

# CM-22300

## Commercial Emergency

### CAX6 Series

Compac® Semi-Recessed Head  
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 specification on lighting fixtures

#### construction

- This unit is offered with a white ABS thermoplastic housing which is UV-stable and flame rated.

#### installation

- Snap-together quick mount design.
- Mounts up to a standard 4" square 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 will 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:  
Maximum: 2.86 Watts (.0237mA).  
Normal: 2.05 Watts (.0171mA) @ 120 or 277 Volts.

#### lamps

- Semi-recessed, adjustable eyeball style lamp heads.
- The standard unit contains 6V, 6W MR16 lamps. Units with the "H" option contain two 6V, 8W halogen MR16 lamps.

#### battery

- Choice of 6V maintenance free sealed lead acid battery with a service life of 5 to 7 years and an operating temperature range of 65°F (19°C) to 85°F (30°C).
- 6V maintenance free nickel cadmium battery with a service life of 8 to 10 years and an operating temperature range of 20°F (-7°C) to 104°F (40°C).
- Both provide a minimum of 90 minutes emergency illumination.

#### warranty

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

## Green Product Choice: CAX6

Catalog Number	Volts	Housing Color	LampType
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#### Lead Calcium:

<b>CAX6</b>	6	White	MR16 6W
<b>CAX6H</b>	6	White	MR16 8W

#### Ni-Cad:

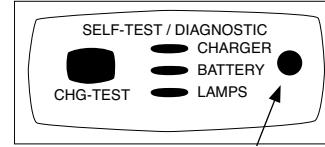
<b>CAX6NH</b>	6	White	MR16 8W
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#### Accessories (Order Separately)

- WG4** – Wire Guard (Wall Mount only)
- PCS1** – Polycarbonate Vandal Shield

# PHILIPS CHLORIDE

**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:**

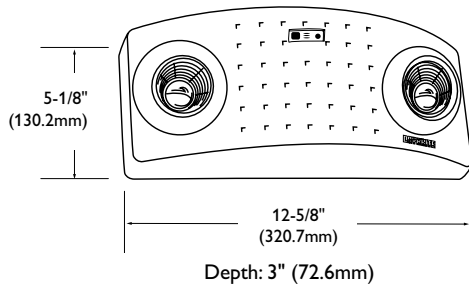
Four LED indicators provide visible indication of system status:

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.

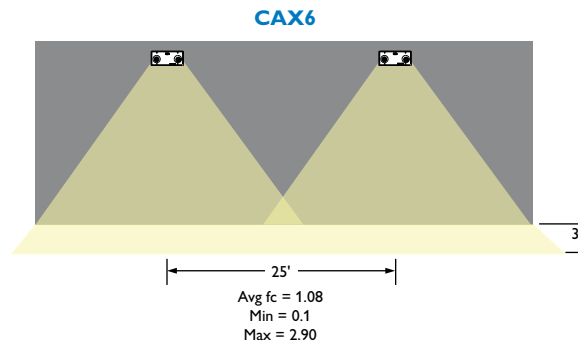
**dimensions**



**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.

Note: All illustrations based on a 3' path of egress.



**Test No.: 24401**

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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