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UL Listed LED Driver fits in ballast area



20watt 4' LED Bi-Pin Specifications

ITEM		PARAMETER RANGE
LED diodes per lamp		312
Prismatic Casement		Acrylic
Comparative Light Output		2,900 lumens +/- 5% tolerance
LED Color-Kelvin/model number		Cool White = 5500K - T-X BI-4CWEXS-20W Warm White = 4100K - T-X BI-4WWEXS-20W
ITEM	UNIT	PARAMETER RANGE
Working Temperature	°F (°C)	-31°F to +145°F (-35°C to +60°C)
Working Frequency	Hz	50hz to 60hz
UL Listed LED Driver voltage:	v	90 to 140v or 200 to 280v Please Specify Voltage Required
Lamp Length	ft/inches	4' (nom) - 47.24 inches (pin to pin)
Lamp Diameter	mm	30 mm
Average Rated Life	Hours	50,000 to 80,000
Manufacturer's Warranty		Lighting products are warranted for one year against defects. In case of multiple individual LED lighting greater than 20% of the LED's must be affected. LED will continue to operate with individual LED's being non-operational. Warranty will be voided if it is determined the lamps have been incorrectly installed. Lights must be returned for replacement to be awarded.

T-X LEDs Features and Benefits

Save Money

T-X LEDs will cut your organization's energy and maintenance costs. Be sure to ask about the attractive utility rebates and tax incentives available. If you look at the big picture, energy prices are climbing through the roof and wise decision makers want to take action to avoid soaring prices. If you decide to invest in T-X LED's, you will shield your organization from future price spikes.

Be Green

T-X LED's will lighten your organization's carbon footprint. They directly reduce your consumption of electricity that is produced primarily by burning fossil fuels. If you scratch the surface, the longevity of T-X LED's also reduces the amount of energy used to produce and transport replacement lamps. In addition to offsetting carbon emissions, T-X LEDs are completely recyclable and they do not contain mercury.

Example: Two Lamp Strip Fixture



Before

- Four 4' T8 Fluorescents
- Electronic Ballast
- 50.6 Foot Candles
- 32 Watts/Lamp



After

- Four 4' T-X LEDs
- No Ballast
- 50.4 Foot Candles
- 20 Watts/Lamp
- 38% Savings



LEDs

- Very energy efficient
(4' T-X LEDs use 20 watts)
- 50,000-80,000 hour lamp life
- Requires no ballast
- Contains no mercury
- Durable acrylic casing
- Operation temperatures: -31° F to 145° F
- Emits very little heat
- Directional light
(Less wasted light)

Fluorescents

- Energy efficient
(4' T-8 Fluorescents use 32 watts)
- 24,000 hour lamp life
- Requires a ballast
- Contains toxic mercury
- Fragile glass casing
- Operation temperatures: 0° F to 160° F
- Emits much more heat
- Glowing light
(More wasted light)