



Job/Location: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_

Job Type: \_\_\_\_\_  
 Date: \_\_\_\_\_

- The **FORTEZZA™ COMBO** is designed to stand up to high abuse areas such as correctional facilities, schools, apartment complexes, and public areas that may be subject to vandalism.
- **Installation:** The **FORTEZZA™ COMBO** is supplied with a universal mounting canopy for field installations. Suitable for indoor, outdoor, damp or wet location applications with IP66 protection.



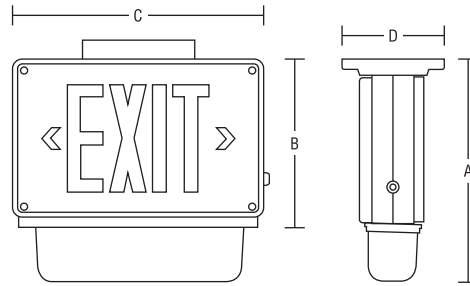
- **Housing:** The heavy gauge die-cast aluminum housing and high abuse polycarbonate faceplate offers extreme protection and superior performance with a contemporary look.
- The stencil is protected by a 1/8" thick, impact resistant polycarbonate shield that is recessed into the housing and fastened with 4 stainless steel tamper resistant screws.

### ■ specifications: internal

The **FORTEZZA™ COMBO** has a 120/277VAC input. The maintenance free, sealed nickel cadmium batteries provide a minimum 90 minutes of emergency duration. A two stage charger and transfer system is standard. Stage 1: a cyclic charge which brings the battery voltage to a higher pre-set level than its normal float voltage. Stage 2: charger will keep a constant charging current.

### ■ specifications: external

The **FORTEZZA™ COMBO** is constructed from .420" thick, heavy duty cast aluminum. The face plate is protected by high abuse clear polycarbonate, which is recessed into the housing. Stainless steel, tamper resistant screws are standard and ensure the integrity of the unit. The **FORTEZZA™ COMBO** comes standard in either black or white powder coat: please specify color. The **FORTEZZA™ COMBO** comes standard with an external LED status indicator and test switch. The lamp housing is constructed from a vandal-resistant polycarbonate for maximum durability.



Series	A	B	C	D
FTZC	13.25" 337mm	9" 229mm	14" 356mm	3.75" 95mm

### ■ ordering logic

EXAMPLE: FTZC 642 LR1W 2MR167WLED BB

Series	Operation	Capacity	LED	Face No.	Mounting	Lamps	Options
FTZ C	6 (V)	42W (6V, 12V)	LR (red)	1 (single)	W (wall)	See lamp selection	AT (autotest with 10 min. time delay)
	12 (V)		LG (green)		C (ceiling)	on next page	BB (black body)
					U (universal)		PK (pendant kit- specify)
							WW (white body)

## ■ emergency heads

The **FORTEZZA™ COMBO** is supplied with two [2] bottom mounted MR16 style lamps. The lamps are enclosed in a vandal-resistant polycarbonate shield. The high abuse clear polycarbonate lens provides protection to the lamps. Tamper resistant screws are standard. The emergency light enclosure comes standard with a vacuum metalized reflector for an aesthetic look.

## ■ specifications: electrical

**BATTERY:** The **FORTEZZA™ COMBO** is designed with nickel-cadmium batteries providing a minimum emergency duration of 90 minutes. Recharge time of the battery is twenty four [24] hours. The maximum battery operating temperature is 40°C (104°F) and the minimum is 10°C (50°F).

**CIRCUIT:** The **FORTEZZA™ COMBO** utilizes a high-efficiency two stage charger providing a fully automatic constant charging current 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. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

## ■ specifications: mechanical

The **FORTEZZA™ COMBO** is constructed of extra heavy duty die-cast aluminum with a 1/8" thick polycarbonate protective shield. Stainless steel, tamper resistant screws are standard. Field adjustable chevrons are standard. The **FORTEZZA™ COMBO** is standard in an attractive matte black or white finish. The polycarbonate face shield is recessed into the housing making the **FORTEZZA™ COMBO** one of the most rigid, yet attractive high abuse signs on the market.

## ■ lamp selection

	6V	12V
MR16 LED	5, 7W	2, 5, 7W

## ■ model rating guide

Model	Voltage	Wattage			
		90min	120min	180min	240min
FTZC 642	6	42	29	21	15
FTZC 1242	12	42	29	21	15

## ■ autotest

The Beghelli autotest system automatically performs one 5 minute discharge test monthly and every 6 months it performs two 30 minute discharge tests, 24 hours apart. This tests both full battery capacity and recharge capability. The information is communicated simply and intuitively to maintenance personnel via a single multicolor LED. No need to memorize complex indicator protocols. No confusing array of multiple, same colored LEDs that can be difficult to read from floor level. The **FORTEZZA™ COMBO** Auto-Test option includes an automatic 10 minutes time delay function to allow for HID lighting to "warm up"

## ■ warranty

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