

CHLORIDE SYSTEMS

TYPE: _____

CATALOG NO.: _____

General Description

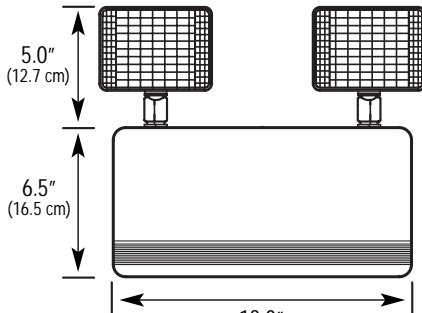
The 6MF/12MF Series provides a proven, reliable source of egress lighting housed in a classically designed package. Available in a wide variety of battery wattages, the 6MF/12MF Series incorporates high performance electronics in an attractive, impact-resistant thermoplastic housing. The 6MF/12MF Series meets the Buy American requirements.

Illumination

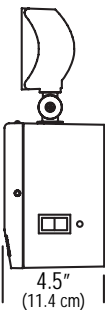
Illumination is accomplished with up to three lamp heads mounted on the top of the unit. Most often specified is Chloride's "J" Series rectangular lamp heads. The "J" Series lamp heads incorporate a high performance parabolic reflector with a wedge base tungsten lamp allowing maximum spacing between units along a path of egress. A complete offering of Par 36 sealed beam tungsten or halogen lamp heads are also available.

Dimensions

Front View



Side View



Dimensions are approximate and subject to change.

6MF/12MF Series

Thermoplastic Emergency Lighting Units

6 and 12 Volt, 18 to 50 Watts

Lead Calcium or Nickel Cadmium Battery



Housing

Constructed of impact resistant, UL 94 V-0, 5 VA white thermoplastic.

Universal J-box mounting pattern, keyhole slots or shelf mounting.

Includes a low profile test switch and AC indicator light mounted on the side of unit.

Electronics

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

Lead calcium units utilize a solid-state, fully automatic, voltage regulated charger.

Nickel Cadmium units utilize a solid-state, constant voltage charger.

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

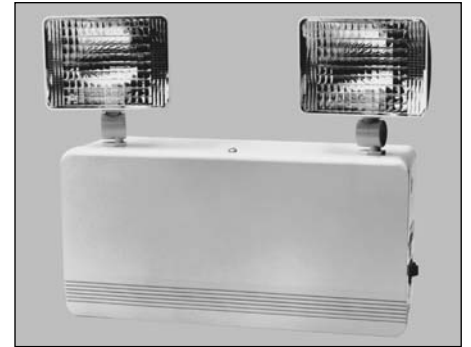
Optional ACCU-TEST Self Diagnostics includes an automatic 3 minute discharge test every 30 days. A manual test is available from 1 to 90 minutes.

Battery

Maintenance free, sealed lead calcium battery has an estimated service life of 5 years, and an operating temperature range of 65°F (19°C) to 85°F (30°C)

Maintenance free, sealed nickel cadmium battery has an estimated service life of 10 years, and an operating temperature range of 20°F (-7°C) to 95°F (35°C)

Batteries supply 90 minutes of emergency power



Shown: 6MF18WJ962

Code Compliance

UL 924 listed

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

Optional Damp Location listing available on the following models: 6MF18, 6MF25, 6MF36, 6MF50, 12MF36, 12MF50

Electrical Specifications

Input power requirements

120 VAC - 0.18 amps, 20 watts

277 VAC - 0.08 amps, 20 watts

Warranty

Three year full electronics warranty

One year full plus four year prorated lead calcium battery warranty

Five year full plus five year prorated nickel cadmium battery warranty

Ordering Information (Example: 6MF18WJ962)

SERIES/ BATTERY	DC WATTAGE	HOUSING COLOR	LAMP HEADS	# OF HEADS	FACTORY INSTALLED OPTIONS
6MF = 6 Volt, Lead Calcium	6 Volt, Lead Calcium 18 = 18 Watt 25 = 25 Watt 36 = 36 Watt 50 = 50 Watt	W = White	6 Volt J66 = 5.4 Watt J76 = 7.2 Watt J96 = 9 Watt 12 Volt J912 = 9 Watt J1212 = 12.5 Watt J1812 = 18 Watt	3 = Three 2 = Two 1 = One blank = No Heads	A = Ammeter ² ACF1 = 120 VAC Fuse ACF2 = 277 VAC Fuse ACP1 = 120 VAC Power Switch ACP2 = 277 VAC Power Switch AD = ACCU-TEST Self-Diagnostics ADAL = ACCU-TEST with Alarm ADTD = ACCU-TEST with Time Delay ³ DCP = DC Power Switch DL = Damp Location Listing (Lead Calcium Only) ² EX = Special Input Transformer (Specify voltage & frequency) ¹ I = Lamp Heads Installed at Factory TD1 = 120 VAC Time Delay TD2 = 277 VAC Time Delay V = Voltmeter ²
6NMF = 6 Volt, Nickel Cadmium	6 Volt, Nickel Cadmium 14 = 14 Watt 18 = 18 Watt 25 = 25 Watt 50 = 50 Watt				
12MF = 12 Volt, Lead Calcium	12 Volt, Lead Calcium 36 = 36 Watt 50 = 50 Watt				
12NMF = 12 Volt, Nickel Cadmium	12 Volt, Nickel Cadmium 25 = 25 Watt 50 = 50 Watt				

ACCESSORIES (order as a separate line item)

MSSELFW = White Mounting Shelf

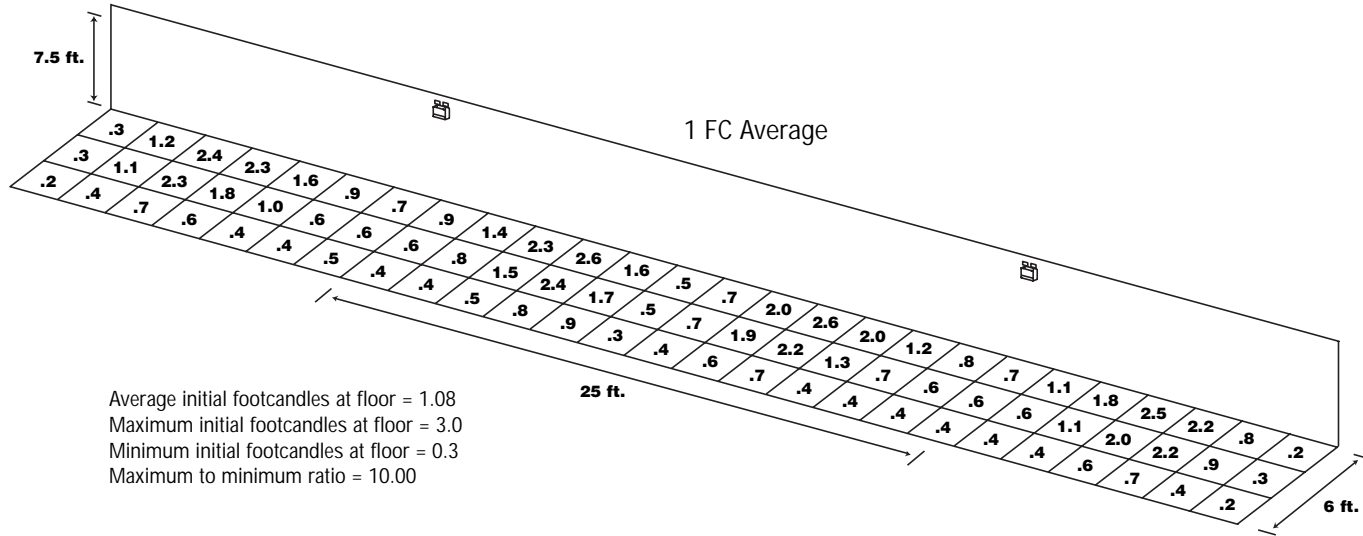
NOTES:

- Some option combinations may impact UL listing. Consult factory for specifics.
- Not available with AD, ADAL, or ADTD options.
- 15 minute delay

Specification Data for 6MF/12MF Series Thermoplastic Emergency Lighting Units

Optics*

Wall mounted 7.5' AFF, 'J96' 6 Volt 9 Watt Tungsten Lamps Represented



Average initial footcandles at floor = 1.08
 Maximum initial footcandles at floor = 3.0
 Minimum initial footcandles at floor = 0.3
 Maximum to minimum ratio = 10.00

* The optics layout shown is intended to be used as reference only. Standard reflectances used were 80/50/20. Chloride is not responsible for site specific conditions that may alter the results.

Suggested Specification

Furnish and install Chloride's emergency lighting unit model _____. The unit shall be constructed to meet Underwriter's Laboratories, Inc. Standard #924 and 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 transfer to battery power and maintain the required illumination level for a minimum period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

CHARGER - Product shall utilize either a constant current (nickel cadmium) or fully automatic, voltage regulated (lead calcium) charging system. The charging system shall 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 either a maintenance free, sealed nickel cadmium or lead calcium battery. The nickel cadmium battery shall utilize sintered plate construction and polypropylene separators for trouble-free operation in ambient temperatures up to 95°F (35°C). The lead calcium battery shall provide trouble-free operation in temperatures up to 85°F (30°C). Nickel cadmium batteries shall be supplied with a five year full warranty, and sealed lead calcium batteries shall be supplied with a one year full warranty.

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



CHLORIDE
SYSTEMS

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