

## 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

2, 3 or 4 lamp positions

#### 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.

#### 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

7.30  
W x 4.12"H

#### 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 working 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. Savegreen Lighting is a premier supplier of LED T8 lamps and makes a variety of Bypass T8 lamps to meet the needs of your special application. Options include more energy efficient 12W, 15W and 17W lamps with Premium 10 Year warranty as well as high output options up to 3500 lumens. Double ended LED T8 lamps are also available. See lamp options and specs at [www.savegreenlighting.com](http://www.savegreenlighting.com).

#### Optional Dimming Options:

The 4 FT lamps are available with two dimming options; Specially designed dimming lamps require an external driver that runs 1 or 2 lamps. So more than 2 lamps require multiple external drivers or Consult for Bypass Type B lamps that can be dimmed without any external driver and dim with standard 2 wire dimming. See dimming options and specs at [www.saylite.com](http://www.saylite.com).

#### 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. For a 5 watt inverter that is similar to adding a 500 Lumen emergency in a conventional fluorescent fixture, add "INV5W" to the end of the item number. This will allow 5 watts of one lamp to work in emergency mode. Or add "EMKT12" to the end of the item number to get a 12W stand alone emergency kit in the fixture that comes with a driver, battery and small LED array that works in Emergency mode. See emergency options and specs at [www.saylite.com](http://www.saylite.com).

**Ordering Options**

(Fixtures below include LED T8 Lamp LT8ABP48L18W2250LXXK. For Other Lamp Options See below and Replace LNXXX with short code below. Specify without Lamps by removing LNXXX)

ITEM NO.	DESCRIPTION
CITCL232X1LN18W40	4ft. Enclosure w/Clear Lens 4500 Lumen 2x18W LED T8 4000K Lamps Included
CITCL332X1LN18W40	4ft. Enclosure w/Clear Lens 6750 Lumen 3x18W LED T8 4000K Lamps Included
CITLB2328X1LN18W40	8ft. Enclosure w/Linear Ribbed Lens 9000 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.

For 5W Emergency, Add INV5 at the End of Item Number for KTEMRGLED5500AC. See other options at [www.saylite.com](http://www.saylite.com)

For fixtures wired for double ended lamps, change X1 to X2 and see the Savegreen Lamps below for the proper Double Ended Lamp. For fixtures without lamps included, remove the "LNXXX" at the end of the item number and have X1 or X2 for Single or Double Ended wiring.

**LN18W40 - Lamp Specification**

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)

**Savegreen T8 or T5 LED Lamp Options**

To include one of these lamps in fixture, remove "LNXXX" and add Savegreen Inside code below.  
(See [www.savegreenlighting.com](http://www.savegreenlighting.com) for specification sheets or more information on these lamp options.)

VERSION	SAVEGREEN INSIDE	SAVEGREEN ITEM NO.
Popular	SGB15W35	LT8BG48L15W1740LXXK
Standard	SGS29W35	LT8BGC24L9W1050LXXK
Standard	SGS312W35	LT8BGC36L12W1200LXXK
Standard	SGS15W35	LT8BGC48L15W1740LXXK
Premium	SGP12W35	L10T8BGC48L12W1750LXXK
Premium	SGP15W35	L10T8BGC48L15W2000LXXK
Premium	SGP18W35	L10T8BGC48L18W2500LXXK
High Output	SGH26W40	LT8BGC48L26W3500LXXK
Double Ended	SGD18W35	LT8BDGC48L18W2100LXXK
T5HO	SGT525W40*	LT5BG46L25W3300LXXK
Magic	SGM18W35K	LT8ABP48L18W2250LXXK
Magic	SGM18W35K	LT8ABP48L15W1875LXXK
Magic	SGM215W35K	LT8ABP24L15W1875LXXK

10-YEAR  
WARRANTY

Change 35 to 40 or 50 for different Kelvin.  
\*For T5, CCT 40K and 50K available.



**Saylite, Texas Fluorescents Reinvented**

2055 Luna Rd. Suite 142 Carrollton, TX 75006  
Phone: 972-247-3171 Fax: 972-247-0200  
[www.saylite.com](http://www.saylite.com) email: [sales@saylite.com](mailto:sales@saylite.com)

Catalog Number:
Notes: