

# TEMPESTA™ (TA)

IP65 | WET | VANDAL RESISTANT | SANITATION | BAA



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

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

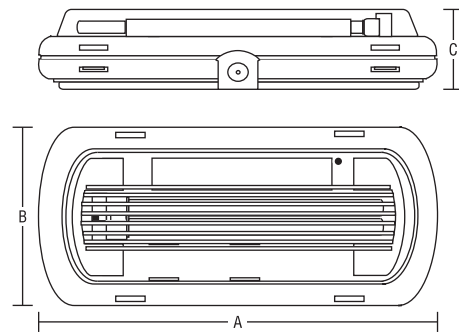


## ■ specifications: internal

The TEMPESTA™ is configured with 120/277V input. The automatic recharge circuit is regulated by an electronic volt sensor, offered standard with a 5 cell nickel cadmium battery pack that provides a minimum of 90 minutes emergency duration. An optional Ni-Mh is available. Autotest diagnostics is standard on all TEMPESTA™ emergency units. Ambient operating temperature is: 10°C/45°F maximum: 40°C/104°F. TEMPESTA™ comes standard with the 24W compact fluorescent lamp. The TEMPESTA™ SE version provides 1350 lumens of emergency illumination.

## ■ specifications: external

The TEMPESTA™ housing is constructed from high quality corrosion, flame and vandal resistant polycarbonate. Mounting locations for ceiling or wall installations are clearly marked on the housing. The TEMPESTA™ comes finished in a standard gray RAL 7035 color. External test switch and monitor LED are standard.



Series	A	B	C
TA	17" 432mm	6.5" 165mm	3.5" 89mm

## ■ ordering logic

Series	Lamp	Operation	Input Voltage	Autotest	Options
TA	24 (1x24W CF)	HT (AC only) SE (emergency only)	UNV (120/277V)	AT <sup>[1]</sup> (autotest)	B (black finish) NM (Ni-Mh batteries) RC (recess concrete-wall/ceiling) RD (recess drywall-wall/ceiling) TB (recess t-bar)

[1]NOTE: autotest comes standard.

EXAMPLE: TA24-SE-UNV-AT  
 DESCRIPTION: 1x24W, emergency only, 120/277V, autotest

## ■ specifications: electrical

**BATTERY:** The TEMPESTA™ comes standard with a 5-cell nickel cadmium battery. An optional, environmentally friendly, nickel metal hydride battery is available. The TEMPESTA™ allows operation from 10°C to 45°C (50°F to 122°F). The primary feature of Ni-Mh batteries is their long life. Ni-Mh batteries are capable of 500 to 1000 charge and discharge cycles and the expected life of the battery is higher than the minimum required by the current technical standards (EN60598-2-22). Ni-Mh batteries are not subject to the “memory effect,” a typical drawback of Ni-Cd batteries, that could result in a reduction in the nominal operation. A further feature of the Ni-Mh batteries is their very high efficiency, more than double that of lead and Ni-Cd batteries. Ni-Mh batteries are also environmentally friendly.

## ■ specifications: mechanical

The TEMPESTA™ housing is constructed from high quality corrosion, flame and vandal resistant polycarbonate. The TEMPESTA™ comes finished in a standard gray RAL 7035 color. Vandal resistant latch clips ensure the integrity of the TEMPESTA™ emergency lighting unit. Test switch and monitor LED are standard.

## ■ sanitation listed (SL)

TEMPESTA™ is sanitation listing approved. The Intertek verified splash zone listing is equivalent to the NSF standard 2, meeting the rigorous sanitation, electrical safety and performance standards of food service environments.

## ■ autotest

The TEMPESTA™ is supplied standard with an Autotest feature that continually monitors the functional operation of the unit. The lamp, battery and circuitry are continually tested to ensure proper operation. A visual display alerts of any malfunctioning component.

- Flashing Red: Emergency Inhibited / Under Change
- Red: Battery or Circuit Malfunction
- Yellow: Lamp Malfunctioning
- Flashing Yellow: Test Active
- Green: Normal Operation

Periodic emergency duration tests are internally simulated to ensure proper operation during an actual power failure. The functionality test, which is internally simulated weekly, is used to check all functions of the lamps over a one (1) minute period. The emergency duration test, which is run every six (6) months, is used to check all functions of the lamps and battery over a period of time equal to the emergency duration required under the relevant Code or Standard. Results of the tests are displayed by the multi-color LED located on the front panel of the TEMPESTA™ where it can be quickly and easily read by maintenance personnel.

## ■ warranty

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

