

Project:	
Type:	
Catalog #:	



SPECIFICATIONS: INTERNAL

The MAVERICK has a 120-277V input. The 6V version comes standard with a lead acid battery. The 12V version comes standard with a nickel metal hydride (Ni-MH) battery. Both provide a minimum emergency duration of 90 minutes.

SPECIFICATIONS: EXTERNAL

The MAVERICK series is constructed from .100" thick, cast aluminum. Tamper resistant screws are optional to ensure the integrity of the battery unit. The MAVERICK series comes standard in a white color although custom color options are available upon request. The MAVERICK comes standard with an LED status indicator and test switch. Lamp and reflector assemblies are offered in a fully adjustable, high output MR16 halogen or LED configuration. Molded feet are designed for surface mounting.

SPECIFICATIONS: ELECTRICAL

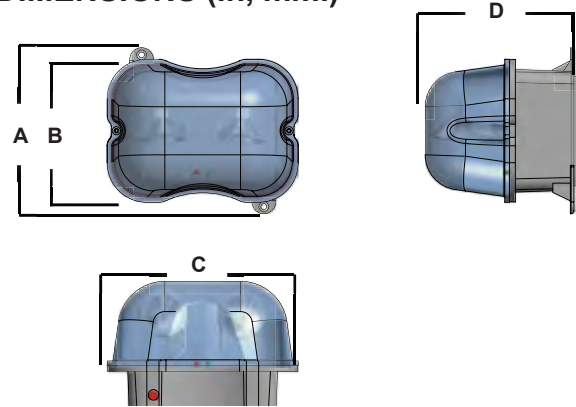
The MAVERICK series utilizes a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. A push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.



SPECIFICATIONS: BATTERY

The MAVERICK series is designed with either a maintenance free, sealed valve regulated lead acid battery or a Ni-MH battery that provides a minimum emergency duration of 90 minutes. Recharge time of the battery is less than 48 hours. The battery operating temperature is 50°F to 104°F (10°C to 40°C).

DIMENSIONS (in, mm.)



Series	A	B	C	D
MAV	7" 178mm	6 1/4" 159mm	8 1/4" 210mm	6 1/4" 159mm

ORDERING LOGIC

Series	Capacity	Lamp No.	Lamp Type	Options
MAV	6V 12W	1 (single lamp)	See Lamp Selection	AT (auto-test)
	12V 27W ²	2 (double lamp)		CC (custom color housing)
				LC (line cord)
				TLP (twist lock plug)
				TP (tamper proof screws)
				BPG9 (wireguard)

NOTE 1: Lead Acid battery.
NOTE 2: Ni-MH battery.
NOTE 3: Order as a separate line item (BPG9).

SPECIFICATIONS: MECHANICAL

The MAVERICK is constructed from a durable, die-cast aluminum housing. Universal knockout mounting pattern is cast into the mounting surface. Molded mounting feet are built in for surface mounting. Lamp loads are connected to the emergency power supply with sturdy terminal connectors. These connectors allow for a large gauge of wire to be used, increasing the flexibility or installation. The MAVERICK is supplied standard in a white powder coat, baked finish. Other colors are available, including color matching, please specify. CSA C22.2 No. 141 Performance Certified.

COMPACT DESIGN

The MAVERICK series of compact emergency lighting units are designed to withstand the elements and abuse in applications such as schools, corridors, institutions and apartment complexes. The die-cast aluminum body and polycarbonate lens offer protection and superior performance. Tamper resistant screws are optional and ensure the integrity of the battery unit.

INSTALLATION

The MAVERICK unit is suitable for surface wall or ceiling mounting. Suitable for indoor installations.

LAMP SELECTION

Lamp	6V	12V
MR16	6, 10W ¹	10, 12W
MR16 LED	5, 7W ²	2, 5, 7W

NOTE 1: 6V 10W only per single lamp.
NOTE 2: Single lamp only.

ELECTRICAL RATING

Uncharged					Full Charged						
Power (W)	AC Current (A) AC Voltage		Frequency (Hz)	DC Voltage (V)	DC Current (mA)	Stand By Power (W)	AC Current (A) AC Voltage		Frequency (Hz)	DC Voltage (V)	DC Current (mA)
	120V	277V					120V	277V			
14.56	0.13	0.07	50/60	11.97	0.64	2.1	0.068	0.034	50/60	13.66	0.00

NOTE: Electrical rating is for MR-16 7W/12V LED lamp only.

MODEL RATING GUIDE

Model	Voltage (output)	Wattage Rating 90 min
MAV-6-12	6	12
MAV-12-27	12	27

AUTOTEST

The FME autotest system automatically performs one 5 minute discharge test monthly, and every 6 months it performs two 90 minutes discharge tests, 24 hours apart. This tests both full battery capacity and re-charge capability. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED. A manual test feature is included when the autotest option is selected. The manual test will run a 30 second, 15 minute or 90 minute test by pressing the correct sequence of the test switch.

WARRANTY

The MAVERICK comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.