



PRODUCT OVERVIEW

The TEMPESTA™ offers Italian design, reliability and increased fixture to fixture performance. The use of fluorescent technology allows for an improved spread of light, fewer units to install and maintain and creates a safer environment during a power failure. The lens is clear by design, allowing the greatest amount of light to be dispersed. Designed for wall or ceiling installations.

REFLECTOR

The TEMPESTA™ reflector is made of injection molded, self-extinguishing, UV stabilized polycarbonate. Vacuum metalization results in a highly reflective surface. The reflector supports components including the lamp holder and reflective hood.

DIFFUSER

The TEMPESTA™ diffuser is UV stabilized to reduce the yellowing index and provide superior light output. The co-injection process increases the strength and durability of the TEMPESTA™ diffuser.

EXTERNAL SPECIFICATIONS

The TEMPESTA™ series housing is constructed from high quality corrosion, flame and vandal resistant polycarbonate. Vandal resistant latch clips ensure the integrity of the TEMPESTA™. Mounting locations for ceiling or wall installations are clearly marked on the housing. The TEMPESTA™ comes finished in a standard grey RAL 7035 color.

INTERNAL SPECIFICATIONS

The TEMPESTA™ series is configured with universal 120/277VAC input. The automatic recharge circuit is regulated by an electronic volt sensor and the standard Ni-Cd battery is protected by a low voltage cut-off circuit.

INSTALLATION

Surface or recess ceiling and wall mounting. Suitable for wet location installations.

BATTERY TECHNOLOGY

The TEMPESTA™ series is 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.

VANDAL RESISTANT DESIGN

The TEMPESTA™ series diffuser has been designed to fully enclose and protect the lamp assembly. Vandal resistant flush housing latch clips ensure the integrity of the TEMPESTA™ and discourage fixture tampering.

ORDERING INFORMATION

Series	Lamps	Operation	Input Voltage	Auto-Test	Options
TA	24 (1x24w CF fluorescent)	HT (AC only)	UNV (120/277V)	*AT (auto-test)	NM (Ni-Mh batteries)
		SE (emergency only)			RTD (recess trimplate drywall) RTT (recess trimplate t-bar)

TEMPESTA BUILDER

Series	Lamps	Operation	Input Voltage	Auto-Test	Options

EXAMPLE: TA24-SE-UNV-AT
DESCRIPTION: Tempesta emergency luminaire, emergency only, 120/277V, auto-test

*Beghelli Auto-Test comes standard on all TEMPESTA emergency units.

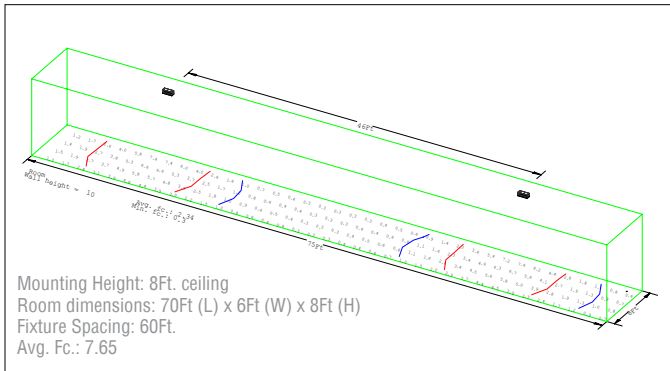
JOB:	TYPE:
-------------	--------------

NICKEL METAL HYDRIDE BATTERIES

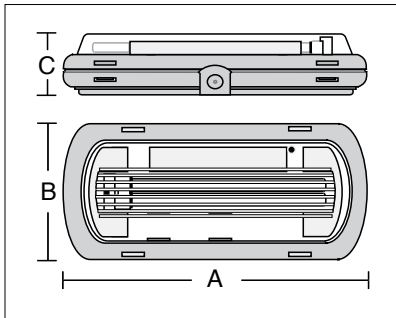
An optional power source available for the TEMPESTA™ series are nickel metal hydride (Ni-Mh) batteries. The primary feature of Ni-Mh batteries is their long life. Ni-Mh batteries are capable of 500 to 1000 charge and discharge cycles and the expected life of the battery is higher than the minimum required 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. Nickel Metal Hydride batteries have a low environmental impact and are disposable.

HIGH OUTPUT DESIGN

The TEMPESTA™ unit incorporates an efficient high output lens and reflector. Vacuum metalization technology is used in the manufacturing of the reflector, resulting in a high transmission mirror-like finish. The diffuser has been designed to effectively transmit the greatest amount of light with the least transmittal loss. A removable reflecting hood allows for directional control of the luminaires, increasing the light output at the floor level; resulting in greater fixture to fixture spacing. This in turn reduces installation, operational and maintenance costs.



DIMENSIONS (in.)



Wattage	A"	B"	C"
1x27W	17"	6 1/2"	3 1/2"

AUTO-TEST DIAGNOSTICS

The TEMPESTA™ is supplied standard with a fully configured auto-test 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
- Red: Battery or Circuit Malfunction
- Yellow: Lamp Malfunctioning
- Flashing Yellow: Test Inhibited
- Green: Normal Operation

Beghelli auto-test is comprised of an 8-bit microprocessor capable of integrating a large number of functions. Auto-test continually monitors the functional operation of the lamps, battery and circuitry. 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.

IP65 / WET LOCATION GASKETING

The TEMPESTA™ carries an IP65 / Wet location rating. Emergency units are especially vulnerable to fire sprinkler activation since emergency lighting units are often installed right next to sprinkler heads. The IP65 / Wet location rating ensures protection not just from ambient moisture but also from jets of water like those given off by broken or activated sprinkler heads

The TEMPESTA™ unit incorporates a 24 watt compact fluorescent lamp with 1350 lumens during DC operation. The Tempesta operates at 75% during emergency operations. This in turn, translates into energy efficiency, increased fixture spacing and lower installation costs..

WARRANTY

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