



PEXL SERIES - PLASTIC LED EXIT SIGN

Injection-Molded, 5VA Flame-Retardant Engineering Plastic,
Red-Green Dual-Color LED Exit Sign

FEATURES & SPECIFICATIONS

Supply and install the **PEXL Series** high-impact thermoplastic LED Exit Signs. The sign shall operate with universal 120 to 347 VAC input and provide a minimum of 120 minutes of emergency illumination upon AC failure. The face shall be illuminated by an ultra-bright LED light source. The unit shall be field-configurable for single or double-face Red-Green Dual-Color LED applications and Suitable for TOP mount or END mount and BACK mount. The sign shall be UL 924 listed and FCC compliant.



CONSTRUCTION

- **Material:** Precision injection-molded, engineering-grade thermoplastic.
- **Durability:** 5VA flame-retardant, high-impact resistant housing in white finish.
- **Compliance:** Fully RoHS compliant and UL Listed for damp locations.

ELECTRICAL

- **Input:** Universal 120-347Vac, 50/60Hz.
- **Efficiency:** Ultra-low power consumption (1.5W) with a current-limiting charger to minimize operating costs.
- **Protection:** Integrated short-circuit protection and regulated charge voltage to ensure stable performance across varying line voltages.
- **Battery Safety:** Features AC Reset and Low Voltage Disconnect (LVD) to prevent deep discharge damage.
- **Battery Type:** 3.6V AA 500mAh long-life, maintenance-free, rechargeable NiCd battery.

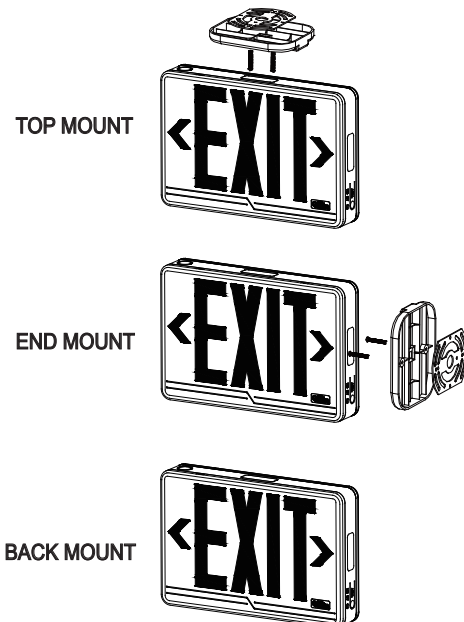
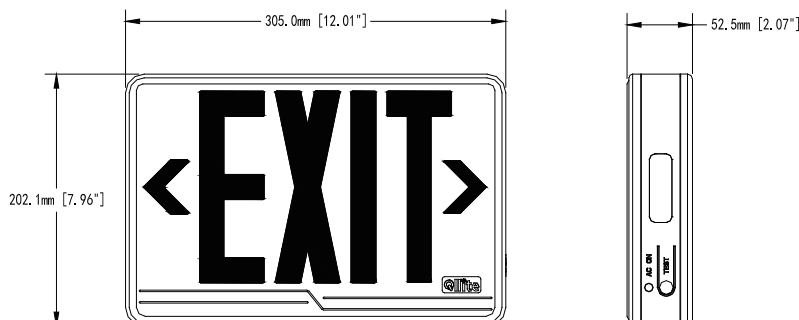
INSTALLATION

- **Mounting:** Suitable for TOP mount or END mount and BACK mount.
- **Wiring Flexibility:** Surface mount via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections.

LISTINGS & COMPLIANCE

- **Certifications:** UL damp location listed (0°C to 50°C/32°F to 122°F).
- **Performance:** C860 listed for energy efficiency.

PRODUCT DIMENSIONS:

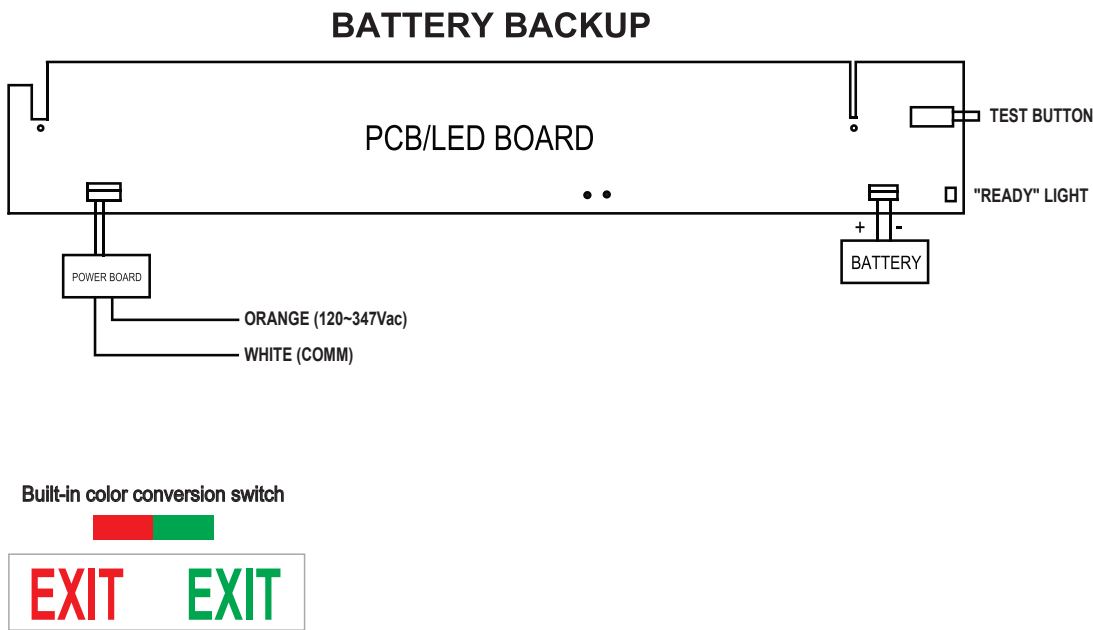


PARAMETERS:

MODEL NO:	Input Ratings				Emergency Output:		Emergency Run Time	Recharge Time	Battery Pack	Operation Ambient
PEXL1RGW	120-347Vac	50/60Hz	0.023-0.010 Amps	1.5Watts	3.6Vdc	0.5Watts	120Minutes	24Hours	NiCd 3.6V AA500mAh	0-50°C damp locations
PEXL2RGW										
PEXL1RGB										
PEXL2RGB										

Model	No. of faces	Letter Color	Housing Color
PEXL	1=Single Face 2=Double Face	R=Red G=Green RG=Red&Green	W=White B=Black

WIRING DIAGRAM:



INDICATOR LIGHT:

Charging - Indicator light ON Green
Battery Disconnect (Connect AC power) - Indicator light ON Red
Emergency Mode - Indicator light OFF