



## NYC-900 Series New York City Approved Steel Emergency Unit



PROJECT: \_\_\_\_\_  
FIXTURE TYPE: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
CONTACT/PHONE: \_\_\_\_\_



### SPECIFICATION FEATURES

#### CONSTRUCTION

- 20-gauge steel housing with matt white powder coating for enclosure.
- Friendly configuration design for quick installation.
- Two or three fully rotational lamp head optional.
- Universal J-box mounting pattern.
- Suitable for wall mounting.

#### ELECTRICAL

- 120 to 277VAC universal voltage, 50/60Hz.
- Recharge time 24 hours, 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.

#### ILLUMINATION

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

#### 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.

#### 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".

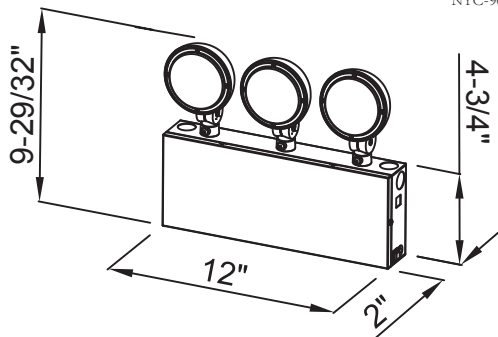
#### CODE COMPLIANCE

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

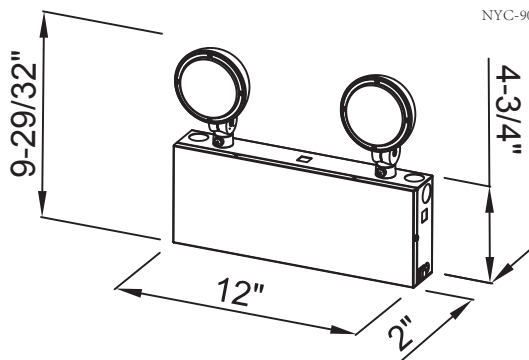


### DIMENSIONS

NYC-900-3H



NYC-900-2H



### ORDERING INFORMATION

Model	Lamp Head	Test Function	Color
NYC-900 = Lamp head on top	2H = 2 heads	Blank = Manual test	W = White
	3H = 3 heads	CT = Self-test/self-diagnostics	B = Black

ORDERING EXAMPLE: NYC-900-2H-W



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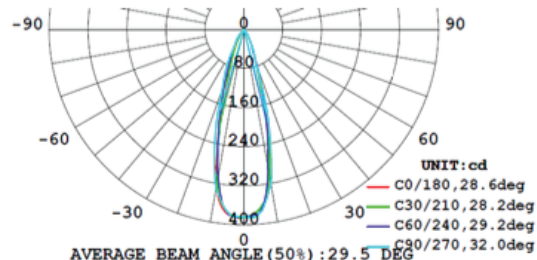
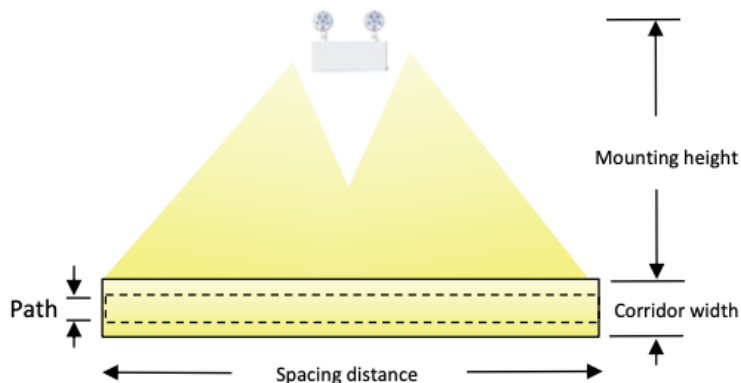


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## MODEL LIST

No.	Model	Test facility	Battery	Recharge Time	Emergency Duration	Input Rating				Output Rating	
						Vac	Hz	mA	W	Lamp Head	Luminous Flux
1	NYC-900-2H	Manual test	Ni-Cad 3.6V1000mAh	24 hours	90 minutes	120-277V	50/60	25	1.5	1W *2pcs	220lm
2	NYC-900-3H	Manual test	Ni-Cad HT 3.6V1600mAh	24 hours	90 minutes	120-277V	50/60	25	1.5	1W *3pcs	330lm
3	NYC-900-2H-CT	CT	Ni-Cad 3.6V1000mAh	24 hours	90 minutes	120-277V	50/60	25	1.5	1W *2pcs	220lm
4	NYC-900-3H-CT	CT	Ni-Cad HT 3.6V1600mAh	24 hours	90 minutes	120-277V	50/60	25	1.5	1W *3pcs	330lm

## 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.

Model No.	Spacing distance			
	7.5ft height 3ft width path	7.5ft height 6ft width path	10ft height 3ft width path	10ft height 6ft width path
NYC-900-2H	35ft	30ft	30ft	28ft
NYC-900-3H	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.

Model No.	Spacing distance			
	7.5ft height 3ft width path	7.5ft height 6ft width path	10ft height 3ft width path	10ft height 6ft width path
NYC-900-2H	19ft	16ft	16ft	14ft
NYC-900-3H	27ft	24ft	24ft	20ft