

NEX-720-LED

Wet Location LED Exit and Emergency Combination with Self Diagnostics and Remote Capability

Source: 3.2W normal operation

1.5W emergency operation

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

LED exit sign with adjustable dual LED emergency heads. Luminaire is powered by LED sources for maximum life without maintenance. In the event of power loss, both sign and heads will operate for a minimum of 90 minutes. Ideal for egress lighting where splashing, non-corrosive liquids and dripping may occur.

FEATURES

- Fully adjustable 0.75W LED emergency heads
- Universal Mounting - Wall or Side Mounting
- UL Listed and meets or exceeds UL 924, NFPA 70 and NFPA 101 Life Safety Code requirements
- Polycarbonate plastic enclosure with flame retardant and wet location rated
- Self Diagnostic Testing
- Remote Capable with additional battery
- High temperature maintenance free NiCad batteries
- 120V or 277V AC input
- 6" Letters and 3/4" stroke
- Cold weather option includes heating pad to maintain operating temperature

ELECTRICAL

Voltage: 120/277VAC 60Hz input

Lumens / Wattage:

Normal Operation: 3.2W

Emergency Operation: 90lm / 0.75W per head

Batteries: (2) 3.6V Replaceable 1000mAh NiCad

Recharge Time: 24 hours

Operating Temperature: 0°C to 50°C (standard) / -25°C to 50°C (cold weather option)

Remote Capability: 3.6V 1.5W max.

FACE

Impact resistant polycarbonate white face plate with flame retardant and internal gasket for wet location rating. Optional second face plate included for exit signs requiring two sides. Fully illuminated 6" letters with 3/4" stroke and field selectable directional chevrons included.

EMERGENCY

During loss of power, NiCad battery will operate two adjustable LED emergency heads for 90 minutes and additional battery will operate a remote emergency head. Batteries requires 24 hours to recharge when power is restored.

MOUNTING

Mounting hardware included for wall or side mount applications. Listed for installations indoor, outdoor or wet locations.

BROWNOUT CIRCUIT

Brownout circuit monitors the flow of AC current to the unit and triggers the emergency light once a set reduction of AC power occurs. This dip in the voltage will cause many fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

SHORT CIRCUIT PROTECTION

Overload monitoring system is a solid-state circuit which monitors the load and disconnects from the battery should an overload or short circuit occur. The overload current protection eliminates the need for fuses or circuit breakers for the DC load.

TESTING

Luminaire includes manual test button for manual verification the transfer circuit and emergency heads operate correctly. Luminaire also performs self tests and diagnostics on battery, charging board, transfer circuit, LED emergency heads, remote heads and exit sign. If a failure is detected, an indicator LED will blink red until fault is corrected. A solid green indicator LED indicates no faults and blinked green indicates a test is in progress.

REMOTE CAPABILITY

Luminaire includes an additional 3.6V battery to operate a remote emergency head up to 1.5W for 90 minutes during power loss.

COLD WEATHER OPTION

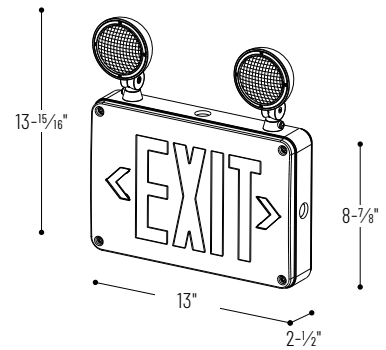
Exit sign can be used in cold weather locations with heating pad accessory, must specify -CC suffix. When exit sign reaches a low temperature a heating pad will keep the battery within operating temperature, allowing the exit sign to work in temperatures down to -25°C.

LABELS AND LISTINGS

- UL 924 Listed for Wet Locations (Damp Location rated when used with remote head)
- NFPA 70 & NFPA 101 Life Safety Code
- California Energy Commission (CEC) Compliant
- Title 20 Compliant



PRODUCT IMAGES AND DIMENSIONS



Wet Location LED Exit and Emergency Combination with Self Diagnostics and Remote Capability

Description	Letter Color / Housing Color	Cold Weather Option
NEX-720-LED = Battery Backup	/G = Green Letters / White Housing /R = Red Letters / White Housing	-CC = Cold Weather Location

Example: NEX-720-LED/R = Wet Location LED Exit and Emergency Combination with Adjustable Heads, Red Letters / White Housing