

ITB-X1 SERIES

Linear Recessed Channel



Texas Fluorescents ITB series is a cost effective recessed channel that provides enhanced lighting over both a typical troffer and a strip fixture. This light provides comfortable, glare free lighting with enhanced light output. Available for individual or continuous run design, ITB is popular in mass merchandising, large space applications where lots of light is a must at value pricing. It will provide more light down at the merchandise level. The X1LED recessed strip 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 recessed strip 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 lamp positions

CONSTRUCTION

One-piece housing/reflector assembly is die formed from code gauge cold rolled steel. Full end plates, securely riveted into place, close off the trough assuring rigidity and straight rows. Wiring compartments are open end-to-end allowing easy wire-through. Access plates are provided at each end to quickly close off at row ends. A quarter-turn cam fastener, locks closed each embossed 4Ft. ballast cover closing off the wiring compartment.

MOUNTING

For recessed mounting in all T-grid ceiling types, 1" or 9/16" grid sizes. Preferred ceiling to have main tees on one-foot centers with cross tees at 4Ft. or 8Ft. spacing depending on modules used. All units are designed for individual or row mounting; no additional parts needed. Each full end plate has auxiliary suspension points to facilitate supporting to permanent building structures.

SIZE W x L x H in inches (mm)

11.71" x 47.96" x 5.45" or 11.71" x 95.92" x 5.45"

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
ITB132X1L18W40	4ft. Industrial 2100 Lumen 1x18W LED T8 4000K Lamps Included
ITB232X1L18W40	4ft. Recessed Linear 4200 Lumen 2x18W LED T8 4000K Lamps Included
ITB1328X1L18W40	8ft. Tandem Recessed Linear 4200 Lumen 2x18W LED T8 4000K Lamps Included
ITB2328X1L18W40	8ft. Tandem Recessed Linear 8400 Lumen 4x18W LED T8 4000K Lamps Included
ITB159X1	8ft. Recessed linear made for single pin 8ft. LED lamp
ITB259X1	8ft. Recessed linear made for single pin 8ft. LED lamp

Change 40 to 35 or 50 for different Kelvin. Change Lamp Wattage to 13W on 2FT or 15W on 4FT



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Catalog Number:

Notes: