



## ■ 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

Model	Charging Power	Standby Power	AC Current (A)		DC Electrical	
			AC Voltage 120V	AC Voltage 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

## ■ performance

Model	Mounting	Lumen Output (lm)	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
	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
	Wall	931	57	7.5	3	0.2/0.5/0.8	4000°K
SA	Ceiling	2601	80	10	3	0.2/0.5/0.8	4000°K
	Wall	2518	76	7.5	3	0.2/0.5/0.8	4000°K

## ■ 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.

### LED Indicator Legends

● PERMANENT GREEN:	SYSTEM OK (AC MODE)
● SLOW FLASHING GREEN (1sec ON, 1sec OFF):	SELF-DIAGNOSTIC TESTING UNDERWAY
● FLASHING RED (4sec ON, 1sec OFF):	BATTERY NOT CONNECTED (CONNECT THE BATTERY)
● SLOW FLASHING RED (1sec ON, 1sec OFF):	BATTERY FAILURE (CHANGE THE BATTERY)
● FAST FLASHING RED (0.1sec ON, 0.1sec OFF):	CHARGE CIRCUIT IS BROKEN (CHANGE THE DRIVER)
● GREEN AND RED OFF (OFF WITH LED LOAD ON):	DC MODE-BATTERY OPERATION (EMERGENCY MODE)

### Manual Test Switch Modes

1. Emergency Test
2. Manual Diagnostics
3. Enable/ Disable Auto Self-Diagnostic

## ■ warranty

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