

# Linear LED T5 Lamp

## 2', 3', 4' Specification



Expanded Versatility using

### Quick-Fit™ Installation Technology

An LED T5 direct replacement lamp, requiring NO Re-WIRING of the light fixture, providing excellent energy savings when replacing T5 (28W) fluorescent lamps operated on T5 fluorescent electronic ballasts. Installation is easy...just remove existing fluorescent lamps and install the LED linear lamp.

If the existing ballast fails just replace the ballast with similar T5 fluorescent electronic ballast.

**Energy Savings** over existing fluorescent T5 electronic ballasted fixture applications.

For additional energy savings of 20 to 30% use with low ballast factor ballast or lighting control system.

**Installation** is easy and saves money. Just change the existing lamps without the need to rewire the light fixture.

#### Benefits:

- Expanded light distribution angle of 280 degrees
- Excellent for low temperature applications
- Use with occupancy sensors with frequent starting
- Instant ON operation
- Dimmable with optional ELB-LED driver
- No flickering
- No glass or mercury for safer work environments
- Less lumen depreciation compared to fluorescent systems
- Meets UL standard 1598c and UL standard 1993
- Long life product (>50,000 hours)
- 5 Year manufacturer's warranty

LED direct replacement models are available for T8 2', 4', 8', U-Bend and TTL/BIAX fluorescent replacement applications.



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### Specifications:

T5 LED Lamp  Model #	Lamp Type	Lamp wattage	Installation on standard T5 Program Start Electronic ballast		DLC Qualification Status
			Lumens	Average System Lamp Watts	
LEDT5-10-850-B-FSC	LED 2' T5	8.83	1135	10.43	No Category
LEDT5-10-840-B-FSC	LED 2' T5	8.83	1078	10.43	No Category
LEDT5-10-835-B-FSC	LED 2' T5	8.83	1024	10.43	No Category
LEDT5-10-830-B-FSC	LED 2' T5	8.83	973	10.43	No Category
LEDT5-10-850-B-FSF	LED 2' T5	8.83	1050	10.43	No Category
LEDT5-10-840-B-FSF	LED 2' T5	8.83	1023	10.43	No Category
LEDT5-10-835-B-FSF	LED 2' T5	8.83	997	10.43	No Category
LEDT5-10-830-B-FSF	LED 2' T5	8.83	972	10.43	No Category
LEDT5-15-850-B-FSC	LED 3' T5	13.55	1730	15.15	No Category
LEDT5-15-840-B-FSC	LED 3' T5	13.55	1643	15.15	No Category
LEDT5-15-835-B-FSC	LED 3' T5	13.55	1561	15.15	No Category
LEDT5-15-830-B-FSC	LED 3' T5	13.55	1483	15.15	No Category
LEDT5-15-850-B-FSF	LED 3' T5	13.55	1630	15.15	No Category
LEDT5-15-840-B-FSF	LED 3' T5	13.55	1589	15.15	No Category
LEDT5-15-835-B-FSF	LED 3' T5	13.55	1549	15.15	No Category
LEDT5-15-830-B-FSF	LED 3' T5	13.55	1510	15.15	No Category
LEDT5-20-850-B-FSC	LED 4' T5	17.65	2400	19.25	No Category
LEDT5-20-840-B-FSC	LED 4' T5	17.65	2275	19.25	No Category
LEDT5-20-835-B-FSC	LED 4' T5	17.65	2161	19.25	No Category
LEDT5-20-830-B-FSC	LED 4' T5	17.65	2053	19.25	No Category
LEDT5-20-850-B-FSF	LED 4' T5	17.65	2243	19.25	No Category
LEDT5-20-840-B-FSF	LED 4' T5	17.65	2184	19.25	No Category
LEDT5-20-835-B-FSF	LED 4' T5	17.65	2129	19.25	No Category
LEDT5-20-830-B-FSF	LED 4' T5	17.65	2022	19.25	No Category

Note: System Wattage is base on lamps operating on electronic 2 lamp ballast. All specification Information subject to change without notice

#### High Performance Part Number Designation: - FSx

F - Fixed end caps \_\_\_\_\_  
 S - Standard or H - High Performance \_\_\_\_\_  
 High Performance = DLC qualified models  
 C - Clear or F - Frosted Lens \_\_\_\_\_


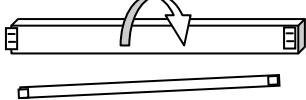


#### Application Notes:

- There are multiple types of ballast designs (also called topologies) used in fluorescent light fixtures. To assure proper LED lamp operation and confirm ballast compatibility by trying in the fixture before installing large quantities.
- Suitable for damp locations. Avoid applications where lamp can get wet.
- Operating temperature range between -4°F and 122°F (-20°C and 50°C).

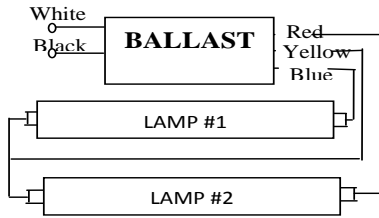
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**Installation Instructions:** Quick and Simple - No re-wiring required

<p><b>Step 1:</b> Turn Power - OFF</p> 	<p><b>Step 2:</b> Remove Fluorescent lamp</p> 	<p><b>Step 3:</b> Plug in Quick-Fit LED lamp</p> 	<p><b>Step 4:</b> Turn Power - ON</p> 
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**Existing Ballast Wiring:**  
Instant Start T5 Electronic Ballast



**Ordering Information:**

Model #	Type (Dia.)	Base	Length (~ Inches)	Color Temp. (K)	CRI	Rated Average Life (hrs)	Beam angle	Input Voltage 120 -277VAC
LEDT5-10-850-B-FSx	LED T5	bi-pin	24	5000	83	50,000	270	ballast
LEDT5-10-840-B-FSx	LED T5	bi-pin	24	4000	83	50,000	270	ballast
LEDT5-10-835-B-FSx	LED T5	bi-pin	24	3500	83	50,000	270	ballast
LEDT5-10-830-B-FSx	LED T5	bi-pin	24	3000	83	50,000	270	ballast
LEDT5-15-850-B-FSx	LED T5	bi-pin	36	5000	83	50,000	270	ballast
LEDT5-15-840-B-FSx	LED T5	bi-pin	36	4000	83	50,000	270	ballast
LEDT5-15-835-B-FSx	LED T5	bi-pin	36	3500	83	50,000	270	ballast
LEDT5-15-830-B-FSx	LED T5	bi-pin	36	3000	83	50,000	270	ballast
LEDT5-20-850-B-FSx	LED T5	bi-pin	48	5000	83	50,000	270	ballast
LEDT5-20-840-B-FSx	LED T5	bi-pin	48	4000	83	50,000	270	ballast
LEDT5-20-835-B-FSx	LED T5	bi-pin	48	3500	83	50,000	270	ballast
LEDT5-20-830-B-FSx	LED T5	bi-pin	48	3000	83	50,000	270	ballast

Note: Lamps operate at 120,277 and 377VAC using the existing T5 electric program rapid start ballast. Lamp wattage and Lumens noted in chart are based on operation with standard T5 ballast. See Warranty for terms and conditions.  
Photometric testing is consistent with IES-LM-79 and tested to L70 requirements.  
Information is subject to change without notice.

**High Performance Part Number Designation:** - FHx

- F - Fixed end caps
- S - Standard or H - High Performance
- High Performance = DLC qualified models
- C - Clear or F – Frosted Lens