

The CTC900E Series offers a 'quick-slide' canopy for in-field adjustment from wall to ceiling mount. The CTC900E Series features high intensity red or green LED's providing bright and uniform illumination in an Edge-Lit design. Includes State of Connecticut required modified accessibility symbol.

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

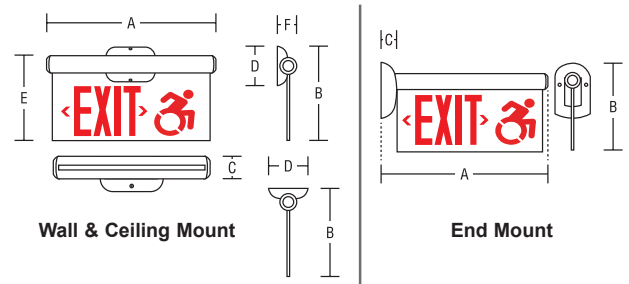
### FEATURES & BENEFITS

- Meets State of Connecticut Emergency Building Code requirements (Para. 1011.1.2)
- Cylindrical design with "quick slide" adjustment from ceiling to wall mount for easy installation
- Panel includes "EXIT" wording with the ADA compliant, modified accessibility symbol
- California Energy Commission (CEC) compliant
- Buy American Act (BAA) compliant



### SPECIFICATIONS

- Illumination:** Exit face is illuminated by long-life, high intensity, red or green LEDs
- Housing:** Extruded aluminum enclosure with powder coated finish
- Input:** 120/277VAC Dual primary, 60Hz
- Battery:** Maintenance-free NiCAD battery
- Operating Temp:** 10°C to 40°C (50°F to 104°F)
- Run Time:** CSA Listed 90 minute emergency run time, 24 hour recharge time
- Electrical:** Low voltage disconnect eliminates deep discharge, brownout, overload and short circuit protection
- Legend:** Fully-illuminated 6" characters with 3/4" stroke, field-selectable directional chevrons, double-face panels are supplied with a mirror or white insert
- Mounting:** Surface ceiling, wall or end mount, includes canopy
- Finishes:** White
- Certifications:** CSA Listed, meets or exceeds UL 924, NEC requirements and NFPA 101, State of Connecticut Building Code paragraph 1011.1.2, ADA Compliant
- 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 and product registration instructions.



Mounting	A	B	C	D	E	F
Wall	18.0"	10.8"	2.0"	4.5"	9.0"	4.0"
Ceiling	18.0"	10.2"	2.0"	4.5"	9.0"	4.0"
End	14.5"	10.0"	2.0"	N/A	N/A	N/A

### ORDERING INFORMATION Example: CTC902E-S-WB-RC-WH

Series	Mounting	Power Source	Panel Color	Enclosure Color
CTC902E = Single-face	S = Surface Ceiling or Wall	LB = AC Only	RC = Red Letters/Clear Panel	WH = White
CTC903E = Double-face	E = End Surface	WB = With Battery	RW = Red Letters/White Panel	
			RM = Red Letters/Mirror Panel	
			GC = Green Letters/Clear Panel	
			GW = Green Letters/White Panel	
			GM = Green Letters/Mirror Panel	

## CONSTRUCTION

### Housing

Cylindrical style available in a powder coated white finish.

### Panels

Constructed of high quality, clear acrylic with beveled lettering for maximum light output. Double Face panels are supplied with a mirror or white insert. Units are supplied with press-on directional arrows for placement in all applications.

Stencil letters and ADA compliant modified accessibility symbol are 6" high with 3/4" stroke, with minimum of 100 ft viewing distance rating as required by UL 924 standard.

## ILLUMINATION

Illumination of the CTC900E series is accomplished utilizing high-intensity, long-life red or green LEDs. LEDs provide excellent illumination while maximizing energy efficiency. As a maintenance-free solution, LEDs provide up to 100,000 hours of use without failure.

## ELECTRICAL

### Input

Dual-voltage input 120 or 277VAC @ 60Hz.

### Nickel Cadmium Battery – NiCad

Exitronix nickel cadmium batteries are maintenance-free.

### Emergency

The CTC900E series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

### Brownout Circuit

Brownout circuit monitors the line voltage, as the line voltage sags and can no longer illuminate the exit sign to meet UL924 visibility test, the emergency circuit will turn on to supply a portion or all the power to illuminate the sign for a minimum of 90mins until the line voltage is restored.

### Low Voltage Disconnect

When the battery's terminal voltage falls below predetermined levels, the low voltage circuit disconnects the emergency lighting load. The disconnect remains in effect until normal power is restored, preventing deep battery discharge and improving the life of the battery. The disconnect will also automatically reconnect the load circuit once the battery voltage returns to

a normal value after charging.

### Solid-State Transfer

The unit features a solid-state switching transistor which eliminates damaged contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC power and automatically energizes the lamps. Upon restoration of the AC voltage, the emergency lamps will switch off and the charger will automatically recharge the battery.

### Overload and Short Circuit Protection

The solid-state overload monitoring system in the DC circuit disconnects the lamp load from the battery should excessive wattage demands be made and automatically resets when the overload or short circuit is removed. This overload current protective characteristic eliminates the need for fuses or circuit breakers for the DC load.

### Test Button

Our easily located test button allows for manual verification of proper operation of the transfer circuit and emergency lamps.

## INSTALLATION

Installs in minutes with easy-to read instructions and detailed diagrams. No special hardware or tools necessary. Internally housed components and battery.

## CONFORMANCE TO CODES & STANDARDS

The CTC900E Series is CSA listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101. Specifically designed to meet the requirements of the State of Connecticut, Building Code paragraph 1011.1.2, ADA Compliant.