

Tempesta™ LED 17W LED Surface or Recessed



Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____



WET LOCATION ARCHITECTURAL EMERGENCY

EXTERNAL SPECIFICATIONS

The **TEMPESTA™ LED** series housing is constructed from high quality corrosion, flame and vandal resistant polycarbonate. Vandal resistant latch clips ensure the integrity of the **TEMPESTA™ LED**. The **TEMPESTA™ LED** comes finished in a standard grey colour. An external test switch allows maintenance personnel to quickly determine the operational status of the unit by way of a multi-coloured diagnostic LED.

LED TECHNOLOGY

The **TEMPESTA™ LED** is illuminated with two LED modules wired in parallel. Beghelli uses only high-efficiency Samsung LEDs in the **TEMPESTA™ LED**. The LEDs are rated for 100,000 hours at L70.

DIFFUSER

The **TEMPESTA™ LED** diffuser is UV stabilized and provides superior light distribution. The co-injection process increases the strength and durability of the **TEMPESTA™ LED** diffuser.

INSTALLATION

LED boards are positioned for ceiling mounting when shipped. Boards can be adjusted on-site for wall mount installation. **TEMPESTA™ LED** is suitable for surface, recessed and t-bar mounting. Suitable for wet location installations.

SURGE PROTECTION

5kV at 10kA using 8/20µs standard wave according to IEEE c62.41 2002 High.

HIGH-OUTPUT DESIGN

The **TEMPESTA™ LED** unit incorporates an efficient, high output lens and reflector. The diffusion lens has been designed to effectively transmit the greatest amount of lumens with the least transmittal loss. This in turn reduces installation, operational and maintenance costs overall.

INTERNAL SPECIFICATIONS

CSA 22.2 No. 141-15 performance certified.

ORDERING INFORMATION

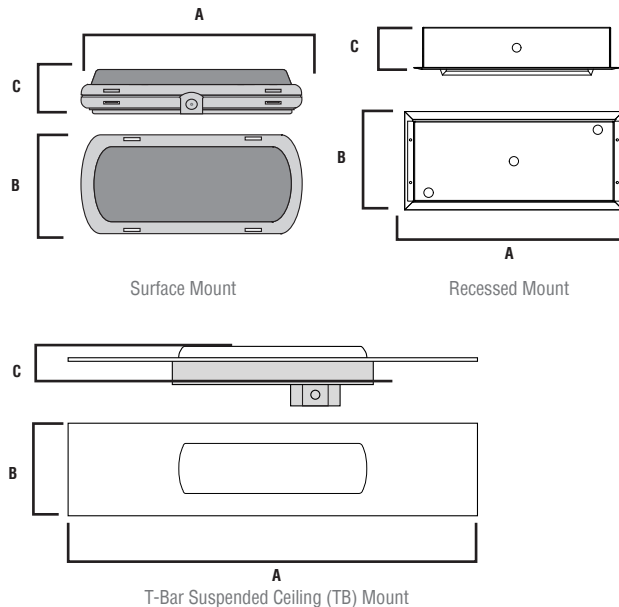
Series	Operation	Input Voltage	Mounting	Options
TA-LED	EM (Emergency / AC fail only)	120-347V (120 to 347VAC input)	S (Surface wall/ceiling)	AT (Auto-test)
	AC (Normally on)		R (Recessed wall/ceiling)	120SP (120 min. emergency)
	ACEM (Normally on-switchable / EM backup)		TB (T-bar mount)	SURG* (5 kV at 10kA surge protection)

EXAMPLE: TA-LED-EM-120-347V-R-AT

DESCRIPTION: Tempesta™ LED emergency luminaire, self-powered, emergency only operation, 120-347VAC input, recess mount, auto-test self-diagnostics.

*NOTE: Specify AC input voltage.

DIMENSIONS (MM, IN.)



Model	A	B	C
Surface	431.8mm 17"	165.1mm 6 1/2"	88.9mm 3 1/2"
Recessed	520.7mm 20 1/2"	234.95mm 9 1/4"	107.95mm 4 1/4"
TB	603.25mm 23 3/4"	190.5mm 7 1/2"	101.6mm 4"

VANDAL RESISTANT DESIGN

The **TEMPESTA™ LED** lens reflector cover has been designed to fully enclose the lamp assembly. This protects the LEDs from any tampering. Vandal resistant housing latch clips ensure the integrity of the **TEMPESTA™ LED** and discourage fixture tampering.

SANITATION LISTED (SL)

The Beghelli **TEMPESTA™ LED** is sanitation listing 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.

BEGHELLI AUTO-TEST (AT)

The Beghelli auto-test system automatically performs one 5 minute discharge test monthly and every 6 months it performs two full 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 multi-colour LED.

AC INPUT RATINGS

Operation	Voltage (VAC)	Wattage (W)	Rated Current (A)	Lumen Output
AC Only	120/277/347	15.1/15.4/15.7	0.30/0.20/0.15	1048
ACEM	120/277/347	22.0/22.2/23.5	0.40/0.25/0.20	1048/1307
EM	120/277/347	5.8/6.3/7.0	0.15/0.10/0.08	1307

IP65 / WET LOCATION GASKETING

The **TEMPESTA™ LED** carries an IP65 / wet location rating due to the advanced liquid silicon gasketing that completely seals the unit from moisture infiltration. Emergency units are especially vulnerable to fire sprinkler activation since these 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.

BATTERY TECHNOLOGY

The **TEMPESTA™ LED** EM and ACEM versions come standard with a Ni-MH battery pack that provides a minimum of 30 minutes emergency duration. Optional 120 minute Ni-MH batteries are available.

OPERATION

The **TEMPESTA™ LED** is available with a choice of operations; EM, ACEM and AC. They have all achieved a truly universal AC input with a voltage design of 120 to 347VAC. EM & ACEM come with Ni-MH batteries and optional Auto-test and self-diagnostics circuitry. Under the EM operation, the unit is normally-off and will illuminate under an AC failure only. Under AC only operation, the unit is normally-on and does not illuminate under an AC failure. ACEM is normally-on under normally utility power and the charging circuit maintains the battery at full capacity. The unit may be switched on/off by the built-in 2-wire wall switch control. When AC power fails the unit will automatically provide emergency light regardless of the position of the switch.

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Available in Remotes section, see index.