

GENERAL DESCRIPTION

Chloride's GM2/GM3 series emergency lighting units are decorative and economical. Their attractive design and ease of installation makes them ideal for commercial, institutional and retail applications. The GM3 unit offers the option of 6 Watt remote capability.

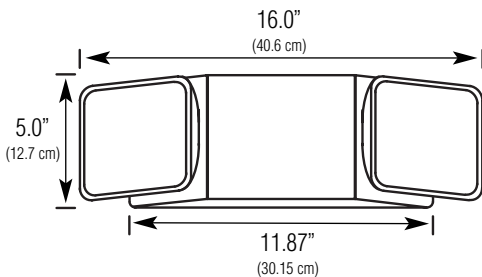
ILLUMINATION

Illumination is provided by two fully adjustable polycarbonate lamp heads. Each lamp head utilizes a high performance parabolic reflector in conjunction with a 6 VDC, 5.4 Watt T-5 wedge base tungsten lamp. High impact acrylic refractors minimize glare and maximize optic control.

INSTALLATION

A labor saving snap together design eases installation. Mount the backplate directly to a junction box via the universal mounting pattern knockouts then snap the housing into place. Unit may be mounted to walls or ceilings.

DIMENSIONS



Dimensions are approximate and subject to change.

GM2/GM3 Series

Decorative Emergency Lighting

6 Volt, 11 Watt & 6 Volt, 17 Watt Unit

Maintenance Free, Sealed Lead Calcium Battery

HOUSING

Constructed of impact resistant, UL 94 V-0, 5 VA thermoplastic, completely self contained.

White housing is standard, with an optional black housing available.

ELECTRONICS

120/277 VAC dual voltage input with surge-protected, solid-state charging circuitry provides for a reliable charging system.

Charging system is complete with low voltage disconnect, AC lockout, brownout protection, AC indicator lamp and test switch.

BATTERY

Maintenance free, sealed lead calcium battery

Supplies 90 minutes of emergency power

Estimated service life of 5 years

Operating temperature range of 68°F (20°C) to 104°F (40°C)

ELECTRICAL SPECIFICATIONS

120 VAC, 60 HZ, .045 A

277 VAC, 60 HZ, .020 A



SHOWN: GM2AD

CODE COMPLIANCE

UL 924 listed

UL damp location listed standard, 68°F (20°C) to 104°F (40°C)

NFPA 101, NEC, BOCA, OSHA and IBC illumination standards

WARRANTY

Three year full electronics warranty

One year full plus four year prorated battery warranty

SELF-TESTING DIAGNOSTICS (OPTIONAL)

Continuously monitors the critical functions of the equipment, including: battery disconnect, battery failure, charger failure, transformer failure and lamp failure.

Self-Testing routine performs a one-minute test every 30 days, a 30-minute test on the 6th month and a 90-minute test annually.

ORDERING INFORMATION (EXAMPLE: GM2AD)



SERIES

GM2 = 6 Volt, 11 Watt Emergency Lighting Fixture
GM3 = 6 Volt, 17 Watt Emergency Lighting Fixture With 6 Watt Remote Capability



HOUSING COLOR

Blank = White
B = Black



FACTORY INSTALLED OPTIONS

AD = Self-Diagnostics (available in white housing only)

ACCESSORIES (order as a separate line item)

WG5 = Wire Guard

Specification Data for GM2/GM3 Emergency Lighting Unit

SUGGESTED SPECIFICATION

Furnish and install Chloride's decorative emergency lighting model _____ . The unit shall be constructed to meet Underwriter's Laboratories, Inc. Standard #924 and must be installed to conform to Article 700 of the National Electrical Code (NEC).

INSTALLATION AND OPERATION - Unit shall be easily field connected to a 120 or 277 VAC, 60 hertz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. Upon utility power failure or brownout, the unit shall automatically provide emergency battery power and maintain the stated illumination level and output wattage for a minimum period of 90 minutes. Upon restoration of utility power, the charging circuitry shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes. The unit shall be damp location listed standard.

CHARGING CIRCUITRY - Unit shall utilize a solid-state, fully automatic, voltage regulated charging system which will maintain the battery at full capacity without the need for periodic exercising or equalization. The following features shall be standard: low voltage disconnect (LVD), brownout protection and AC lockout.

BATTERY - The battery shall be maintenance free, sealed lead calcium with an optimum operating temperature range of 68°F (20°C) to 104°F (40°C). All normal gassing shall be contained within the battery casing, and will not escape into the atmosphere. Gasses created during recharge cycles will recombine with existing electrolyte. The battery shall have a recommended service life of 5 years when operated at optimum operating temperature.

ILLUMINATION - The product shall incorporate two fully adjustable lamp heads, which include a parabolic reflector design and utilize a 6 VDC, 5.4 watt T-5 wedge base tungsten lamp. The lamp head lens shall be constructed of high impact, prismatic, UV stabilized acrylic, and will effectively control sight line glare.

HOUSING - The housing shall be constructed of impact resistant, UL 94 V-0, 5 VA white thermoplastic, completely self contained.



CHLORIDE
SYSTEMS

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