

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.
- 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.
- 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.

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
CTX618	6	18	None	White	9W tungsten

Accessories (Order Separately)

- WGS** – Wire Guard
- PCS1** – Polycarbonate Vandal Shield

Footnote:

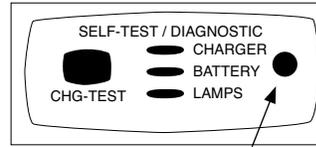
¹ Refer to CA-51300 for matching remote lamp heads.

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 unequal 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:

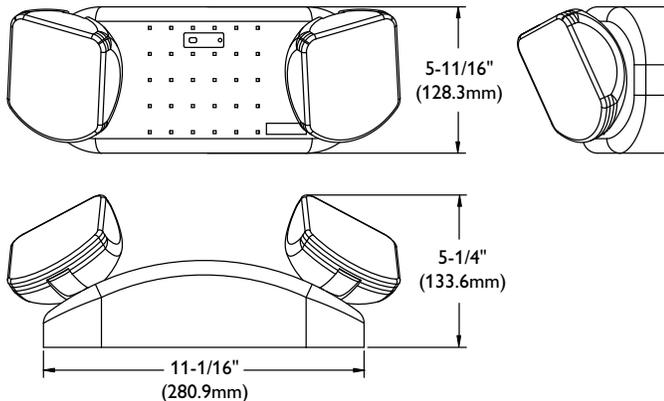
Four LED indicators provide visible indication of system status:

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.*

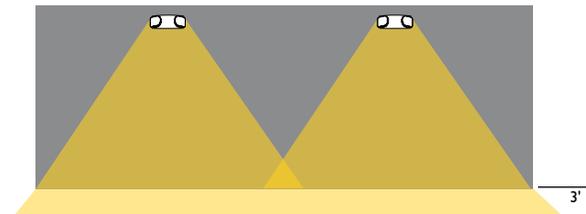
On=Steady F=Flashing Blank=Off

*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

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

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Philips Lighting North America Corporation
200 Franklin Square Drive, Somerset, NJ 08873
Tel. 855-486-2216

Philips Lighting Canada Ltd.
281 Hillmount Rd, Markham, ON, Canada L6C 2S3
Tel. 800-668-9008