

CIT SERIES

Harsh Environment Enclosures



CITADEL 2™ offers more versatility than any other weatherproof enclosure offered in North America. Poured in place gasket and cam latches seal the enclosures. The Mounting System can provide dramatic savings on the installation labor. Designed around T8 LED tubes for long term energy saving. Very tough diffusers resist breakage. The X1LED harsh environment enclosures fixtures utilize efficient LED T8 lamps that provide high lumen output with efficient energy savings. Since they don't require any ballast or driver the only component that will ever need changing is the LED T8 lamp. The lamps are warranted for five years. Unlike harsh environment enclosure fixtures that utilize LED arrays and drivers these fixtures have the flexibility to change wattage, lumens, and color temperature simply by changing the lamps without the need to call a licensed electrician.

LAMP

1, 2, or 3 Lamp Positions in Cross section.

MATERIALS & FEATURES

One piece compression molded polyester fiberglass housing with polycarbonate latches. Seamless continuously bonded poured-in-place polyurethane gasketing. Fixture component tray attaches fixture body with pinch-release clips. 1/2" conduit entry hole in each end of housing with weathertight plug.

- Stainless steel latch with "keeper" (optional).
- Latches can be tamper proof with #6 screw.
- UL certified for wet locations.

MOUNTING

Durable stainless steel mounting hardware. No holes ever have to be drilled through the housing for installation. Installation time is dramatically reduced. Optional stainless steel bail for chain hung installations.

DIFFUSER

High reflectance component tray reflector. 100% Impact modified UV stabilized acrylic linear ribbed lens with smooth exterior face for easy cleaning.

SIZE W x L x H in inches (mm)

4.50W x 4.12H (115 x 105)

7.30W x 4.12H (185 x 105)

X1 LED

The most economical, practical and user friendly series of LED fixtures with the energy savings, quality of light, long life and hassle-free maintenance. X1 LED fixtures are UL Listed with the latest LED T8 Bypass lamps. Fixtures provide over 44% energy savings over comparable fluorescent fixtures utilizing less expensive fixtures than the fluorescent version (no ballast required) and have flexibility to change wattage and color temperature any time. Fixture performance will evolve over time with the evolution of the T8 LED lamp technology. Concerned about maintenance with an LED array and driver fixture, X1 LED solves that by utilizing a self contained LED lamp that fits into fixture just like a fluorescent lamp.

Lamp Specifications:

Our T8 LED lamps are available in 2 or 4 ft sizes in different wattage, lumens and color temperature options. See lamp options and specs at www.texasfluorescents.com/X1LEDLamps.

50,000 Hour Life with 5 Year Warranty

Beam Angle 140 Degree

Aluminum Base and Aluminum Housing with Glass Cover

Operating Temperature: - 20C to 50C

Color Temperature: 3500K, 4000K, 5000K

G13 Pins (Same as Fluorescent Linear T8 Bipin)

AC100 – 277V without Ballast

Single Ended or Double Ended Power (If not specified use X1 Single Ended Power)

Optional Dimming Options:

The 4 FT lamps are available with a dimming option. Specially designed dimming lamps require an external driver that runs 1 or 2 lamps. So more than 2 lamps require multiple external drivers. See dimming options and specs at www.texasfluorescents.com/X1LEDdimming.

Emergency Options:

The standard X1 LED Lamps require an inverter or an All-in-one emergency kit that includes LED array, battery and driver. Dimmable T8 LED with external driver works with standard LED EM it. See emergency options and specs at www.texasfluorescents.com/X1LEDemergency.

ITEM NO.	DESCRIPTION
CITCL232X1LN18W40	4ft. Enclosure w/Clear Lens 4200 Lumen 2x18W LED T8 4000K Lamps Included
CITCL332X1LN18W40	4ft. Enclosure w/Clear Lens 6300 Lumen 2x18W LED T8 4000K Lamps Included
CITLB2328X1LN18W40	8ft. Enclosure w/Linear Ribbed Lens 8200 Lumen 4x18W LED T8 4000K Lamps Included

Change 40 to 35 or 50 for different Kelvin. Change Lamp Wattage to 13W on 2FT or 15W on 4FT Consult for different lens options and sensors.



Wet Location

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Catalog Number:

Notes: