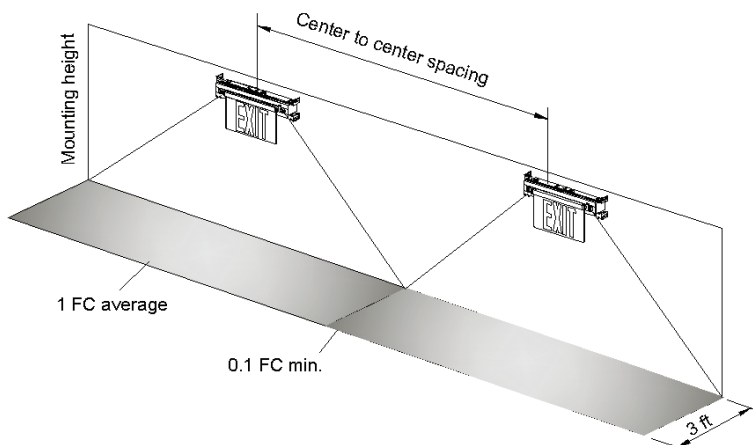
LUMINOUS INTENSITY DISTRIBUTION



CENTER TO CENTER SPACING

NFPA 101 requires 1.0 foot-candle average and 0.1 foot-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.



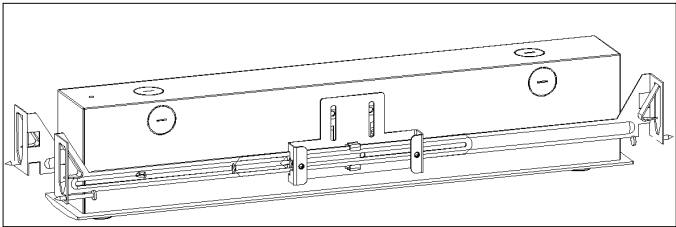
No.	MODEL	SPACING @ 7.5 FEET MOUNTING HEIGHT	SPACING @ 10 FEET MOUNTING HEIGHT
1	RCEL-800-X	34 feet	40 feet
2	RCEL-800-X-HO	42 feet	48 feet

RCEL-8000

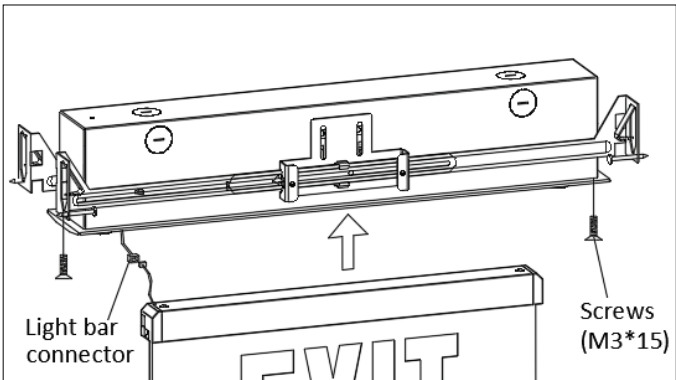
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PRODUCT INSTALLATION EXPLODED

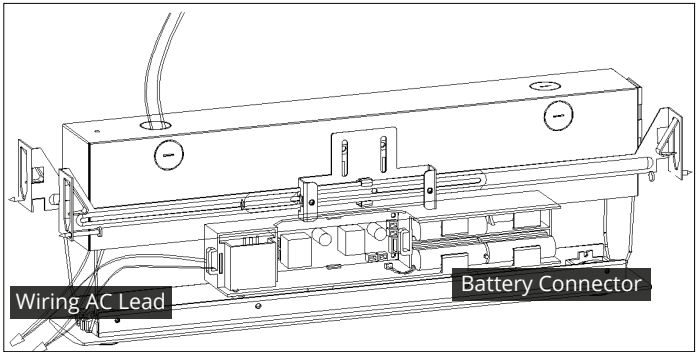
Project Name:	
Type:	



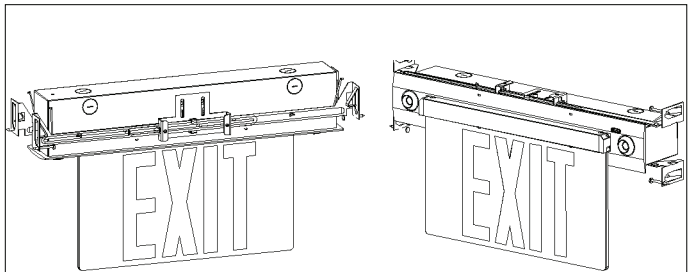
Step 1: Install canopy to junction box.



Step 3: Push the unit back to the junction box, assembly panel module.



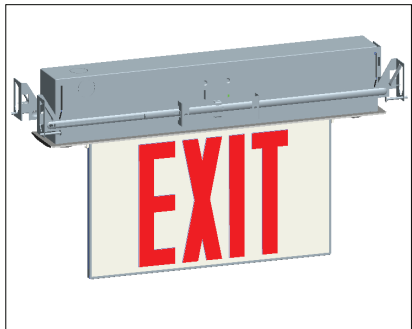
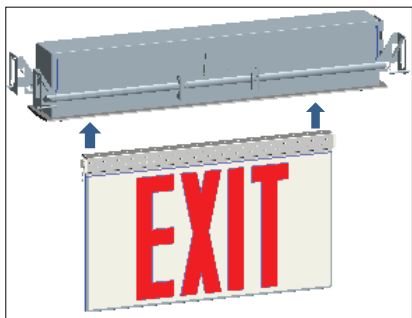
Step 2: Separate trim module and connect battery connector to PCBA



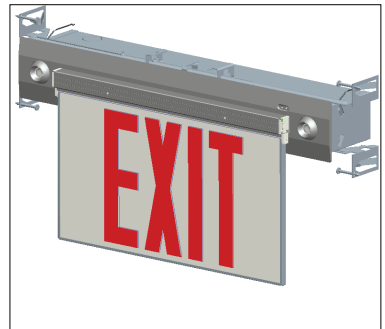
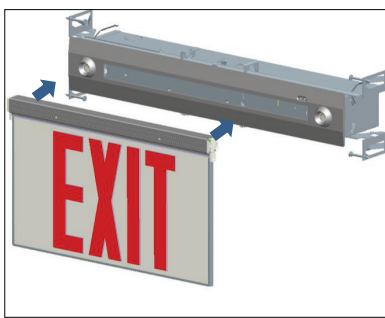
Step 4: Ceiling or surface mount for panel module.

RECESSED CEILING OR RECESSED WALL MOUNT

RECESSED CEILING MOUNT



RECESSED WALL MOUNT



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Project Name:	
Type:	

PACKAGING

INNER BOX : 515x260x110mm
CARTON BOX : 530x445x240mm
Q'TY : 4 PCS
N.W : 10.3 KGS
G.W : 12.4 KGS
MEA'S : 2.42 CUFT

