



Introducing the Universal Color LED Exit Sign, the first of its kind in the market. This edge-lit exit sign offers unparalleled versatility with its field-selectable color feature, allowing you to switch effortlessly between red and green LEDs based on your specific needs. Designed for maximum flexibility, this exit sign features an adjustable angle for optimal visibility in any space. Whether you need a ceiling, wall, or side mount configuration, this exit sign adapts seamlessly to any installation environment. Perfect for ensuring safety and compliance, this versatile exit sign is a smart choice for any setting, offering both functionality and sleek, modern aesthetics.



## ORDERING INFORMATION

Series	Letter Color	Housing Color	Operation Type	Sides
COELRT-ST5	U (Red and Green)	W (White)	STS (Self-Testing)	SC (Single Clear)
		B (Black)		DM (Double Mirrored)

## CONSTRUCTION

The COELRT-U Edge Lit Combo Exit Sign housing is constructed from injection-molded thermoplastic housing with an etched, clear acrylic panel. Double sided panel comes as mirrored configuration. Lettering is 6" high with 3/4" stroke. Housing color options are black and white.

## ILLUMINATION

The **COELRT-U Combo Exit Sign Series** delivers reliable, long-lasting LED illumination with a high-output LED board featuring both red and green options (with red set as the default). Equipped with **two fully adjustable LED lamps**, the unit provides a bright **460 lumens in battery mode**, ensuring dependable emergency lighting when it's needed most.

## ELECTRICAL COMPONENTS

The unit operates with a **universal input voltage of 120-277VAC, 50/60Hz**, ensuring compatibility with a wide range of installations. An **LED display indicates AC/ON status**, while an **external push-button test switch and charge indicator** allow maintenance personnel to quickly verify operational performance. Powered by a **Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery**, the system has a **24-hour recharge time** and automatically switches to **trickle charge once fully charged**. The advanced circuit design includes **brownout transfer, low-voltage battery disconnect, overload and short-circuit protection, and solid-state transfer** for maximum reliability and safety.

## EMERGENCY OPERATION

Upon failure of the normal utility power, an internal solidstate transfer switch automatically provides uninterrupted emergency operation for at least 120 minutes. The fully automatic solid-state, two-rate charger initiates battery charging to recharge a discharged battery in 24 hours.

## FEATURES

- UL Listed, NFPA 70, and NFPA 101 Life SafetyCode
- CEC Title 20 Compliant
- Dual 120-277VAC 50-60Hz operation
- Listed for damp location
- Field Selectable Red and Green
- Versatile edge lit combo exit sign
- Wall, sloped, high, or standard ceiling
- Thermoplastic housing with high grade acrylic face
- Field Installable Arrows for Left, Right or Both directions.
- Long life LED illumination
- Test switch and charge rate indicator on battery backup models

## 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 COELRT-U series is UL listed and meets or exceeds the following: UL Listed, NEC, NFPA 70 and NFPA 101 Life Safety Code requirements.

## SELF-TESTING OPTION

This unit continuously self-checks for proper operation, with a multi-color LED indicator light that displays status conditions and updates automatically when corrected. The unit is **\*\*field-selectable for either self-testing or manual testing mode\*\***, giving flexibility for different maintenance preferences. In self-test mode, the unit will automatically perform tests in emergency operation for up to the full 120-minute duration to ensure reliability during an actual power failure. In manual mode, tests can be initiated at any time using the external push-button test switch.

## OPERATIONAL TEMPERATURE

Temperature Ratings	
Standard Option	41°F to 122°F

## BATTERY - BATTERY BACKUP

The COELRT-U series is designed with a 3.2V 3200mAh maintenance-free LiFePO<sub>4</sub> battery providing a battery run-time of 120 minutes. With LiFePO<sub>4</sub> batteries, safety is paramount – their formulation, lithium iron phosphate, is highly resistant to overheating and fire hazards. They are backed by an integrated battery management system (BMS) to prevent overcharge, over-discharge, and short-circuiting, ensuring peace of mind for users. Recharge time of the battery is 24 hours.

**PHOTOMETRICS**

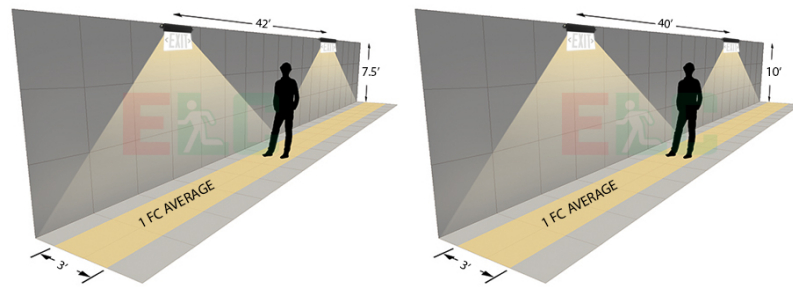
Suggested mounting height of 7.5ft illuminates 1 footcandle (FC) **spaced at 42ft for a 3ft path of egress**

Mounting height of 10ft illuminates 1 footcandle (FC) **spaced at 40ft for a 3ft path of egress**

Mounting height of 10ft illuminates 1 footcandle (FC) **spaced at 38ft for a 6ft path of egress**

**Disclosure:**

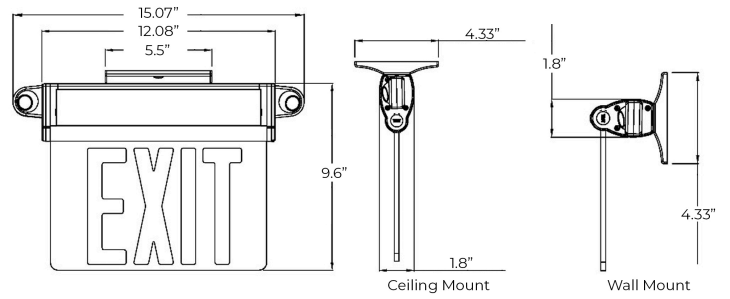
Spacing is measured in lab condition with an assumed open space, no obstruction and reflection rates of 80 (ceiling) / 50 (walls) / 20 (floor). Actual spacing may vary depending on what environment the fixture is installed in.



**INSTALLATION**

The COELRT-U Series is versatile and adaptable, suitable for mounting on walls, sloped ceilings, as well as high or standard ceilings. It comes with field-installable directional arrow indicators for added flexibility. All necessary hardware is included for a hassle-free installation.

**DIMENSIONS**



Weight : 5.00 lb

**ELECTRICAL INFORMATION**

Series	Input Voltage	Power Consumption	Current	Discharge DuraCOtion
COELRT-U-STS	120-277VAC 50/60Hz	3.5W	70mA	120 Minutes