

Commercial Emergency

CTX Series  
Compac® Thermoplastic  
Emergency Unit with **Xtest**



Specifier's Reference

Project
Type
Model No.
Comments

codes and standards

- ETL Listed to UL Standard 924
- NFPA 101 (Life Safety Code)
- NFPA 70 (National Electric Code)

construction

- Flame rated, UV stable ABS thermoplastic white housing.
- Black is available.
- Low profile test switch comes standard on the unit.
- Contemporary design external square style lamp heads that utilize an innovative track system that allows for a full range of adjustment for emergency illumination.

installation

- Snap together quick mount design.
- Universal J-box mounting pattern.
- Wall mount only.

electronics **Xtest**

- All units utilize a microprocessor and contain the **Xtest** self-diagnostic/self-test circuit..
- Each unit includes low voltage disconnect, AC lockout, and brownout protection.
- Each unit will with **Xtest** circuitry automatically conduct a self-test once a month with the lamps on to verify all systems are functioning properly. For complete details regarding **Xtest** circuitry see spec sheet CE-17050.
- 120/277VAC selectable input. .
- Power Consumption:  
120 V = 42 mA Line Amps  
= 5.1W input wattage  
277 V = 22.6 mA Line Amps  
= 6.26 W input wattage

lamps

- Units contains the choice of two 6 volt or 12 volt, various wattages, halogen or tungsten lamps.

battery

- Maintenance free 6 volt sealed lead acid battery.
- Operating temperature range is 65°F (19°C) to 85°F (30°C).
- Provides a minimum of 90 minutes emergency illumination.

OR

- Maintenance free 6 volt nickle cadmium battery.
- Operating temperature range is 20°F (-7°C) to 104°F (40°C).
- Provides a minimum of 90 minutes emergency illumination.

options

- Time Delay (TD) – After power failure and power is restored, the lamp will remain illuminated for a 15 minute period (provided battery capacity remains).
- Manual Test Activation (LX) – To operate using a laser pen: passing laser briefly over the remote sensor simply duplicates the manual button (1, 2, 3) pushes.

warranty

- Five year warranty on units. (lamps not included)

Green Product Choice: CTX6L12WCSWA

Catalog Number	Volts	Total Wattage	Remote <sup>2</sup>	Housing Color <sup>1</sup>	LampType <sup>2</sup>
<b>Lead Calcium:</b>					
CTX6L12WCSWA	6	12	none	White	5.4W tungsten
CTX6L12WCSWD	6	12	none	White	6W halogen
CTX6L18WCSWC	6	18	none	White	9W tungsten
CTXR6L18WCSWA	6	18	6W	White	5.4W tungsten
CTXR6L18WCSWD	6	18	6W	White	6W halogen
CTXR6L24WCSWA	6	24	12W	White	5.4W tungsten
CTXR6L24WCSWD	6	24	12W	White	6W halogen
CTX6L24WCSWF	6	24	none	White	12W halogen
<b>Nicad:</b>					
CTX6N12WCSWA	6	12	none	White	5.4W tungsten
CTX6N12WCSWD	6	12	none	White	6W halogen
CTX6N24WCSWF	6	24	none	White	12W halogen
CTXR6N24WCSWD	6	24	12W	White	6W halogen

Remote Lamp Heads



Catalog Number	No. of Heads	Voltage	Wattage	Finish	Lamp
CR1CSWA	1	6	5.4	White	tungsten
CR1CSWC	1	6	9	White	tungsten
CR1CSWD	1	6	6	White	halogen
CR1CSWF	1	6	12	White	halogen



Catalog Number	No. of Heads	Voltage	Wattage <sup>3</sup>	Finish	Lamp
CR2CSWA	2	6	5.4	White	tungsten
CR2CSWC	2	6	9	White	tungsten
CR2CSWD	2	6	6	White	halogen
CR2CSWF	2	6	12	White	halogen

Options

- TD – 15 min. Time Delay
- LX – Laser activation of manual test via handheld remote control transmitter, RLT (sold separately)
- LS – Less Self-Test of lamps

Accessories (Order Separately)

- RLT – Remote Laser Tester
- WGS – Wire Guard (wall mount)
- PCS1 – Polycarbonate Vandal Shield

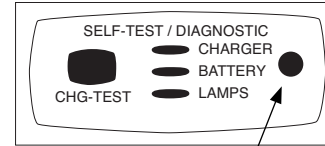
Footnotes

- <sup>1</sup> For black finish substitute "W's" in catalog number with "B's". Example: CTXR6L18BCSBD.
- <sup>2</sup> To order units without lamp heads attached, drop the last four characters of catalog number (i.e. CSWA) (Example: CTX6L18W)
- <sup>3</sup> Wattage indicated is per lamp head (CR2CSWA total wattage totals 10.8W).

**Xtest testing specifications**

- **Automatic Test:** The system charger and lamps are continually being controlled via pre-determined parameters specific to each model configuration, auto-matically. The battery is controlled via a true open circuit test each hour after initial installation. Once a month the Xtest System illuminates lamps under load for 30 minutes, simulating a power outage with a true charger off condition, without affecting long-term battery life. This is above and beyond the requirements of the National Fire Protection Association. This gives you unequaled control and confidence, knowing you are meeting self-test code requirements each and every month.
- **Manual Test:** A manual test switch allows for the **Xtest** system to perform the following tests at any time:  
 Press Button:  
 Once - 5 second test, charger off, no load  
 Twice - 60 second test, charger off, lamps on  
 Three - 90 minute test, charger off, lamps on  
 6-Second Hold - Fully reinitializes micro-processor.  
 Pressing once during any test will cancel/abort testing.

**Xtest Status Indicator Panel**



Location of sensor for laser activation of manual test via handheld remote laser tester (this is an optional feature, specify "LX" option)

**Fault Indications:**

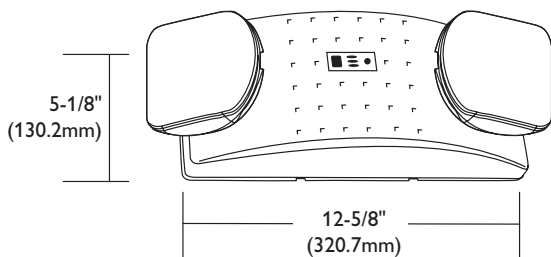
Four LED indicators provide visible indication of system status:

AC/Green	Charger/Red	Batt/Red	Lamp/Red	Status/Fault	Action
On				AC power is on/ok	None
F				Performing Test	None
On	F	F	F	Lamp/Battery Disconnected or Charger Fault	Check connections; if ok, replace circuit board
On	F			Charger fault	Replace circuit board
On		F		Battery disconnected/fault	Check connection or replace battery
On			F	Lamp disconnected/bad or remote disconnected	Check connection then press manual test once to determine bad lamp/replace lamp or check remote lamp.*

On=Steady    F=Flashing    Blank=Off

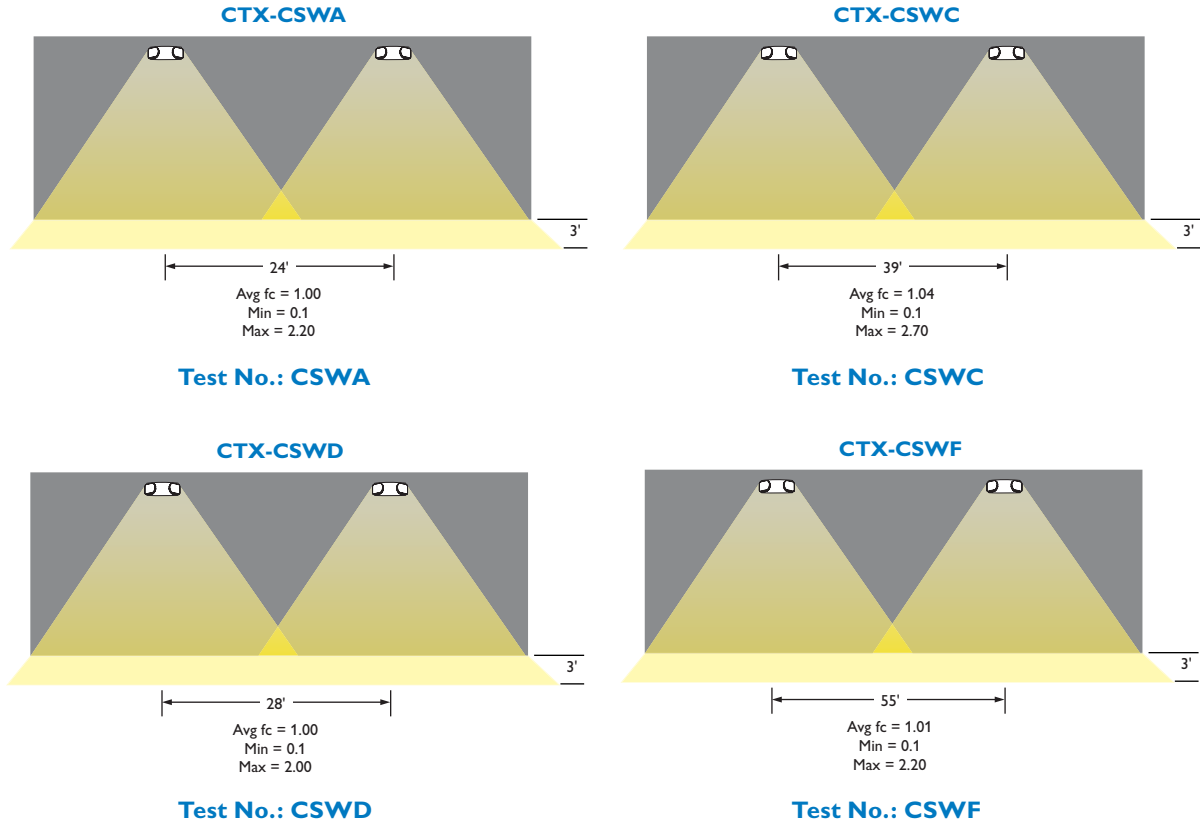
\*If unit has remote capacity and remote cable is connected to charger board but not connected to a remote load, then either connect remote load or disconnect cable from charger board.

**dimensions**



performance

Meets Life Safety Code standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes open space with no obstructions, mounting height: 8', ceiling height: 9', and reflectances: 80/50/20. Analysis based on independently tested photometrics.



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