EVENLITE
Lives Depend On Us

PROJECT NAME:	APPROVED BY:
CATALOG NO:	TYPE NO:

TUFFLITE TXPC - Class 1 Div 2 Exit Combo Unit

LED Exit

Tufflite "TXPC"Industrial Class 1 Division 2 exit/emergency lighting units are designed for use in Class 1 Division 2, Groups A, B, C, D applications.

The rugged fiberglass NEMA 4X enclosure provides protection for the enclosed equipment against dust, dirt, fibers and dripping water. Class 1 locations are those in which flammable vapors and gasses may be present. Division 2 areas are defined as those areas in which ignitable concentrations of hazards are handled, processed or used, but which are normally in closed containers from which they can only escape through accidental rupture or breakdown of such containers or systems. Gases are grouped according to certain physical characteristics of their explosive behavior.

Construction

- Designed and listed for use in Class 1 Division 2 Groups A, B, C, and D , T2B area classification, also suitable for Class I Zone 2, IIA, IIB, IIC, and T1&T2 area classification
- Rugged molded corrosion resistant fiberglass housing is provided with stainless steel mounting feet, finished in industrial grey
- A stainless steel breather valve is provided for efficient ventilation of the enclosure
- Fully gasketed to meet the requirements of NEMA 4X applications
- Piano hinged front access door for ease of maintenance access with stainless steel screws
- External 4 hole mounting provision provides ease of installation with minimal cabinet intrusion
- 6" letter height and 3/4" stroke, with field selectable chevron directional indicators

Electrical

- High brightness Red or Green Led letters feature long life and consume less than 2 watts
- Premium, fully automatic current limited "Pulse Switching" charger provides ideal charge conditions for optimum battery performance and life
- Fully automatic operation provides 90 minutes or more of emergency lighting
- Choice of maintenance free sealed Lead Calcium or Nickel Cadmium batteries, batteries recharge in 24 hours
- Operating temperature range is 10°C to 40°C
- Short Circuit battery protection
- Field selectable 120 or 277 VAC input
- Magnetic test switch and dual diagnostic LED indicator displays AC and Hi-Charge status
- Brownout sensing assures emergency operation during periods of low line voltage
- Line-latch prevents unnecessary discharge of battery during installation, loads will not illuminate until after application of utility power
- Low voltage cut-off prevents battery damage and ensures positive charge acceptance following an extended discharge
- Self-Test / Self-Diagnostic monitoring available

Illumination

- Two fully adjustable, top mounted PAR 36 style lamp heads in high impact thermoplastic available with a variety of lamp types and wattage's
- Optional LED 12V-6W Sealed Beam

Certification

- Listed to UL 924, meets NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA requirements
- Buy American Act compliant

Warranty

- 3 year limited warranty

ORDERING GUIDE – TXPC

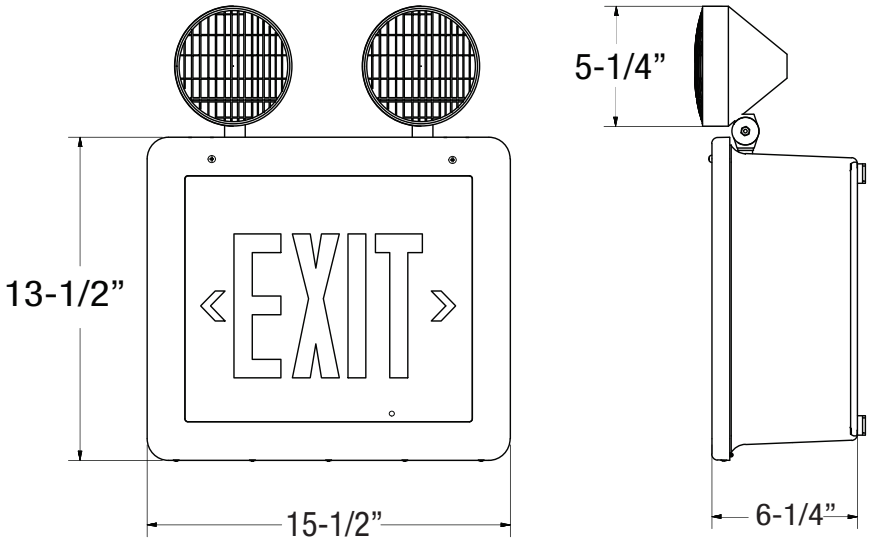
Example: TXPC-2E72-R-2-W69-SD

Model	Operating Voltage/Wattage	Letter Color	No. of Light Heads	Lighting Head Type	Options
TXPC	**Lead Batteries Combo** **2E36** 6 Volt – 36 Watts **2E60** 6 Volt – 60 Watts **2E72** 6 Volt – 72 Watts **2E100** 6 Volt – 100 Watts **2E120** 6 Volt – 120 Watts **4E36** 12 Volt – 36 Watts **4E60** 12 Volt – 60 Watts **4E72** 12 Volt – 72 Watts **4E120** 12 Volt – 120 Watts **4E140** 12 Volt – 140 Watts **NiCad Batteries Combo** **2N42** 6 Volt – 42 Watts **2N54** 6 Volt – 54 Watts **2N90** 6 Volt – 90 Watts **4N42** 12 Volt – 42 Watts **4N90** 12 Volt – 90 Watts **4N130** 12 Volt – 130 Watts	**R** Red LED **G** Green LED	**0** No Head **2** Two Heads	**Standard Lamp Head** **W69** Wedge Base Tungsten 6V 9W **W129** Wedge Base Tungsten 12V 9W **Optional Lamp Head** **W1218** Wedge Base Tungsten 12V 18w **L126** 12 Volt 6 Watt PAR36 LED Sealed Beam *Note: There are limited lamp options due to the T ratings of CL1 Div. 2 products*	**SD** Self-Test / Self-Diagnostic **V** Voltmeter **A** Ammeter **FA** Fire Alarm Interface **SM** Side Mounted Heads **S** Shatter Resistant Lamp Head Shield for food prep applications **SW** Special Wording (consult factory) **TD** Time Delay (specify AC input voltage, specify 5,10, or 20 minutes) **TP** Tamper Proof Screws **WG** Wire Guard
TXPC					

Fill in fields from categories above and complete type and part number.

Type Number:	*Full Part Number:*

TUFFLITE TXPC Class 1 Div 2 LED Exit Sign



Summary of Class I, II, III Hazardous Locations			
CLASSES	GROUPS	DIVISIONS	
		1	2
I Gases, vapors, and liquids (Art. 501)	A: Acetylene B: Hydrogen, etc. C: Ether, etc. D: Hydrocarbons, fuels, solvents, etc.	Normally explosive and hazardous	Not normally present in an explosive concentration (but may accidentally exist)
II Dusts (Art. 502)	E: Metal dusts (conductive,* and explosive) F: Carbon dusts (some are conductive,* and all are explosive) G: Flour, starch, grain, combustible plastic or chemical dust (explosive)	Ignitable quantities of dust normally are or may be in suspension, or conductive dust may be present	Dust not normally suspended in an ignitable concentration (but may accidentally exist). Dust layers are present.
III Fibers and flyings (Art. 503)	Textiles, wood-working, etc. (easily ignitable, but not likely to be explosive)	Handled or used in manufacturing	Stored or handled in storage (exclusive of manufacturing)

Reprinted from https://www.osha.gov/doc/outreachtraining/htmlfiles/hazloc.html

EVENLITE
Lives Depend On Us
www.evenlite.com