TEMPESTA™ T20









specifications: internal

Wet Architectural Emergency

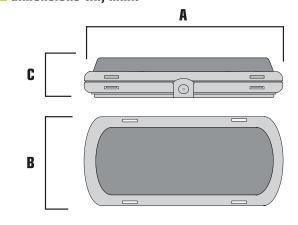
The TEMPESTA™ T20 is an emergency light suitable for surface, recess or t-bar installations. Surface mounting is standard. Other mounting configurations are optional and require accessory kits to be ordered. Available in HT (AC only), SE (emergency only) and SA (AC and emergency). Both the TEMPESTA™ T20 SE and SA versions feature a lithium ion (Li-ion) battery that provides a minimum 90 minutes emergency duration. Autotest diagnostics is optional on TEMPESTA™ T20 SE and SA. TEMPESTA™ T20 is configured with 120-277V input. Integrated surge protection is standard. Fuse protection is standard.

LEDs are positioned for wall mounting from the factory and can be adjusted on site for ceiling mount.

specifications: external

The TEMPESTA™ T20 series housing is constructed with injection molded flame and corrosion resistant polycarbonate. Four integrated vandal resistant clips ensure the integrity of the housing. The TEMPESTA™ T20 comes finished in grey RAL7035 color. Black housing is optional. The external test switch and multi-colored LED allows maintenance personnel to quickly determine the operational status of the unit. The TEMPESTA™ T20 diffuser is UV stabilized and provides superior light distribution. Opal lens is standard.

dimensions (in, mm.)



MODEL	A	В	C	
S (surface)	17.0" (431.8mm)	6.7" (170 mm)	2.9" (73.6mm)	

ordering logic

Series	Operation	Input Voltage	Options
TA PLUS-LED	HT (AC only - normally On)	UNV (120-277V)	AT (autotest)
	SE (emergency - AC fail only)		RK (recessed kit)
	SA (self-powered - always on / EM backup)		TB (t-bar mount)
			B (black housing)

EXAMPLE: TA-T20-LED-SE-UNV-B

DESCRIPTION: Tempesta™ LED T20 emergency only, 120-2777V, surface mount, black housing.



Technical

specifications: battery

The **TEMPESTA™ T20** SE and SA versions comes standard with lithium ion (Li-ion) battery technology that provides a minimum of 90 minutes of emergency duration. The primary feature of the LI-ion battery is the high energy density followed by the self-discharge rate. The self-discharge rate is much lower than any other rechargeable cell such a Ni-Cad- and Ni-Mh forms.

Max Load For 90 Min	Battery Voltage	Recharge Time
10W	9.6V	12 hrs

temperature

The **TEMPESTA™ T20** HT operating temperature is -20°C up to 40°C (-4°F to 104°F). SA/SE operating temperature is 10°C up to 40°C max (50°f to 104°F).

high output design

The **TEMPESTA™ T20** incorporates an efficient, high output lens. The diffusion lens has been designed to effectively transmit the greatest amount of lumens with the least transmittal loss. The overall design of the **TEMPESTA™ T20** results in great performance and increased fixture to fixture spacing. This in turn reduces installation, operational and maintenance costs.

electrical rating

	Charging Power	Standby Power	AC Current (A)		DC Electrical	
Model			AC Vo 120V	ltage 277V	Voltage	DC Current (A)
HT	22W	N/A	0.33	0.14	47.15	0.384
SE	9.25W	4.5W	0.14	0.06	0.04	0.02
SA	25W	22W	0.21	0.09	23.40	0.70

operation

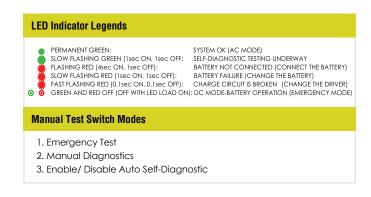
The **TEMPESTA™ T20** is available with a choice of operations: HT (AC only), SE (emergency only) and SA (AC and emergency). Under the SE operation, the unit is normally-off and will illuminate under an AC failure only. The HT version has achieved a truly universal AC input with a voltage design of 120-277V. Under AC only operation, the unit is normally-on and does not illuminate under an AC failure. SA version is normally-on under normal utility power and the charging circuit maintains the battery at full capacity.

sanitation listed (SL)

The **TEMPESTA™ T20** is sanitation approved. The Intertek verified splash zone listing is certified to the NSF Standard 2, meeting the rigorous sanitation, electrical safety and performance standards of food service environments.

autotest

The autotest is optional and automatically tests the unit for 30 seconds every 30 days, and conduct a full 90 minutes discharge test once a year.



warranty

The **TEMPESTA™ T20** comes with a 3-year factory warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

performance

Model	Mounting	Lumen Output (Im)	Spacing (1fc ave/0.1fc min.)	Mounting Height (ft)	Path of Egress (ft)	Reflectance (floor/wall ceiling)	CCT
HT	Ceiling	2289	76	10	3	0.2/0.5/0.8	4000°K
пі	Wall	2216	73	7.5	3	0.2/0.5/0.8	4000°K
SE	Ceiling	961	60	10	3	0.2/0.5/0.8	4000°K
JL	Wall	931	57	7.5	3	0.2/0.5/0.8	4000°K
CA	Ceiling	2601	80	10	3	0.2/0.5/0.8	4000°K
SA	Wall	2518	76	7.5	3	0.2/0.5/0.8	4000°K

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