THE EXIT LIGHT CO.

UNIVERSAL RED/GREEN WET LOCATION LED COMBO EXIT SIGN | EXTERIOR WALL, CEILING, & SIDE MOUNT

Code: WLTCOMBO-U

The **WLTCOMBO-U** is a wet-listed universal LED combo exit sign designed for indoor and outdoor use, featuring a waterproof housing, field-selectable red or green illumination, and reliable emergency operation.

Compatible Battery:

The Self-Testing model includes a 3.2V 2000mAh battery. Remote head capable model is equipped with a 6.4V 2000mAh battery.

FEATURES

- UL 924, NEC and NFPA 70, and 101 Life Safety Code
- Compliant CEC Title 20
- Listed for wet location
- Field Selectable Red/Green LEDs
- Suitable for side and wall mount installations
- Push-to-test switch
- 120-277VAC 50/60Hz operation
- Extremely low operating costs
- Removable directional indicators
- 5VA Flame retardant, UV stabilized polycarbonate enclosure
- Maintenance free LiFePO4 battery

WARRANTY INFORMATION

Any component that fails due to manufacturer's defect is guaranteed for 1 year. The warranty only covers products installed and maintained in accordance with the instructions provided by their respective manufacturer and no warranty is made with respect to any of our products that are otherwise installed or maintained. For full warranty details, visit our Warranty Section.

Conformance to Codes and Standards

The WLTCOMBO-U series is UL listed and meets or exceeds the following: UL 924, NEC, OSHA and NFPA 70 and 101 Life Safety Code requirements.

ORDERING INFORMATION

Series	Letter Color	Housing Color	Operation Type	Optional
WLTCOMBO	U (Red and Green)	W (White)	STS (Self-Testing)	CW (Cold Weather)
		B (Black)	RH (Remote Head Capable)	

CONSTRUCTION

The WLTCOMBO-U features a durable polycarbonate housing with a waterproof design, making it suitable for wet-location installations. Its compact, decorative enclosure is constructed from UV-resistant, 5VA flame-retardant plastic and assembled with stainless steel screws for enhanced corrosion resistance. The housing is also designed with an integrated touch test sensor, eliminating the need for a traditional push-to-test button. The WLT-U is available in universal single- or double-face configurations and includes 6-inch EXIT letters with a 3/4-inch stroke for a 100-foot viewing distance. Snap-in/snap-out directional chevrons are included for fast field installation.

ILLUMINATION

The WLTCOMBO-U features a field-selectable Red or Green LED EXIT sign with a matched color diffuser for clear and uniform illumination. The unit is factory defaulted to Red, allowing for quick installation while providing easy color selection in the field. The combo model includes two fully adjustable LED emergency lamps that deliver a total output of 480 lumens.

ELECTRICAL COMPONENTS

The WLTCOMBO-U supports optional 120–277VAC, 50/60Hz input voltage and is equipped with brownout circuit protection for reliable operation during unstable power conditions. Additional safety features include battery low-voltage protection and a solid-state transfer circuit for seamless transition to emergency mode. The unit includes a test switch and battery charging indicator for easy monitoring and maintenance. Powered by a maintenance-free LiFePO4 battery, the WLT-U provides more than 90 minutes of emergency operation with a full recharge time of 24 hours.

EMERGENCY OPERATION

Upon failure of the normal utility power, an internal solidstate transfer switch automatically provides uninterrupted emergency operation for at least 90 minutes. The fully automatic solid-state, two-rate charger initiates battery charging to recharge a discharged battery in 24 hours.

BATTERY - BATTERY BACKUP

The WLTCOMBO-U is equipped with a 3.2V 2000mAh battery for the battery backup and self-testing models, providing a minimum emergency duration of 90 minutes. The remote head capable option includes a 6.4V 2000mAh battery for improved performance in low-temperature environments. The battery system is maintenance-free, fully rechargeable within 24 hours, and protected by a low-voltage cut-off circuit to prevent deep discharge and extend battery life.

*Product features such as color-selectability and self-testing circuitry are produced under manufacturing agreements that require compliance with current U.S. lighting standards and patent regulations.

SELF-TESTING OPTION

Unit continuously monitors the AC power, battery supply voltage, emergency lamp condition and charging circuit. If failure is detected, the indicator will show status and correct when adjusted. Unit will automatically perform NFPA required monthly and annual testing. Refer to user manual for details.

OPERATIONAL TEMPERATURE

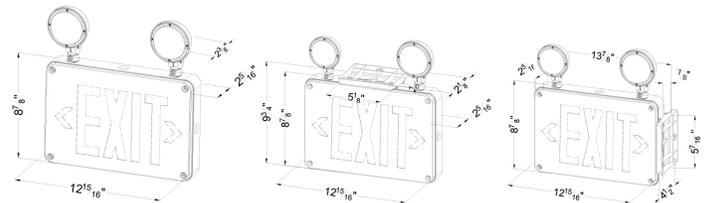| Temperature Ratings	
Series	**Temperature**
STS Option	41°F to 122°F
AC / Cold Weather	-4°F to 122°F

REMOTE HEAD CAPABLE OPTION

The WLTCOMBO-U remote head capable model is designed to support constant power remote emergency heads for expanded illumination coverage. When used with a compatible constant power driver, the total remote head load must not exceed 1.5W.

INSTALLATION

The WLTCOMBO-U is suitable for side mo0unt and universal knockout pattern can be found on the blank faceplate for wall mount installations. Snap together design allows for quick and easy installation. Knock-outs provided for conduit feed applications. Knock-out chevrons for customized egress signage.

DIMENSIONS

Weight : 10.00 lb

ELECTRICAL INFORMATION

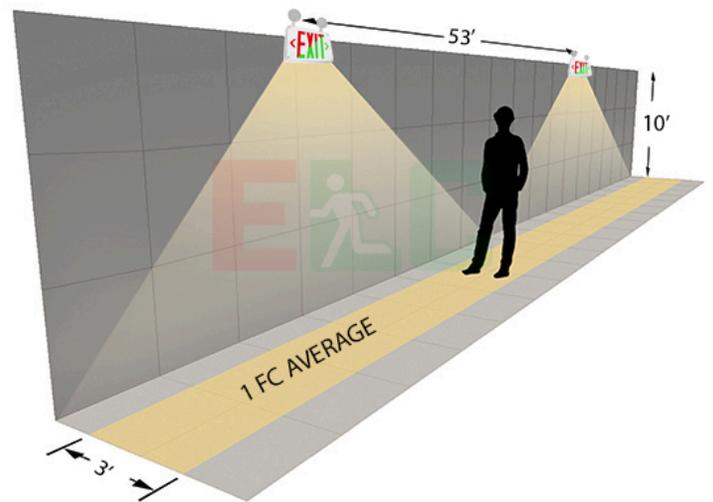| Series	Input Voltage	Power Consumption	Current	Discharge Duration
WLTCOMBO-U-STS	120-277VAC 50/60Hz	3.5W	45mA	90 Minutes
WLTCOMBO-U-RH	120-277VAC 50/60Hz	4.5W	70mA	90 Minutes
WLTCOMBO-U-STS-CW	120-277VAC 50/60Hz	4W	60mA	90 Minutes
WLTCOMBO-U-RH-CW	120-277VAC 50/60Hz	4.5W	70mA	90 Minutes

PHOTOMETRICS

Suggested mounting height of 7.5ft illuminates 1 footcandle (FC) **spaced at 58ft for a 3ft path of egress**.

Mounting height of 10ft illuminates 1 footcandle (FC) **spaced at 53ft for a 3ft path of egress**.

Disclosure:

Spacing is measured in lab condition with an assumed open space, no obstruction and reflection rates of 80 (ceiling) / 50 (walls) / 20 (floor). Actual spacing may vary depending on what environment the fixture is installed in.