

Commercial Emergency

CTX6 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.

electronics Xtest

- All units utilize a microprocessor and contain the **Xtest** self-diagnostic/self-test circuitry.
- Each unit includes low voltage disconnect, AC lockout, and brownout protection.
- Each unit with **Xtest** circuitry will 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:
 - 120V= 42 mA Line Amps = 5.1W input Wattage
 - 277V= 22.6 mA Line Amps = 6.26W input Wattage

lamps

- Standard unit contains two 6 volt, 5.4W tungsten lamps.
- Units with the "H" option contain two 6 volt, 6W halogen lamps.
- The 18 Watt unit comes standard with 9W tungsten lamps.

battery

- 6V Maintenance free 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.

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.
- Less Self TEST (LS) – Lamps will not come on when the unit performs its automatic monthly self-test functions.

warranty

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

Green Product Choice: CTX6

| Catalog Number | Volts | Total Wattage | Remote ¹ | Housing Color | LampType |
|----------------------|-------|---------------|---------------------|---------------|---------------|
| Lead Calcium: | | | | | |
| CTX6 | 6 | 12 | None | White | 5.4W tungsten |
| CTX6B | 6 | 12 | None | Black | 5.4W tungsten |
| CTX6H | 6 | 12 | None | White | 6W halogen |
| CTX6BH | 6 | 12 | None | Black | 6W halogen |
| CTX618 | 6 | 18 | None | White | 9W tungsten |
| CTX618R | 6 | 18 | 6W | White | 5.4W tungsten |
| CTX618HR | 6 | 18 | 6W | White | 6W 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)

- WG5** – Wire Guard
- PCS1** – Polycarbonate Vandal Shield
- RLT** – Remote Laser Transmitter

Footnote:

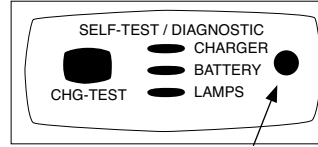
¹ Refer to CA-51300 for matching remote lamp heads.

Xtest testing specifications

- Automatic Test: The system charger and lamps are continually being controlled via pre-determined parameters specific to each model configuration, automatically. The battery is controlled via a true open circuit test each hour after initial installation. One each 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 unequalled 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:

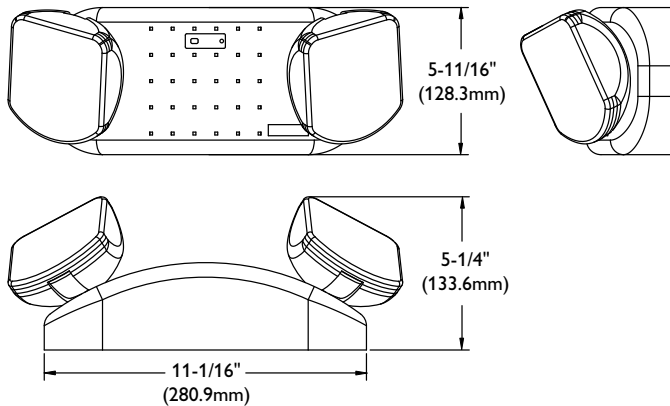
Four LED indicators provide visible indication of system status:

| 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.* |

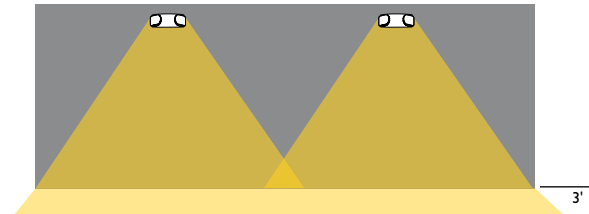
On=Steady F=Flashing Blank=Off

*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



photometry



| | lamp | spacing | avg. fc. | max. fc. | min. fc. |
|--------|---------------|---------|----------|----------|----------|
| CTX6 | 5.4W tungsten | 24ft. | 1.0 | 2.00 | 0.1 |
| CTX618 | 9W tungsten | 39ft. | 1.4 | 2.70 | 0.1 |
| CTX6H | 6W halogen | 28ft. | 1.00 | 2.00 | 0.1 |

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.

Test Numbers:

- CTX6 - CSWA
- CTX618 - CSWC
- CTX6H - CSWD



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 776 South Green Street • Tupelo, MS 38804
 p. 800.234.1890 • f. 662.841.5501
 Canadian Division
 189 Bullock Drive • Markham, Ontario L3P 1W4
 p. 905.294.9570 • f. 905.294.9811

Contact Factory for Additional Configurations.
 Specifications are subject to change without notice.