

Commercial Exit Signs

Infinity II Series Low Profile, Vandal-Resistant LED



Specifier's Reference

Project
Type
Model No.
Comments

codes and standards

- UL listed to Standard 924
- NEMA Premium certified
- IBC, BOCA, and OSHA illumination standard
- NFPA 70 (National Electric Code)
- NFPA 101 (Life Safety Code)

construction

- Durable powder coated cast aluminum housing offers an extremely low profile finish when installed and is fully compliant to ADA requirements.
- All electronics are contained within the housing eliminating the need to recess components into the wall.
- Tamperproof hardware and bit are supplied standard.

installation

- The 20 gauge steel back plate mounts directly to the wall surface via keyhole slots.

electronics

- 120/277 VAC dual voltage input with surge protection is standard on all models.
- Self powered models feature the Intelli-Charge circuit where the charging system is microprocessor driven with software embedded diagnostic routine and temperature compensation.
- Self powered models include brownout detection, AC lockout, low voltage disconnect, AC power indicator, charge status indicator, audible user interface controls, visual LED system fault indicator, and tactile push-to-test switch.
- Additional equipment safety features include reverse battery polarity detection and protection, and reverse utility power detection and protection.
- All self-powered models include an on-board IR receiver for use with the optional hand held remote (ICIR).
- Self-testing electronics (optional)

The diagnostic/charging platform with optional self-testing mode automatically runs a one-minute self-test every 30 days and a 30 minute test on the sixth and twelfth month in accordance with NFPA 101.

A one minute or 90 minute test may be initiated via the push to test switch on the unit or by activating the appropriate test command on the optional IR test device.

- Operating temperature range
65°F (19°C) to 85°F (30°C).

Power consumption

AC only red: (120 VAC) 0.035 A, PF = 0.95, (277 VAC) 0.015 A, PF = 0.95.

AC only green: (120 VAC) 0.034 A, PF = 0.97, (277 VAC) 0.015 A, PF = 0.97.

Self-powered red: (120 VAC) 0.040 A, PF = 0.90, (277 VAC) 0.018 A, PF = 0.90.

Self-powered green: (120 VAC) 0.042 A, PF = 0.90, (277 VAC) 0.018 A, PF = 0.90.

lamps

- Illumination of the stencil face is accomplished with long lasting, high output LED's producing an average illumination level in excess of 25 fl (85.7 cd/m²) at the end of the 90 minute emergency run time.

battery

- Maintenance free sealed metal hydride battery.
- Provides a minimum of 90 minutes of emergency power.

warranty

- Five full years on electronics and unit.

Green Product Choice: LACWWRIC

Series	Frame Color	Stencil/Letter Color	IC	Options ¹
LAC – AC Only LSPN – Self-Powered NiCad Battery	B – Black W – White	R – Brushed Aluminum w/ Red Letters G – Brushed Aluminum w/ Green Letters WR – White w/ Red Letters WG – White w/ Green Letters BR – Black w/ Red Letters BG – Black w/ Green Letters	IC – Intelli-Charge Diagnostics	2CKT1 – Two-Circuit 120/120 VAC (AC-only models) 2CKT2 – Two-Circuit 277/277 VAC (AC-only models) BF – Buzzer/Flasher (self-powered models only) BZ – Buzzer (self-powered models only) DC – 12-48 VDC Input (AC only models) EX – Special Input Transformer (specify voltage & frequency) FA – 24 VDC Fire Alarm Interface FL – Emergency Flasher (self-powered models only) T – Self-Testing Diagnostics (non-audible, self-powered models only) TA – Audible Self-Testing Diagnostics (self-powered models only)

Accessories (Order Separately)

ICIR – Intelli-Charge Infra-Red Remote
T15TPTOOL – Tamperproof Screwdriver

Footnotes

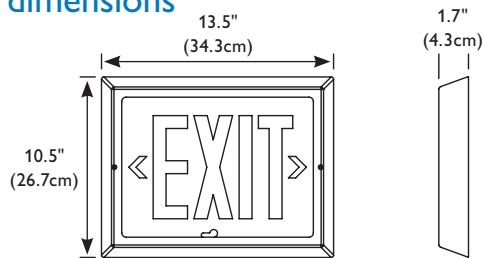
¹ Some option combinations may impact UL listing. Consult factory for specifics.



options

- 2CKT1 – Available on AC only configured models to accommodate inputs from a normally on circuit and an AC emergency circuit from a generator or emergency inverter circuit limited to 120 VAC circuits.
- 2CKT2 – Available on AC only configured models to accommodate inputs from a normally on circuit and an AC emergency circuit from a generator or emergency inverter circuit limited to 277 VAC circuits.
- BF – This option enables the exit sign to buzz and flash together when the sign is operating under battery power. The buzzer and flashing rate is an approximate 50% duty cycle.
- BZ – This option enables the exit sign to buzz when the sign is operating under battery power. The buzzer rate is an approximate 50% duty cycle.
- DC – The DC option is reserved for AC only configured models and accommodates wiring to a remote emergency battery unit. The DC input is not polarity sensitive and accepts 12 to 48 VDC from a remote source.
- EX – The special input transformer option allows for input voltage and frequencies beyond the standard 120/277 VAC, 60 Hz input.
- FA – This option provides a two wire harness for the electrical connection to the fire control panel. Should the fire panel activate an alarm, the exit sign will flash at a rate of approximately 50% duty cycle.
- FL – This option causes the exit sign to flash when the sign is operating under battery power. The flashing rate is approximately a 50% duty cycle.
- T – The self-testing option enables a periodic self test of the equipment where a test routine is established to perform a one minute test once a month with a 30 minute test performed on the sixth and twelfth month in accordance with NFPA 101. Equipment readiness faults are indicated with a visual LED display.
- TA – The audible self-testing option enables a periodic self-test of the equipment where a test routine is established to perform a one minute test every thirty days with a 30 minute test performed on the sixth and twelfth month in accordance with NFPA 101. Equipment readiness faults are indicated with a visual LED display and an audible alarm.

dimensions



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