



WLNYC-C SERIES

New York Approved Exit & Emergency Combo



PROJECT: _____
 FIXTURE TYPE: _____
 LOCATION: _____
 CONTACT/PHONE: _____



FEATURES

CONSTRUCTION

- UV stable polycarbonate material for waterproof enclosure.
- Steel stencil with matt white powder coating.
- 8" exit letter height with 1" stroke.
- Friendly configuration design for quick installation.
- Universal J-box mounting pattern.
- Single face configuration.
- Suitable for wall mount.

ELECTRICAL

- 120 to 277VAC universal voltage, 50/60Hz.
- Recharge time 24 hours, duration time more than 90 minutes.
- Trickle charge after battery fully charge.
- Brownout protection circuit.
- 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.

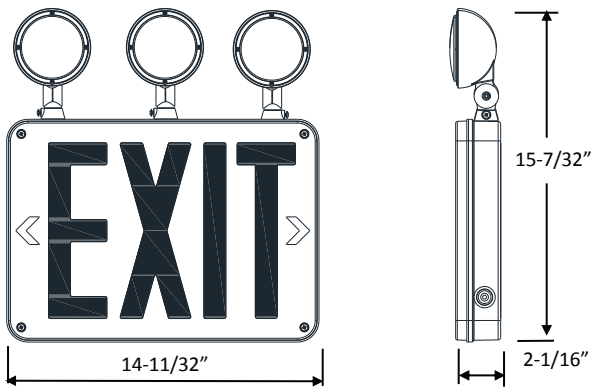
BATTERY BACKUP

- 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.

CODE COMPLIANCE

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

DIMENSIONS



ORDERING INFORMATION

| Model | Description |
|-----------|---|
| WLNYC-C-2 | Wet Location, NYC Combination Unit, Two Heads |
| WLNYC-C-3 | Wet Location, NYC Combination Unit, Three Heads |

Ordering Example: WLNYC-C-2



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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 | Lumen Output |
| 1 | WLNYC-C-2 | Manual test | Ni-Cad 3.6V 1200mAh | 24 Hours | 90 Minutes | 120-277V | 50/60 | 47 | 3.0 | 0.8W *2pcs | 220lm |
| 2 | WLNYC-C-3 | Manual test | Ni-Cad 3.6V 2000mAh | 24 Hours | 90 Minutes | 120-277V | 50/60 | 47 | 3.0 | 0.8W *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 100 feet 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. | 7.5ft height | | 10ft height | |
|-----------|----------------|----------------|----------------|----------------|
| | 3ft width path | 6ft width path | 3ft width path | 6ft width path |
| WLNYC-C-2 | 35ft | 30ft | 30ft | 28ft |
| WLNYC-C-3 | 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 100 feet 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. | 7.5ft height | | 10ft height | |
|-----------|----------------|----------------|----------------|----------------|
| | 3ft width path | 6ft width path | 3ft width path | 6ft width path |
| WLNYC-C-2 | 19ft | 16ft | 16ft | 14ft |
| WLNYC-C-3 | 27ft | 24ft | 24ft | 20ft |