

# CHLORIDE

by  Signify

## Exit/Emergency

MCAG series

Recessed gimbal  
Chicago Approved



Project: \_\_\_\_\_  
Location: \_\_\_\_\_  
Cat.No: \_\_\_\_\_  
Type: \_\_\_\_\_  
Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
Notes: \_\_\_\_\_

### Example: MCAG1C

Catalog Number	Battery	Voltage	Wattage	Lamp
MCAG1C	Lead Calcium	6	12	12W halogen

### Options

**B** - Black Finish  
**SP** - Special Paint Finish - Specify Color

### codes and standards

- UL listed to standard 924
- NFPA 101 (Life Safety Code)
- NFPA 70 (National Electric Code)
- OSHA standards
- City of Chicago codes
- Meets CCEA plenum rating requirements

### construction

- Housing, Plaster Ring and Gimbal Trim are constructed from heavy duty steel finish in neutral cream baked-on powder paint providing scratch and corrosion resistance.

### installation

- A plaster ring is supplied with provisions for mounting bars (supplied by installer).
- A junction box is included with the plaster ring assembly for making AC connections to the unit.
- The gimbal/lamp assembly is provided with a plug-in connector.

### electronics

- Fully automatic, temperature compensating, variable rate float charger.
- A solid state transfer circuit provides load connection.
- Momentary test switch and LED AC-On indicator light AC initial unit power-up saving installation time.
- AC Lockout prevents battery discharge prior to initial unit power-up saving installation time.
- Low Voltage Battery Disconnect protects the battery from being severely damaged by deep discharge during prolonged power failures.
- DC Overload and Short Circuit Protection are provided by a disconnect circuit that automatically resets itself when the fault condition is corrected.
- Brownout Protection automatically switches the unit to emergency mode when utility voltage is reduced to the point at which most fluorescent light fixtures would extinguish.
- 120/277 VAC, 60Hz.
- Power Consumption: 15 Watts maximum.

### lamps

- High output bi-pin halogen lamps maximize illumination characteristics through a specially designed reflector and glass lens assembly that provides glare free trapezoidal light distribution.
- Lamp heads are provided with 6V, 12W halogen bi-pin lamps.
- The Gimbal Ring allows full adjustment of the unit lighting head.

### battery

- Maintenance free sealed lead acid battery.
- Operating temperature range is 68°F (20°C) to 86°F (30°C).
- All batteries provide a minimum of 90 minutes emergency illumination while in the emergency mode.

### warranty

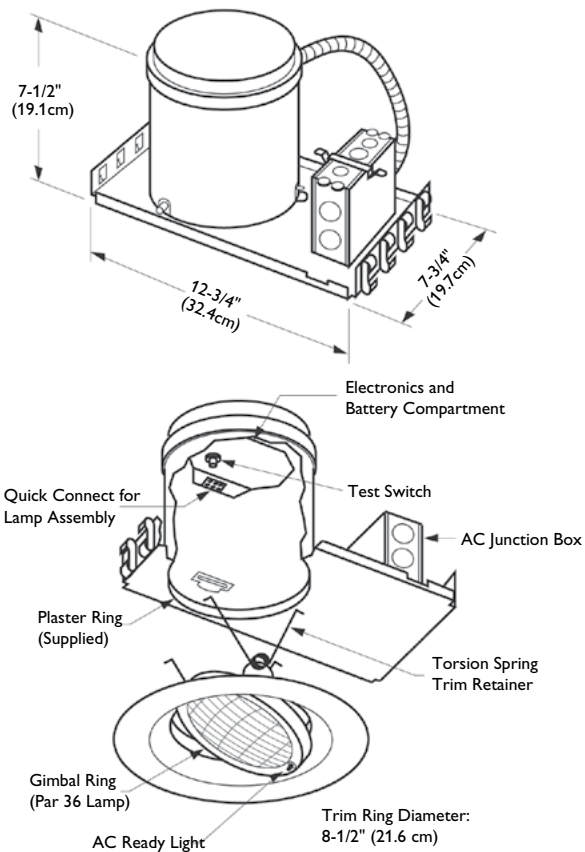
- Unit: (Including LED lamps) 3 years full coverage against defects in materials and workmanship from the date of shipment.
- Battery: 3 years full warranty plus an additional 7 years of pro-rata coverage.



# MCAG Recessed gimbal, Chicago Approved

12W

## dimensions



## Operation

Model No.	Volts	Watts for 1.5 hrs.	Watts for 2 hrs.	Watts for 3 hrs.	Watts for 4 hrs.	Standard Lamp	Weight (lbs.)
MCAG1C	6	12	8			12W halogen (-08)	8

