

**Commercial Emergency**

**CFX6 Series**  
 Compac® Fixed Lens  
 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)
- Low profile meets ADA specifications on lighting fixtures

**construction**

- Flame rated, UV stable ABS thermoplastic housing.
- Units are available in a white finish only.
- Lenses are constructed of a high impact resistant polycarbonate material.

**installation**

- Snap together quick mount design.
- Unit can be wall or ceiling mounted.
- Unit mounts up to a standard 4" square or octagon outlet box.

**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: 6.12 Watts (.051 mA) @ 120V, 6.37 Watts (.023 mA) @ 277V.

**lamps**

- Standard units contain two 6 volt, 5 Watt MR11 halogen lamps which are adjustable.

**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: CFX6**

Catalog Number	Volts	Total Wattage	Housing Color	LampType
Lead Calcium: <b>CFX6</b>	6	12	White	5W MR11

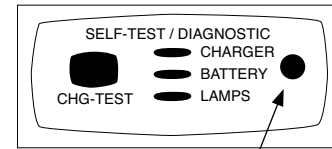
**Accessories (Order Separately)**

- WG3** – Wire Guard
- PCS1** – Polycarbonate Vandal Shield

**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:

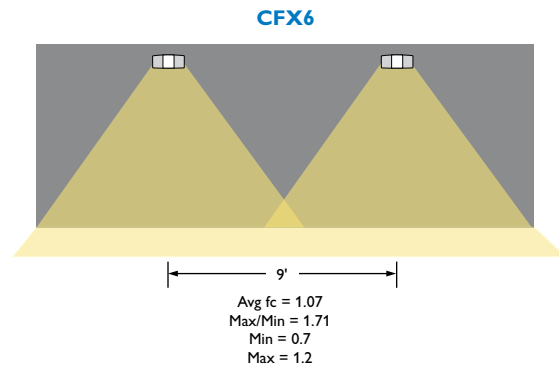
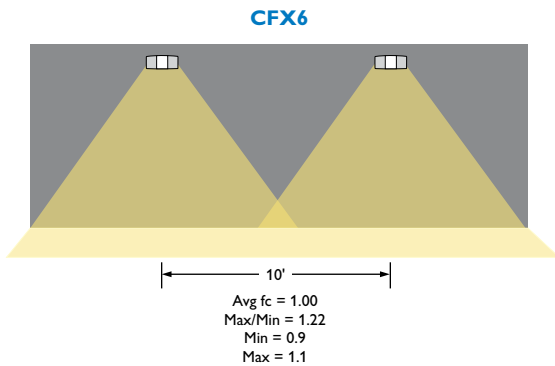
AC/Green	Charger/Red	Batt/Red	Lamp/Red	Status/Fault	Action
On				AC power is on/OK	None
F				Performing Test	None
On	F	F	F	Lamp/Battery Disconnected or Charger Fault	Check connections; if ok, replace circuit board
On	F			Charger fault	Replace circuit board
On		F		Battery disconnected/fault	Check connection 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

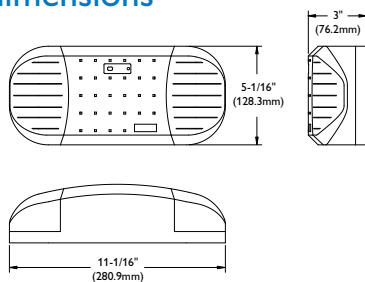
\*If unit has remote capacity and remote cable is connected to charger board but not connected to a remote load, then either connect remote load or disconnect cable from charger board.

**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.



**dimensions**



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