



# ML-CYC-HE



PROJECT: \_\_\_\_\_  
FIXTURE TYPE: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
CONTACT/PHONE: \_\_\_\_\_



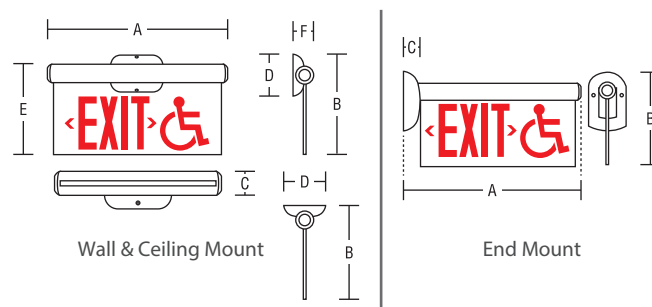
## SPECIFICATIONS: INTERNAL

AC only, and self-powered comes standard configured with high output LED technology, 120/277V input. Self-Powered (SA) models use nickel cadmium batteries that provide a minimum 90 minutes of emergency duration. Optional 120 minute duration battery is available. Solid state charger & transfer.

## SPECIFICATIONS: EXTERNAL

The ML-CYC-HE cylindrical housing is constructed as a single piece from extruded aluminum. The canopy is made from durable die-cast aluminum and the end caps from machined aluminum. The high clarity acrylic face plate is available in both single face or double face versions, with a clear, white or mirrored background (please specify). Field adjustable chevrons are standard. White, baked powder coat finish is standard on all versions. Available in custom colors and finishes (please specify). External LED monitor light and test switch are standard on self-powered versions.

## DIMENSIONS



Series	A	B	C	D	E	F
ML-CYC-HE - wall	18"	10.75"	2"	4.5"	9"	4"
	457mm	274mm	51mm	114mm	229mm	102mm
ML-CYC-HE - ceiling	18"	10.15"	2"	4.5"	9"	4"
	457mm	258mm	51mm	114mm	229mm	102mm
ML-CYC-HE - end	14.5"	10"	2"	N/A	N/A	N/A
	368mm	254mm	51mm	N/A	N/A	N/A



## ORDERING INFORMATION

Series	Model	LED	Face No.	Panel Color	Mounting	Options
ML-CYC-HE	HT = AC Only	LR = Red	1 = Single	C = Clear	WCS = Wall/Ceiling/Surface	CC (custom color)
	SA = Self-Powered	LG = Green	2 = Double	W = White	ES = End surface	BR (bronze)
				M = Mirror		PK (pendant kit - specify length 6" min.)
						BLK (black finish)
						BA (brushed aluminum)
						SW-HE (special wording: handicap exit)
						PA (polished aluminum)
						AN (anodized finish - specify)

EXAMPLE: ML-CYC-HE-SA-LR2-W-WCS-B-SW-HE

NOTE: For HE select SW-HE under options.



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## ELECTRICAL

**BATTERY:** The ML-CYC-HE SA is designed with a maintenance free, Nickel- Cadmium battery providing a minimum emergency duration of 90 minutes. Recharge time of the battery is twenty-four (24) hours. The maximum battery working temperature is 45°C.

**CIRCUIT:** The ML-CYC-HE is configured with high output, high efficiency LEDs. Standard with 120/277V input. All LED versions consume 2W or less nominal power.

## MECHANICAL

The ML-CYC-HE uses cutting edge technology and style. The one-piece cylindrical housing is extremely rigid and holds all of the LED circuitry in precision formed mounting channels. Indirect LED illumination lights the acrylic face with crisp, even light. The clear area of the ultra thin face plate virtually disappears once installed. Clear, white, mirrored or self-luminous backgrounds allow the ML-CYC-HE to be best matched to the decor. A wide variety of finishes and mounting configurations available will ensure that the ML-CYC-HE can be suited to your installation.

- Red: Battery or Circuit Malfunction
- Yellow: Lamp Malfunctioning
- Green: Normal Operation

## AUTOTEST

The Mule Autotest system performs one 5 minute discharge test monthly. Every 6 months two 90 minute discharge tests are performed. This tests both full battery capacity and recharge capability, as required by the fire code. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED. The Mule Autotest system also includes 0, 5, 10 or 20 minute time Autotest delay function to allow HID lighting to restrike.

## SELF-POWERED VERSIONS

The ML-CYC-HE SA is designed to operate on battery power in the event of a power failure. Both the battery and charger are completely contained within the standard enclosure. There are no alterations made to the external dimensions of the standard sign. The ML-CYC-HE SA utilizes a solid state transformer that eliminates the possibility of relay failure due to particle build up on the relay. Status is easily determined via an LED that indicates AC-ON. A push button test switch allows maintenance personnel to quickly confirm the operational status of the exit on AC fail.

## WARRANTY

The ML-CYC-HE comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.