

Project Name:	
Type:	

NYC-8000 Series

EXIT & EMERGENCY COMBO

PRODUCT FEATURE :

CONSTRUCTION

- 20-gauge steel housing with matt white powder coating for enclosure.
- 8" exit letter height with 1" stroke.
- Friendly configuration design for quick installation.
- Two or three fully rotational lamp head optional.
- Universal J-box mounting pattern.
- Single and double face universal.
- Suitable for wall mounting , side mounting.



ELECTRICAL

- 120 to 277VAC universal voltage,50/60Hz.
- Recharge time 24hours, duration time more than 90 minutes.
- Trickle charge after battery fully charge.
- Battery over discharge protection.
- Solid-State transfer circuit.
- Test Switch / Charge Indicator light.

SOLID-STATUS TRANSFER

- The unit features a solid-state switching transistor which eliminates damaged contacts or mechanical failures associated with relays.
- The switching circuit is designed to detect a loss of AC power and automatically energizes the lamps. Upon restoration of the AC voltage, the emergency lamps will switch off and the charger will automatically recharge the battery.

ILLUMINATION

- Emergency lamps use long-lasting, high efficiency white LEDs.
- Deliver 220lm /330lm on AC supply cut off.

CODE COMPLIANCE

- Product comply UL924 standard.
- Compliant with New York City code.
- Suitable for 10°C-40°C ambient temperature, suitable for damp location.

BATTERY BACKUP

- Emergency unit designed with a maintenance-free NiCad battery that provides minimum emergency duration of 90 minutes.
- Recharge time of the battery is 24 hours.
- Battery have to recharge if product keep in stock 9 months.

Detail manual refer "BATTERY STOCK AND RECHARGE GUIDELINE"

MODEL SELECTION :

Model	Letter color	Lamp head	Product color
NYC-8000	R Red	2H 2 Heads	W White
		3H 3 Heads	B Black

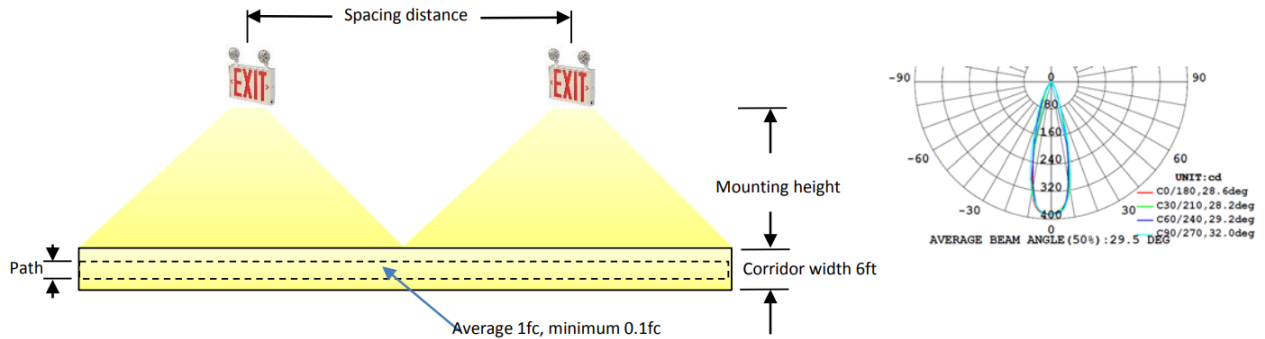
Model	Test Facility	Battery	Recharge Time	Emergency Duration	Input Rating				Output Rating	
					VAC	Hz	mA	W	Lamp Head	Lumen Output
NYC-8000-R-2H	Manual Test	Ni-Cad 3.6V1200mAh	24 hours	90 minutes	120-277V	50/60	47	3.0	0.8W *2pcs	220lm
NYC-8000-R-3H	Manual Test	Ni-Cad 3.6V2000mAh	24 hours	90 minutes	120-277V	50/60	47	3.0	0.8W *3pcs	330lm

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MOUNTING SPACING DISTANCE INSTRUCTION :



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 100feet long, 10 feet ceiling with a 6 feet wide walkway and 6&3 feet path of egress for calculation. The reflectance are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet /10ft.

Spacing Distance	7.5ft height	7.5ft height	10ft height	10ft height
Model No.	3ft width path	6ft width path	3ft width path	6ft width path
NYC-8000-R-2H	35ft	30ft	30ft	28ft
NYC-8000-R-3H	50ft	45ft	45ft	40ft

New York City emergency lighting requires 2 foot-candle average and 0.3 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100feet long, 10 feet ceiling with a 6 feet wide walkway and 6&3 feet path of egress for calculation. The reflectance are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet /10ft.

Spacing Distance	7.5ft height	7.5ft height	10ft height	10ft height
Model No.	3ft width path	6ft width path	3ft width path	6ft width path
NYC-8000-R-2H	18ft	16ft	16ft	14ft
NYC-8000-R-3H	27ft	24ft	24ft	20ft

PRODUCT DIMENTION :

