

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.
- Black is available.

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.

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.
- Damp Location Rated (DR) – All products specified with the "DR" Damp Location rated option will contain conformal coated circuit boards as required by UL.
- Less Self TEST (LS) – Lamps will not come on when the unit performs its automatic monthly self-test functions.

warranty

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

Green Product Choice: CAX6

Catalog Number	Volts	Housing Color	LampType
Lead Calcium:			
CAX6	6	White	MR16 6W
CAX6H	6	White	MR16 8W
CAX6B	6	Black	MR16 6W
CAX6BH	6	Black	MR16 8W
Ni-Cad:			
CAX6N	6	White	MR16 6W
CAX6NH	6	White	MR16 8W
CAX6NB	6	Black	MR16 6W
CAX6NBH	6	Black	MR16 8W

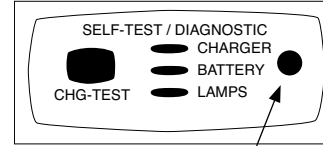
Options

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

Accessories (Order Separately)

- WG4** – Wire Guard (Wall Mount only)
- PCS1** – Polycarbonate Vandal Shield
- RLT** – Remote Laser Transmitter

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:

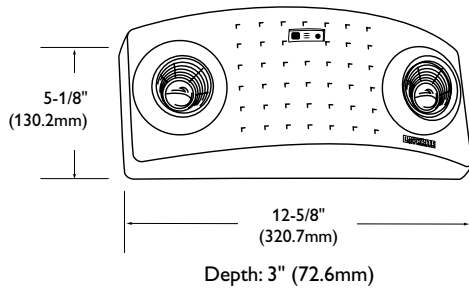
Four LED indicators provide visible indication of system status:

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.

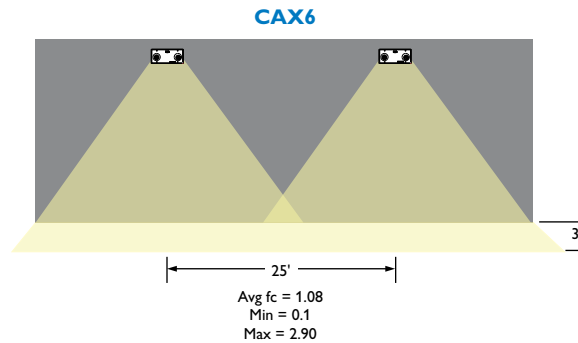
dimensions



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