

Linear LED Lamp

Compatible for use with fluorescent ballasts



Available in 22" and 16-7/16" lengths

Applications Include:

- Retail and Hospitality
- General lighting (office, education, medical facilities)

Rotatable 2G11 base design
for directional light tuning
(Patent Pending).



Energy Savings of up to 40% when compared to standard fluorescent lamps operating on electronic ballasted lighting fixtures.

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

Installation is easy and saves money.

Just change the existing fluorescent lamps without the need to rewire the light fixture.

Install using existing fluorescent ballast. If the ballast fails LED lamp can operate using optional 120-277VAC LED driver.

LED lamp models available in 3000k, 3500k, 4000k and 5000k color temperatures to support 2', 3', 4', 8', U-Bend, T5 and TTL/BIAX applications.



TTL Replacement Specification

40W, 50W and 36W fluorescent replacement

Expanded Versatility using

Quick-Fit™ Installation Technology

An LED direct replacement lamp, requiring No Re-WIRING of the light fixture, providing excellent long life and energy savings when replacing standard 40WTTL, 50W TTL or 55W TTL (22-1/2" length) or 36W TTL (16-7/16" length) fluorescent 2G11 based lamps.

Installation is easy...just remove existing fluorescent lamp and install the LED lamp. LED lamp is compatible with most fluorescent TTL ballasts.

The Multi-Op™ LED technology driven products are the most versatile LED linear lamps on the market today. The LED Multi-Op™ linear lamp is also compatible with most all existing fluorescent battery back-up ballasts.

If the existing ballast fails, just replace the fluorescent ballast or operate the LED lamp with the optional 120-277VAC LED remote driver.

Benefits:

- Rotating end cap for applications where existing lamp socket is not perpendicular to the ceiling.
- Expanded light distribution angle of 280 degrees
- Available in 4 standard color temperatures (3000K,3500K,4000K and 5000K)
- Excellent for low temperature applications
- Suitable for dry and damp locations (avoid applications with direct water contact)
- Use with occupancy sensors with frequent starting
- Instant ON operation
- Dimmable with compatible ballast / LED Driver
- No flickering
- No glass or mercury for safer work environments
- Less lumen depreciation compared to fluorescent lamps
- Meets UL standard 1598c
- Long life product (>70,000 hours)
- 5 Year manufacturer's warranty

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Specifications:

Lamp Performance with different ballast types.	Lamp Length	Installation using Instant Start Electronic ballast		Installation using Program Start Electronic ballast	
		Lumens	Average Lamp Watts	Lumens	Average Lamp Watts
Model #					
LED Replacement for 36W TTL fluorescent lamp					
LEDBX-25-850-R36-RSF	16-7/16"	-	-	1665	14.15
LEDBX-25-840-R36-RSF	16-7/16"	-	-	1635	14.15
LEDBX-25-835-R36-RSF	16-7/16"	-	-	1605	14.15
LEDBX-25-830-R36-RSF	16-7/16"	-	-	1570	14.15
LED Replacement for 40W TTL fluorescent lamp					
LEDBX-17-850-B-RSF	22-1/2"	2050	17.50	2050	18.00
LEDBX-17-840-B-RSF	22-1/2"	2000	17.50	2000	18.00
LEDBX-17-835-B-RSF	22-1/2"	1950	17.50	1950	18.00
LEDBX-17-830-B-RSF	22-1/2"	1900	17.50	1900	18.00
LEDBX-22-850-B-RSF	22-1/2"	2400	23.00	2400	23.50
LEDBX-22-840-B-RSF	22-1/2"	2350	23.00	2350	23.50
LEDBX-22-835-B-RSF	22-1/2"	2300	23.00	2300	23.50
LEDBX-22-830-B-RSF	22-1/2"	2250	23.00	2250	23.50
LED Replacement for 50W TTL fluorescent lamp					
LEDBX-30-850-R50-RSF	22-1/2"	-	-	2935	27.50
LEDBX-30-840-R50-RSF	22-1/2"	-	-	2850	27.50
LEDBX-30-835-R50-RSF	22-1/2"	-	-	2780	27.50
LEDBX-30-830-R50-RSF	22-1/2"	-	-	2740	27.50
LED Replacement for 55W TTL fluorescent lamp					
LEDBX-32-850-R55-RSF	22-1/2"	-	-	3250	30.00
LEDBX-32-840-R55-RSF	22-1/2"	-	-	3195	30.00
LEDBX-32-835-R55-RSF	22-1/2"	-	-	3090	30.00
LEDBX-32-830-R55-RSF	22-1/2"	-	-	3000	30.00

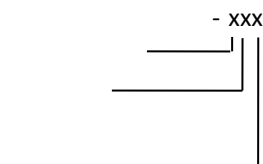
Note: All specification information subject to change without notice.

Part number designation:

R - Rotatable end cap

S - Standard Performance

C - Clear or F - Frosted Lens



*Clear lens models are special order

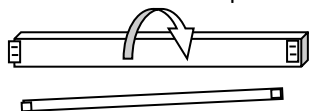
Installation Instructions:

Quick and Simple - No re-wiring required

Step 1: Turn Power - OFF



Step 2: Remove Fluorescent lamp



Step 3: Plug in Quick-Fit LED lamp



Step 4: Turn Power - ON



Existing Ballast Wiring:

Operates on Standard Instant Start or Program Start Electronic ballast compatible with PLL 2G11 lamps using existing fixture lamp socket wiring. Refer to specific ballast wiring diagram for details.

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TTL Replacement Specification

40W, 50W and 36W fluorescent replacement

Application Note:

- 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 try LED lamp 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).
- To meet local and national building safety codes most commercial buildings use light fixtures installed with battery backup fluorescent ballasts to provide temporary lighting in the event of a power loss. The most common style of battery back-up ballast (~ 80% market share) switches out one lamp from the existing ballast and powers the fluorescent lamp when in operation. The ELB Quick-Fit LED direct replacement lamp with multi-operation technology is compatible with these standard fluorescent battery back-up ballast products where most other direct replacement LED lamps are not compatible. Check local and state electrical codes for acceptance of use.

Ordering Information:

Model #	Type (Dia.)	Base	Length (Inches)	Color Temp. (K)	CRI	Rated Average Life (hrs)	Beam angle	Input Voltage 120 -277VAC
LED Replacement for 36W TTL fluorescent lamp								
LEDBX-25-850-R36-RSx	LED TTL	2G11	16-7/16"	5000	83	50,000	270	ballast
LEDBX-25-840-R36-RSx	LED TTL	2G11	16-7/16"	4000	83	50,000	270	ballast
LEDBX-25-835-R36-RSx	LED TTL	2G11	16-7/16"	3500	83	50,000	270	ballast
LEDBX-25-830-R36-RSx	LED TTL	2G11	16-7/16"	3000	83	50,000	270	ballast
LED Replacement for 40W TTL fluorescent lamp (17W)								
LEDBX-17-850-B-RSx	LED TTL	2G11	22-1/2"	5000	83	50,000	270	ballast
LEDBX-17-840-B-RSx	LED TTL	2G11	22-1/2"	4000	83	50,000	270	ballast
LEDBX-17-835-B-RSx	LED TTL	2G11	22-1/2"	3500	83	50,000	270	ballast
LEDBX-17-830-B-RSx	LED TTL	2G11	22-1/2"	3000	83	50,000	270	ballast
LED Replacement for 40W TTL fluorescent lamp (22W)								
LEDBX-22-850-B-RSx	LED TTL	2G11	22-1/2"	5000	83	50,000	270	ballast
LEDBX-22-840-B-RSx	LED TTL	2G11	22-1/2"	4000	83	50,000	270	ballast
LEDBX-22-835-B-RSx	LED TTL	2G11	22-1/2"	3500	83	50,000	270	ballast
LEDBX-22-830-B-RSx	LED TTL	2G11	22-1/2"	3000	83	50,000	270	ballast
LED Replacement for 50W TTL fluorescent lamp								
LEDBX-30-850-R50-RSx	LED TTL	2G11	22-1/2"	5000	83	50,000	270	ballast
LEDBX-30-840-R50-RSx	LED TTL	2G11	22-1/2"	4000	83	50,000	270	ballast
LEDBX-30-835-R50-RSx	LED TTL	2G11	22-1/2"	3500	83	50,000	270	ballast
LEDBX-30-830-R50-RSx	LED TTL	2G11	22-1/2"	3000	83	50,000	270	ballast
LED Replacement for 55W TTL fluorescent lamp								
LEDBX-32-850-R55-RSx	LED TTL	2G11	22-1/2"	5000	83	50,000	270	ballast
LEDBX-32-840-R55-RSx	LED TTL	2G11	22-1/2"	4000	83	50,000	270	ballast
LEDBX-32-835-R55-RSx	LED TTL	2G11	22-1/2"	3500	83	50,000	270	ballast
LEDBX-32-830-R55-RSx	LED TTL	2G11	22-1/2"	3000	83	50,000	270	ballast

Note: Lamps operate at 120,277 and 377VAC using the existing electronic ballast. Lamp wattage and Lumens noted in chart are based on operation with standard 40W BIAX ballast. Photometric testing is consistent with IES-LM-79 and tested to L70 requirements.

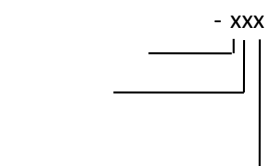
See Warranty for terms and conditions. Information is subject to change without notice.

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