

GENERAL DESCRIPTION

The GM4 series emergency lighting unit is compact and contemporary styled with two flush mounted fresnel lenses. The attractive design and ease of installation makes it ideal for commercial, institutional and retail applications. The unit can be mounted on walls or ceilings.

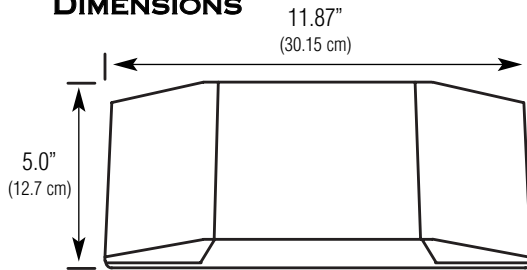
ILLUMINATION

Illumination is provided by two 6 VDC, 5.4 watt T-5 lamps and flush mounted fresnel lenses that maximize light output and provide glare free light distribution.

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.

GM4 Series

Decorative Emergency Lighting

6 Volt, 11 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.

Snap together backplate and housing incorporates a self-connecting power plug making installation quick and easy.

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 86°F (30°C)

ELECTRICAL SPECIFICATIONS

120 VAC, 60 HZ, .006 A

277 VAC, 60 HZ, .031 A



SHOWN: GM4

CODE COMPLIANCE

UL 924 listed

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

WARRANTY

Three year full electronics warranty

One year full plus four year prorated battery warranty

ORDERING INFORMATION (EXAMPLE: GM4)

GM4

SERIES

GM4 = 6 Volt, 11 Watt
Emergency
Lighting Fixture



HOUSING
COLOR

Blank = white

Specification Data for GM4 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.

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 86°F (30°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 - Illumination shall be provided by two 6 VDC, 5.4 watt T-5 lamps and flush mounted fresnel lenses that maximize light output and provide glare free light distribution.

HOUSING - The housing shall be constructed of impact resistant, UL 94 V-0, 5 VA white thermoplastic, completely self contained. The snap together lens and body and self-connecting power plug enable wall or ceiling installation.



CHLORIDE
SYSTEMS

272 West Stag Park Service Road • Burgaw NC 28425
Telephone: (910) 259 1000 • Facsimile: (800) 258 8803
www.chloridesys.com

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