

# FORMA (FME)

INDOOR | DAMP



Indoor Architectural Exits

Job/Location: _____	Job Type: _____
Contractor: _____	Date: _____
Prepared By: _____	



## ■ specifications: internal

The **FORMA** comes standard configured with high output LED technology, 120/277V input, available in red or green. AC only and Self powered versions are available. Nickel-cadmium batteries provide a minimum 90 minutes of emergency duration. Solid state charger & transfer. **FORMA** is indoor / damp location rated. Meets UL Std No. 924 - Emergency Lighting and Power Equipment. Fuse protection is standard.

## ■ specifications: external

The **FORMA** is designed to provide a durable, attractive and maintenance-free exit sign. The **FORMA** is manufactured from sturdy die-cast aluminum and comes standard with a brushed aluminum curved face and black housing. A universal mounting canopy is also included for ceiling and end mount applications. Indoor / damp location rated.

## ■ ordering logic

Series	Model	LED	Face No.	MOUNTING	Options
FME <sup>1</sup>	HT (AC only)	LR (red)	1 (single)	W (wall mount - no canopy)	AT (autotest - SA model only)
	SA (self-powered)	LG (green)	2 (double)	M (universal mount)	TP (tamper proof screws)
			U (universal)		CC (custom color- specify)
					PK12 (12" pendant kit)
					SW (special wording - flat face model only)
					2CK (dual circuit - HT model only)
					WW (white face, white body)
					BB (black face, black body)
					AA (brushed AL body and face)
					FF (flat face)
					120SA (120 minute emergency)
					UDC (6-24VDC)
					FAI <sup>2</sup> (fire alarm interface)
					FL <sup>3</sup> (visual alarm flasher)

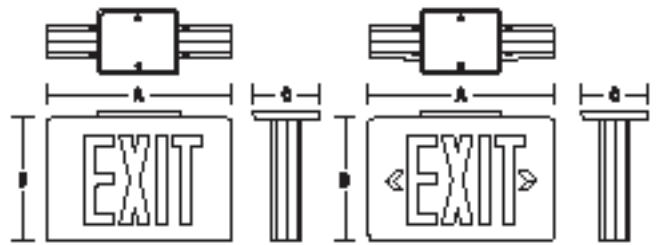
NOTE 1: Leaving options blank automatically results in the standard FME configuration: black housing and a brushed aluminum curved face.

NOTE 2: FAI option only available for SA model. Must specify voltage.

NOTE 3: HT (AC only) only for 120V. SA version requires AT.

EXAMPLE: FME-HT-LR-1M-WW

DESCRIPTION: AC only, red LED, single face, universal mount white face, white body



Series	A	B	C
FME (flat face)	12.5"	8.25"	2"
	317mm	210mm	51mm
FME (curved face)	12.75"	8.5"	2.25"
	324mm	216mm	57mm

## ■ specifications: electrical

**BATTERY:** The FORMA is designed with a maintenance free, Nickel-Cadmium battery providing a minimum emergency duration of 90 minutes. Recharge time is forty-eight (48) hours. The maximum working temperature is 45°C. The minimum working temperature is 10°C.

**CIRCUIT:** The FORMA is configured with high-output LED lamps. Standard with 120/277V input. All LED versions consume only 2W nominal power.

## ■ specifications: mechanical

The FORMA is constructed from durable die-cast aluminum. Universal mounting pattern and key hole slots are stamped on the back. A surface mount conduit entry knockout is also provided. Field removable directional chevrons are standard. The FORMA is supplied standard with a brushed aluminum curved face(s) and a black powder coated housing.

## ■ autotest

The Beghelli Autotest diagnostic system features continuous monitoring of the units main components (battery, charger, transformer, lamps & LED's) and providing instant visual verification of the status.

### AUTO-TEST FEATURES:

- Monitor battery disconnection, charger failure, lamp failure, LED failure and transformer fault every 5 seconds without discharging the battery.
- Automatically indicates lamp, battery and charger status by dual-color LED lamp.
- Factory preset Autotest does not need to be field adjusted or reset for proper operation.

### AUTO-TEST FUNCTIONS:

- Verifies battery disconnect, charger board failure, lamp failure, LED failure and transformer failure every 5 seconds.
- One (1) minute Autotest every month.
- Thirty (30) minute Autotest every six (6) months.
- Ninety (90) minute Autotest every twelve (12) months.

### Autotest VISUAL ALERT

- |                      |  |
|----------------------|--|
| (1) blink red LED =  | Battery not connected                          |
| (2) blinks red LED = | Battery shorted and/or<br>Battery voltage drop |
| (3) blinks red LED = | Charger board fault                            |
| (4) blinks red LED = | Transformer fault                              |
| (5) blinks red LED = | Emergency lamp fault                           |
| (6) blinks red LED = | Remote lamp fault                              |
| (7) blinks red LED = | LED lamp fault                                 |

### Autotest MANUAL FUNCTIONS:

- Press test button 1x (within 2 sec.) = 1 minute test
- Press test button 2x (within 2 sec.) = 5 minute test
- Press test button 3x (within 2 sec.) = 30 minute test
- Press test button 4x (within 2 sec.) = 90 minute test

## ■ self-powered

The FORMA is designed to operate on battery power in the event of a regular/mains power failure. Both the battery and charger are completely contained within the standard enclosure. The self-powered LED version comes standard with an external LED status indicator and test switch, autotest is optional.

## ■ die-cast design

The excellent visual performance and architecturally pleasing design makes the FORMA the premier choice for applications requiring the durability and the craftsmanship of die-cast aluminum exit signs. The standard brushed aluminum face blends well with any setting and provides a clean, contemporary look. The die-cast aluminum construction provides the FORMA with exceptional rigidity and strength.

## ■ warranty

The FORMA comes with a 5-year factory warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.