FTZ-C

IP66 | WET | VANDAL RESISTANT

BAA / ARRA

SANITATION LISTED
Conforms to
ANSI / NSF
STD NO. 2
Intertek
9901281

CSA®
C   US

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

- 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.
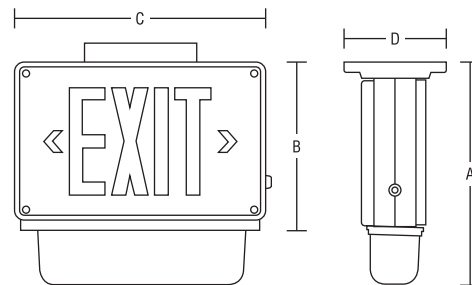
- **Housing:** The heavy gauge die-cast aluminum housing and high abuse polycarbonate faceplate offers extreme protection and superior performance with a contemporary look.

- 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
FTZ-C	13.25"	9"	14"	3.75"
	337mm	229mm	356mm	95mm

■ ordering logic

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

NOTE 1: Specify top or end mount.

EXAMPLE: FTZ-C-642W-LR1W-2MR16-10-PK
DESCRIPTION: 6V 42W, Ni-Cd, single face, red LED, Wall Mount, 2x10W MR16 pendant kit

Technical

■ 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	6, 10W	10, 20W
MR16 LED	5, 7W	2, 5, 7W

■ model rating guide

Model	Voltage	Wattage			
		90min	120min	180min	240min
FTZ-C-6-42	6	42	29	21	15
FTZ-C-12-42	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.