

NFT Series

High Output LED Emergency Lighting Unit

Model:	Date:		
Accessories:			
Job Name:	Туре:		

ame: ______ Type: _____

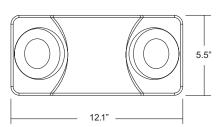


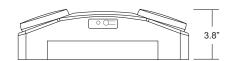












The NFT Series high-power LED emergency lighting unit provides industry leading 125' path of egress spacing. Suited for larger areas and egress paths such as warehouses, factories, lengthy corridors, large department store retailers and schools. This series eliminates the need for multiple emergency lighting units.

FEATURES AND BENEFITS

- Superlative optical performance up to 125' spacing (NFT-HO)
- · Eco-friendly, long-life, high-density LiFePO4 battery pack
- Remote capability up to 5.4W (Not available with NFT-HO units), compatible with RL1-WP and REN remote lamps
- UL 924, cUL Listed
- · Suitable for Damp Locations
- California Energy Commission (CEC) compliant

SPECIFICATIONS

Illumination: Standard NFT includes two 2.7W LED lamp heads

High-output NFT-HO includes two 5.4W LED lamp

heads

Housing: UL 5VA flame-rated thermoplastic housing

Input: 120-277VAC, 50/60Hz

Battery: Maintenance-free LiFePO₄ battery

Operating Temp: 10°C to 40°C (50°F to 104°F)

Run Time: cULus Listed 90 minute emergency run time,

24 hour recharge time

Mounting: Wall, pendant, I-beam and pole mount (with

available accessory)

Finishes: Black or White

Options: G2 - Self-test/Self-diagnostics

R - Remote Capable (5.4 Watts - NFT only), compatible with RL1-WP and REN

remote lamps

Certfications: cULus 924 Listed, meets or exceeds CEC, NEC

requirements and NFPA 101

Warranty: Any component that fails due to a manufacturing

defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information. (Terms and Conditions Apply)

ORDERING INFORMATION Example: NFT-HO-W-G2

Series	Finish	Options (Factory Installed)	Accessories ² (Field Installed)
NFT = (2) 2.7W LED Lamps	B = Black	G2 = Self-test/Self-diagnostics	IHB = I-Beam and Pole Mounting Bracket
NFT-HO = (2) 5.4W LED Lamps	W = White	R¹ = Remote Capable (5.4W)	WG-S = Wire Guard (Back Mount)
			WPV-2 = Wet Location/Vandal Guard (Back Mount)

Notes

¹ Not available with NFT-HO Series, compatible with <u>RL1-WP</u> and <u>REN</u> remote lamps

² Order as separate line item

ELECTRICAL RATINGS

	LiFePO4	Overload	Short	Solid State		Inp	out			Output	
Model	Battery	Disconnect	Circuit Disconnect	Transfer	VAC	Hz	mA	w	Lamps	Lumens	Remote Capability
NFT	9.6V 1500mAh	Yes	Yes	Yes	120-277	50/60	55	4.3	2 x 2.7W	600 lm	N/A
NFT-R	9.6V 3000mAh	Yes	Yes	Yes	120-277	50/60	55	4.3	2 x 2.7W	600 lm	9.6V 5.4W
NFT-HO	9.6V 3000mAh	Yes	Yes	Yes	120-277	50/60	55	4.3	2 x 5.4W	1300 lm	N/A

CONSTRUCTION

Precision molded unit and lamp housings constructed of UV-stable UL 5VA flame-retardant, corrosion-resistant thermoplastic. Units resist denting, peeling, scratching and corrosion. Tool-less access provided for easy maintenance.

ILLUMINATION

Two fully adjustable lamp heads allow for maximum light to be delivered to the path of egress. Fixtures are supplied with high-powered LED lamp optics that deliver up to 125' on center spacing (high-output NFT-HO Series) with up to 1300 total lumens output. The standard NFT unit delivers up to 70' on center spacing with 600 total lumens output. The LEDs have an estimated life over 50,000 hours with normal use.

ELECTRICAL

Input

Wide input voltage range of 120-277VAC @ 50/60Hz.

LiFePO₄ (Lithium Phosphate) Battery

Exitronix LiFePO4 batteries are environmentally friendly as well as thermally and chemically stable which makes them one of the safest batteries to use. With an extremely low discharge rate and high-power density the unit is able to provide unsurpassed performance. A fully charged pack will disconnect from the charging circuit, drawing no power. This feature significantly reduces the amount of wasted power when multiplied by the number of units installed. The cells' chemistry allows for environmentally friendly disposal making it one of the "greenest" energy sources available.

Emergency

The NFT-G3 Series will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

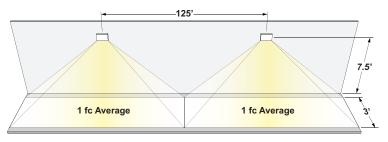
Test Button

Our test button is easy to locate and allows for manual verification of proper operation of the transfer circuit and emergency lamps.

ON-CENTER SPACING (Multiple units mounted at a typical 7.5 foot height)

Model	# of LED Lamps	3' Path, 6' Corridor	6' Path, 6' Corridor
NFT	2	70'	63'
NFT-HO	2	125'	115'

Barron assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not as a guarantee of any code compliance.



Damp Location Rated

Damp Location Rated fixture that is normally or periodically subject to condensation of moisture in, on or adjacent to, and includes partially protected locations.

INSTALL ATION

A universal J-box mounting pattern and rear keyhole slots are provided for wall or ceiling mounting. Optional I-beam mounting bracket is available for mounting to poles, I-beams or strut metal framing.

Guardian Self-Test/Self-Diagnostics (Option: G2)

The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated until the fault is corrected.

The Guardian circuit also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days and a 90 minute discharge and self-test every 6 months.

OPTIONS

Remote Capable (Option: R - Not available with NFT-HO-G3 units)

The R option provides an additional 5.4W of remote capability, compatible with RL1-WP and REN remote lamps.

CONFORMANCE TO CODES & STANDARDS

The NFT-G3 Series is UL 924 Listed for Damp Locations and meets or exceeds the following: CEC (T20), NEC requirements and NFPA 101.