



Regulation Readiness

FLUORESCENT PHASE-OUT

Current 

Regulation Readiness – Fluorescent Phase-Out



In an effort to regulate consumer products that contain mercury, state governments within the USA have passed legislation that will prohibit the sale and distribution of Linear and Compact Fluorescent lamps. The effective date of each state regulation is shown in the table below. This table will continue to evolve as new legislation is passed.

Regulation Effective Date by Product Category

State	Product Category			
	4-Foot Linear Fluorescent	All Linear Fluorescent	Screw or Bayonet Based Compact Fluorescent	Pin Based Compact Fluorescent
Vermont	1/1/2024			
California		1/1/2025	1/1/2024	1/1/2025
Colorado		1/1/2025	1/1/2024	1/1/2025
Oregon		1/1/2025	1/1/2024	1/1/2025
Rhode Island		1/1/2025	1/1/2024	1/1/2025
Hawaii		1/1/2026	1/1/2025	1/1/2026
Maine		1/1/2026	1/1/2026	1/1/2026
Washington State		1/1/2029	1/1/2029	1/1/2029

Mercury in Fluorescent Lighting

Fluorescent technology was developed by General Electric in 1934. While the amount of mercury in each fluorescent lamp has significantly decreased over the past 90 years, a small amount is still required to produce light in all Discharge lamps. When electricity is applied to a fluorescent tube, mercury ions emit energy in the form of ultraviolet (UV) light. UV light is then converted into visible light by interacting with the phosphor coating on the inside of the glass tube. Mercury has electrical characteristics that cannot be matched by other materials and remains a key component of fluorescent lighting.

Transitioning to LED Lighting

LED (Light Emitting Diode) lamps do not contain mercury, and Current offers a variety of LED lamp options to replace Linear & Compact Fluorescent lamps. The different Types of LED lamps are explained in the following pages. Suggested LED replacements are noted for fluorescent lamps in the tables in this document. These are basic recommendations, but suitability should be evaluated for each specific application where fluorescent lamps were used. For more information about the transition from fluorescent to LED, contact your Current sales representative.



LED Lamps – Tubes

LED Tubes, sometimes referred to as "TLEDs," are meant to use linear fluorescent sockets and fixtures. LED Tubes have the same length and pins as the linear fluorescent lamps they are intended to replace. The details of how the fixture is wired and the auxiliary equipment used may vary, depending on the LED Tube solution.

The lighting industry refers to three basic Types of LED Tubes:

-**Type A LED Tubes** are intended to be used as direct replacements for linear fluorescent lamps, with no modification to the fixture. Type A LED Tubes operate from fluorescent ballasts.

-**Type B LED Tubes** operate from mains voltage. The ballast is bypassed and the fixture is re-wired according to the installation instructions that come with the lamp. Wiring may vary across Type B LED Tubes from different manufacturers. A retrofit fixture label indicating the LED Tube used and that the fixture has been re-wired is provided to be applied to the fixture.

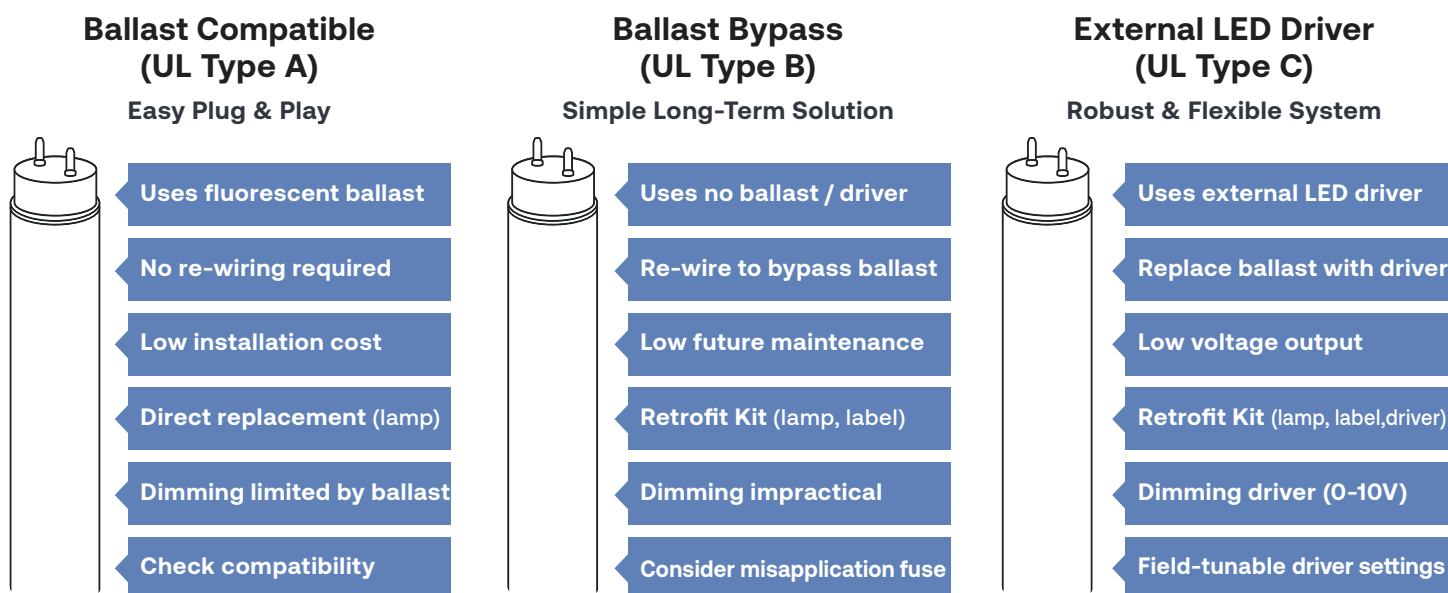
-**Type C LED Tubes** operate from dedicated remote (external) LED drivers. Instead of a ballast, a remote driver is used to provide the proper voltage and current for the Type C LED Tubes. A retrofit fixture label indicating the LED Tube and Driver used is provided to be applied to the fixture. Type C LED Tube and Driver solutions vary across the industry – they are not yet standardized like linear fluorescent lamps and ballasts.

There are also "hybrid" lamps that can cover multiple Types of LED Tubes, depending on how they are implemented.

Current offers a wide range of GE LED Tubes to replace linear fluorescent lamps, including all of the Types above. Each Type of LED Tube offers different advantages, so the right solution may vary by application.

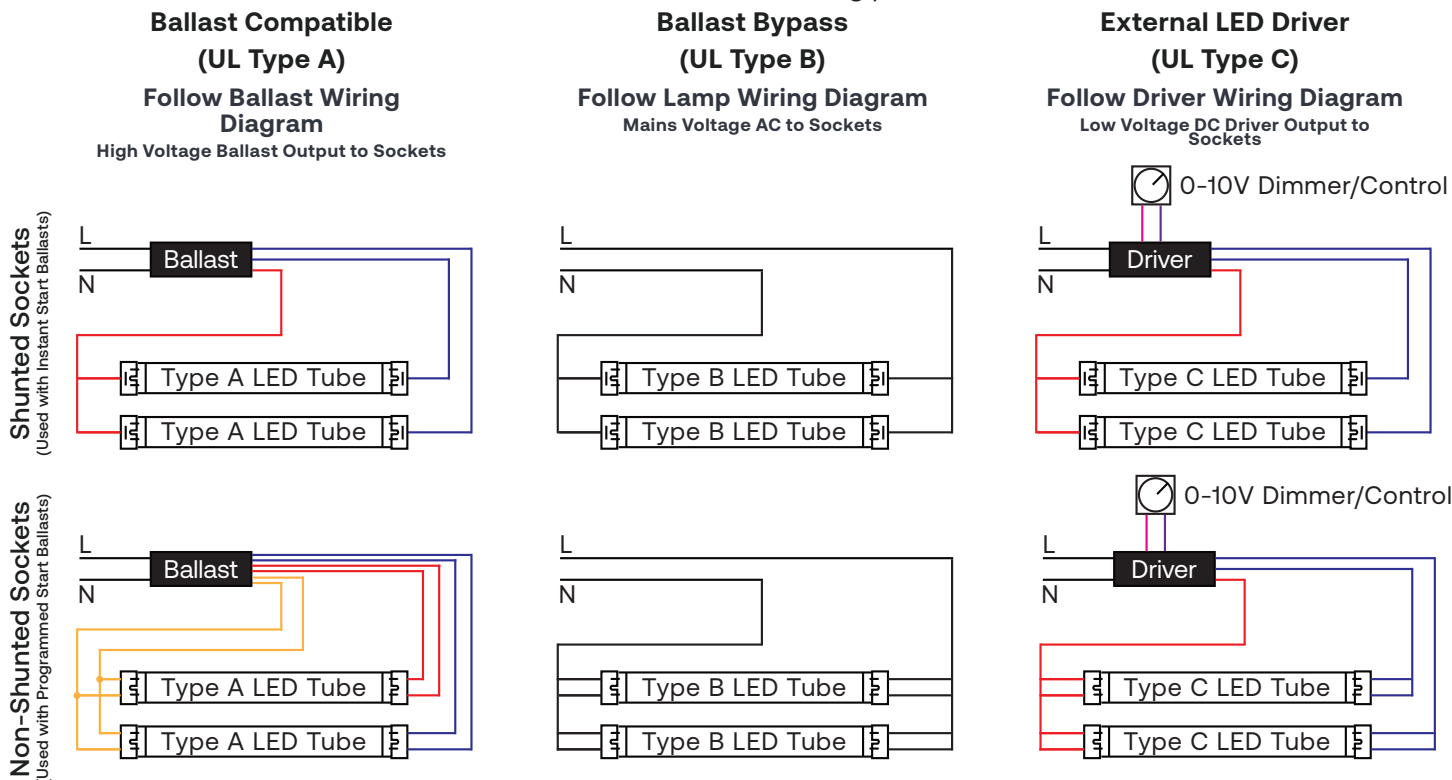
Which LED Tube is right for you?

A basic comparison of the Types of LED Tubes is provided below. For more detailed information, please contact your Current sales representative.



LED Tube Wiring Basics

The wiring diagrams below are provided as general guidance for GE LED Tubes. Other manufacturers' may vary. Refer to installation guides provided with GE LED Tubes for more detailed directions. If sockets are in good condition, no socket replacement should be necessary for GE LED Tubes. Add a jumper to non-shunted sockets, or tie both wires from a non-shunted socket to the incoming power as shown.



LED Tube Construction, Coating, & covRguard®:

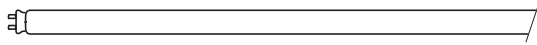
GE LED Tubes are primarily constructed of glass tubes with an internal coating for diffusion. This is similar to linear fluorescent construction that has been used for decades. Glass is a stable material and works well for most applications. The coating inside the glass provides good diffusion, spreading out the light and eliminating hot spots and pixilation from the individual LEDs.

GE LED Tubes are also offered with PET coating. This white coating is heat-shrunk onto a clear glass tube. Diffusion is supplied by the PET coating, which also provides some shatter resistance. These lamps are NSF Splash Zone rated.

GE LED Tubes are also available with covRguard®. Similar to covRguard® on linear fluorescent lamps, a polycarbonate sleeve is applied over the glass tube and affixed to the lamp end caps. This construction provides excellent shatter protection. These lamps are NSF Food Zone (Non-contact) rated.



Regulation Readiness – Fluorescent Phase-Out



T5 (5/8" diameter) Miniature Bi-Pin Base (G5)



Min BiPin
G5

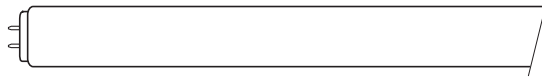
T5 Linear Fluorescent

T5 Linear Fluorescent Miniature Bi-Pin (G5)			Ballast Bypass (Type B) LED Tube		Ballast Compatible (Type A) LED Tube		Remote Driver (Type C) LED Tube	
Order Code	Description	Color Temp.	Order Code	Description	Order Code	Description	Order Code	Description
31590	F14W/T5/830/ECO	3000K	93128494	LED9BDT5G2/830HE	34403	LED7ET5/G2/830HE	38968	LEDT5/LC/G/2/830
46671	F14W/T5/835/ECO	3500K	93128495	LED9BDT5G2/835HE	34404	LED7ET5/G2/835HE	38980	LEDT5/LC/G/2/835
46673	F14W/T5/841/ECO	4100K	93128570	LED9BDT5G2/840HE	34411	LED7ET5/G2/840HE	38983	LEDT5/LC/G/2/840
46677	F21W/T5/830/ECO	3000K	93128488	LED11BDT5G3830HE	34371	LED10ET5G3/830HE	39000	LEDT5LC/G3/830HE
46684	F21W/T5/835/ECO	3500K	93128490	LED11BDT5G3835HE	34376	LED10ET5G3/835HE	39001	LEDT5LC/G3/835HE
46687	F21W/T5/841/ECO	4100K	93128491	LED11BDT5G3840HE	34401	LED10ET5G3/840HE	39002	LEDT5LC/G3/840HE
46704	F28W/T5/830/ECO	3000K	93128354	LED14BDT5G4830HE	34351	LED13ET5G4/830HE	38993	LEDT5LC/G4/830HE
46705	F28W/T5/835/ECO	3500K	93128355	LED14BDT5G4835HE	34354	LED13ET5G4/835HE	38995	LEDT5LC/G4/835HE
46706	F28W/T5/841/ECO	4100K	93128486	LED14BDT5G4840HE	34355	LED13ET5G4/840HE	38998	LEDT5LC/G4/840HE
46699	F24W/T5/830/ECO	3000K	93113793	LED11BDT5/G2/830	34413	LED11ET5/G/2/830	38968	LEDT5/LC/G/2/830
46700	F24W/T5/835/ECO	3500K	93114322	LED11BDT5/G2/835	34417	LED11ET5/G/2/835	38980	LEDT5/LC/G/2/835
46701	F24W/T5/841/ECO	4100K	93114323	LED11BDT5/G2/840	34418	LED11ET5/G/2/840	38983	LEDT5/LC/G/2/840
46744	F39W/T5/830/ECO	3000K	93114325	LED17BDT5/G3/830			38947	LEDT5/LC/G/3/830
46745	F39W/T5/835/ECO	3500K	93114626	LED17BDT5/G3/835			38948	LEDT5/LC/G/3/835
46759	F54W/T5/830/ECO	3000K	93100292	LED25BDT5/G4/830	19203	LED26ET5/G/4/830	38926	LEDT5/LC/G/4/830
46760	F54W/T5/835/ECO	3500K	93100293	LED25BDT5/G4/835	19221	LED26ET5/G/4/835	38934	LEDT5/LC/G/4/835
46761	F54W/T5/841/ECO	4100K	93100294	LED25BDT5/G4/840	19227	LED26ET5/G/4/840	38940	LEDT5/LC/G/4/840
46762	F54W/T5/850/ECO	5000K	93100295	LED25BDT5/G4/850	19348	LED26ET5/G/4/850	38946	LEDT5/LC/G/4/850
46763	F54W/T5/865/ECO	6500K	93100295	LED25BDT5/G4/850	19348	LED26ET5/G/4/850	38946	LEDT5/LC/G/4/850
68837	F54T5/XL/835/ECO	3500K	93100293	LED25BDT5/G4/835	19221	LED26ET5/G/4/835	38934	LEDT5/LC/G/4/835
71633	F14T5/835/WM/ECO	3500K	93128495	LED9BDT5G2/835HE	34404	LED7ET5/G2/835HE	38980	LEDT5/LC/G/2/835
71629	F54T5/841/WM/ECO	4100K	93100294	LED25BDT5/G4/840	19227	LED26ET5/G/4/840	38940	LEDT5/LC/G/4/840
62022	F54T5/47W/841/ECO	4100K	93100294	LED25BDT5/G4/840	19227	LED26ET5/G/4/840	38940	LEDT5/LC/G/4/840
10059	F8T5/CW	4100K						
10086	F13T5/CW	4100K						
81547	F28W/T5/835/ECO/CVG	3500K						
48458	F54T5/841/HO/ECO/CVG	4100K	93155904	LED25BDT5/G4/840/CVG				
80311	F54T5/850/HO/ECO/CVG	5000K	93155905	LED25BDT5/G4/850/CVG				

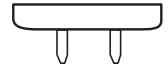
Regulation Readiness – Fluorescent Phase-Out



T8 (1" diameter) Medium Bi-Base (G13)



T12 (1-1/2" Diameter) Medium Bi-Pin Base (G13)



Med BiPin
G13

T8 Linear Fluorescent

T8 Linear Fluorescent Medium Bi-Pin (G13)			Ballast Bypass (Type B) LED Tube		Ballast Compatible (Type A) LED Tube		Remote Driver (Type C) LED Tube	
Order Code	Description	Color Temp.	Order Code	Description	Order Code	Description	Order Code	Description
45741	F17T8/SP30/ECO	3000K	39558	LED9BDT8/G2/830	35775	LED8ET8/G/2/830	36406	LEDT8/LC/G/2/830
45743	F17T8/SP35/ECO	3500K	39560	LED9BDT8/G2/835	35776	LED8ET8/G/2/835	36408	LEDT8/LC/G/2/835
45748	F17T8/SP41/ECO	4100K	39561	LED9BDT8/G2/840	35778	LED8ET8/G/2/840	36409	LEDT8/LC/G/2/840
45754	F25T8/SP35/ECO	3500K	39547	LED12BDT8/G3/835	35784	LED11ET8/G/3/835	36395	LEDT8/LC/G/3/835
45756	F25T8/SP41/ECO	4100K	39554	LED12BDT8/G3/840	35788	LED11ET8/G/3/840	36398	LEDT8/LC/G/3/840
68850	F32T8/SPX30/ECO2	3000K	39493	LED14BDT8/G4/830	34283	LED14ET8/G/4/830	34211	LEDT8/LC/G/4/830
68851	F32T8/SPX35/ECO2	3500K	39494	LED14BDT8/G4/835	34289	LED14ET8/G/4/835	34227	LEDT8/LC/G/4/835
68852	F32T8/SPX41/ECO2	4100K	39498	LED14BDT8/G4/840	34291	LED14ET8/G/4/840	34235	LEDT8/LC/G/4/840
68853	F32T8/SPX50/ECO2	5000K	39519	LED14BDT8/G4/850	34300	LED14ET8/G/4/850	34239	LEDT8/LC/G/4/850
66342	F32T8/SPX65/ECO2	6500K	39519	LED14BDT8/G4/850	34300	LED14ET8/G/4/850	34239	LEDT8/LC/G/4/850
72129	F32T8/25W/SPX35/ECO	3500K	93117213	LED11BDT8/G4/835	93107391	LED11ET8/G/4/835	34227	LEDT8/LC/G/4/835
72130	F32T8/25W/SPX41/ECO	4100K	93117214	LED11BDT8/G4/840	93107392	LED11ET8/G/4/840	34235	LEDT8/LC/G/4/840
72131	F32T8/25W/SPX50/ECO	5000K	93117215	LED11BDT8/G4/850	93107393	LED11ET8/G/4/850	34239	LEDT8/LC/G/4/850
72864	F28T8/XL/SPX35/ECO	3500K	93117213	LED11BDT8/G4/835	93107391	LED11ET8/G/4/835	34227	LEDT8/LC/G/4/835
72866	F28T8/XL/SPX41/ECO	4100K	93117214	LED11BDT8/G4/840	93107392	LED11ET8/G/4/840	34235	LEDT8/LC/G/4/840
72867	F28T8/XL/SPX50/ECO	5000K	93117215	LED11BDT8/G4/850	93107393	LED11ET8/G/4/850	34239	LEDT8/LC/G/4/850
10326	F32T8/XL/SPX35/HL/ECO	3500K	39494	LED14BDT8/G4/835	34289	LED14ET8/G/4/835	34227	LEDT8/LC/G/4/835
10322	F32T8/XL/SPX41/HL/ECO	4100K	39498	LED14BDT8/G4/840	34291	LED14ET8/G/4/840	34235	LEDT8/LC/G/4/840
42556	F32T8/XL/SPX50/HL/ECO	5000K	39519	LED14BDT8/G4/850	34300	LED14ET8/G/4/850	34239	LEDT8/LC/G/4/850
72118	F31T8/SPX35/U/ECO	3500K	93107352	LED13BDT8/U/835			28084	LED14T8/U/835
72119	F31T8/SPX41/U/ECO	4100K	93107388	LED13BDT8/U/840			28164	LED14T8/U/840
28145	F32T8/SP30/U6/ECO	3000K	93133049	LED13BDT8/U6/830	43120	LED13ET8/U6/830	43131	LED15T8/G/U6/830
28149	F32T8/SP35/U6/ECO	3500K	93133050	LED13BDT8/U6/835	43125	LED13ET8/U6/835	43135	LED15T8/G/U6/835
28152	F32T8/SP41/U6/ECO	4100K	93133051	LED13BDT8/U6/840	43129	LED13ET8/U6/840	43143	LED15T8/G/U6/840
72112	F32T8/SPX35/U6/ECO	3500K	93133050	LED13BDT8/U6/835	43125	LED13ET8/U6/835	43135	LED15T8/G/U6/835
72113	F32T8/SPX41/U6/ECO	4100K	93133051	LED13BDT8/U6/840	43129	LED13ET8/U6/840	43143	LED15T8/G/U6/840
41126	F32T8SPX35ECOCVG	3500K	93154588	LED16BDT8/G4/835XL/CVG	93135946	LED18ET8/G/4/835CVG		
41127	F32T8SPX41ECOCVG	4100K	93154589	LED16BDT8/G4/840XL/CVG	93135947	LED18ET8/G/4/840CVG		
15971	F32T8SPX50ECOCVG	5000K	93154586	LED16BDT8/G4/850XL/CVG	93135948	LED18ET8/G/4/850CVG		
94843	F32T8SPX65ECOCVG	6500K	93154586	LED16BDT8/G4/850XL/CVG	93135948	LED18ET8/G/4/850CVG		

T12 Linear Fluorescent

T12 Linear Fluorescent Medium Bi-Pin (G13)			Ballast Bypass (Type B) LED Tube		Ballast Compatible (Type A) LED Tube		Remote Driver (Type C) LED Tube	
Order Code	Description	Color Temp.	Order Code	Description	Order Code	Description	Order Code	Description
66474	F34CX41/WM/ECO	4100K	93117214	LED11BDT8/G4/840	93107392	LED11ET8/G/4/840	34235	LEDT8/LC/G/4/840
80096	F40C50/ECO	5000K	93117215	LED11BDT8/G4/850	93107393	LED11ET8/G/4/850	34239	LEDT8/LC/G/4/850
80097	F40DX/ECO	6500K	93117215	LED11BDT8/G4/850	93107393	LED11ET8/G/4/850	34239	LEDT8/LC/G/4/850
80045	F20T12/CW/ECO	4100K	39561	LED9BDT8/G2/840	35778	LED8ET8/G/2/840	36409	LEDT8/LC/G/2/840
80047	F20T12/D/ECO	6500K	39563	LED9BDT8/G2/850	35779	LED8ET8/G/2/850	36413	LEDT8/LC/G/2/850

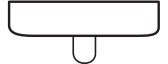
Regulation Readiness – Fluorescent Phase-Out



T8 (1" diameter) Single Pin Base (Fa8)



T12 (1-1/2" Diameter) Single Pin Base (Fa8)



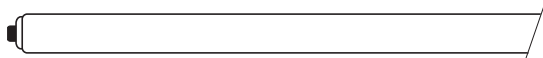
Single Pin
Fa8

T8 Linear Fluorescent

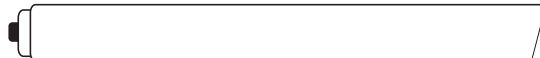
T8 Linear Fluorescent Single Pin (Fa8)		Color Temp.	Ballast Bypass (Type B) LED Tube		Ballast Compatible (Type A) LED Tube		Remote Driver (Type C) LED Tube	
Order Code	Description		Order Code	Description	Order Code	Description	Order Code	Description
68869	F96T8/XL/SPX35/2	3500K	93122171	LED34BDT8/G/8/835			62327	LED36T8/G/8/835
68870	F96T8/XL/SPX41/2	4100K	93122172	LED34BDT8/G/8/840			62329	LED36T8/G/8/840
68871	F96T8/XL/SPX50/2	5000K	93122174	LED34BDT8/G/8/850			62349	LED36T8/G/8/850
15123	F96T8/XLSPX41WMP	4100K	93122172	LED34BDT8/G/8/840			62329	LED36T8/G/8/840

T12 Linear Fluorescent

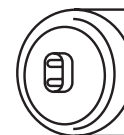
T12 Linear Fluorescent Single Pin (Fa8)		Color Temp.	Ballast Bypass (Type B) LED Tube		Ballast Compatible (Type A) LED Tube		Remote Driver (Type C) LED Tube	
Order Code	Description		Order Code	Description	Order Code	Description	Order Code	Description
68052	F96T12/CW/C/WM	4100K	93122172	LED34BDT8/G/8/840			62329	LED36T8/G/8/840
66858	F96T12XL/HL41/WM	4100K	93122172	LED34BDT8/G/8/840			62329	LED36T8/G/8/840
14652	F96T12/DX	6500K	93122174	LED34BDT8/G/8/850			62349	LED36T8/G/8/850



T8 (1" diameter) Recessed Double Contact Base (R17d)



T12 (1-1/2" Diameter) Recessed Double Contact Base (R17d)



Recessed
Double Contact
R17d

T8 Linear Fluorescent

T8 Linear Fluorescent Recessed Double Contact (R17d)		Color Temp.	Ballast Bypass (Type B) LED Tube	
Order Code	Description		Order Code	Description
12533	F96T8/SPX35/HO	3500K	93132591	LED43BDT8/G8/835
12534	F96T8/SPX41/HO	4100K	93132592	LED43BDT8/G8/840
12535	F96T8/SPX50/HO	5000K	93132593	LED43BDT8/G8/850

T12 Linear Fluorescent

T12 Linear Fluorescent (Recessed Double Contact (R17d))		Color Temp.	Ballast Bypass (Type B) LED Tube	
Order Code	Description		Order Code	Description
10773	F48T12/CW/HO	4100K		
10778	F48T12/D/HO	6500K		
23075	F60T12/CW/HO 15PK	4100K		
23077	F60T12/D/HO 15PK	6500K		
13697	F72T12/CW/HO 15PK	4100K		
13699	F72T12/D/HO 15PK	6500K		
13766	F84T12/CW/HO 15PK	4100K		
13767	F84T12/D/HO 15PK	6500K		
66862	F96T12/HL41/HO/WM	4100K	93132592	LED43BDT8/G8/840
11918	F96T12/CW/HO/CT	4100K	93132592	LED43BDT8/G8/840
11919	F96T12/D/HO/CT	6500K	93132593	LED43BDT8/G8/850



LED Lamps – Type A Plug-ins

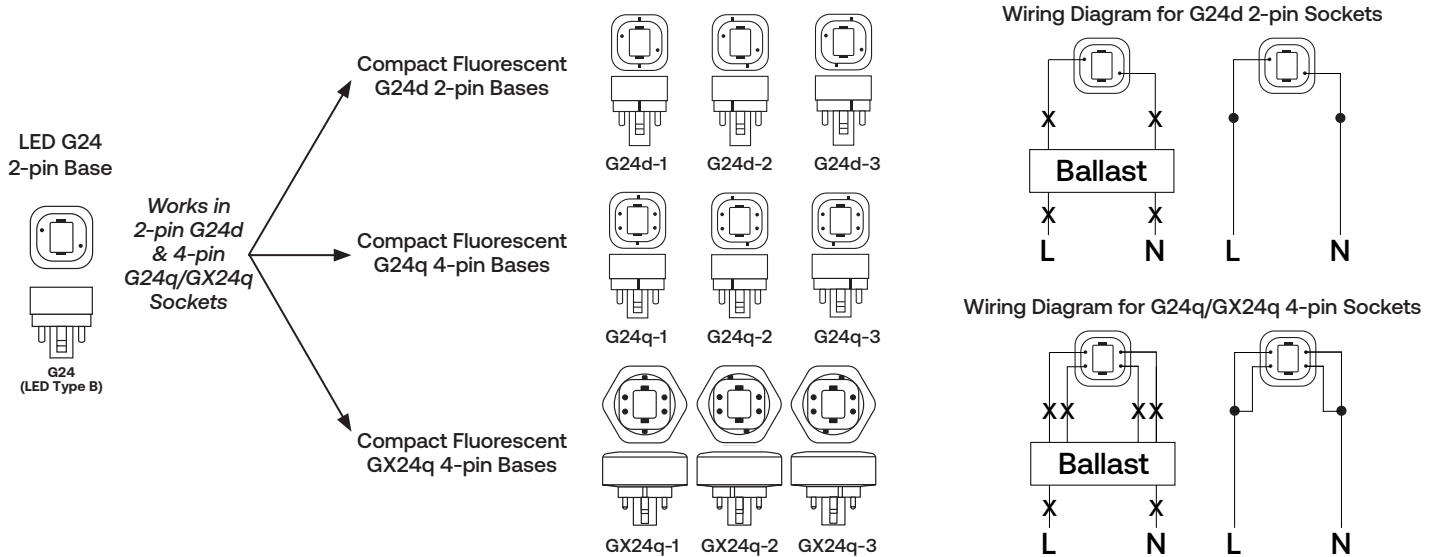
Type A LED plug-in lamps are direct replacements for pin-based compact fluorescent lamps. These lamps operate from CFL ballasts. Horizontal and vertical orientation lamps are offered in order to minimize energy consumption and improve fixture efficiency. Choose the lamp orientation that suits the application.



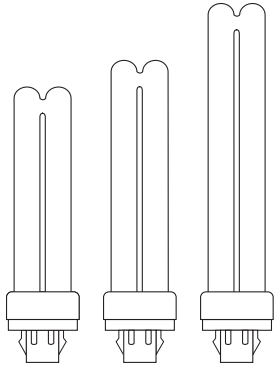
LED Lamps – Type B Plug-ins

Type B LED plug-in lamps offer the opportunity to replace pin-based compact fluorescent lamps and eliminate costs related to the ballasts. Type B lamps operate from mains voltage. The fixture is re-wired to bypass the ballast. Horizontal and vertical orientation lamps are offered in order to minimize energy consumption and improve fixture efficiency. Choose the lamp orientation that suits the application.

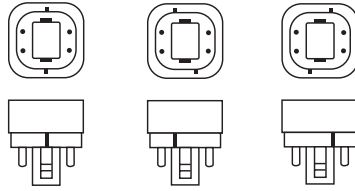
Type B LED plug-in lamps can be used in a variety of compact fluorescent sockets. By re-wiring the socket and eliminating concerns related to ballast compatibility, a single lamp can fit and operate in a wider variety of sockets. Type B LED plug-in lamp bases do not have exclusionary features related to specific wattages like CFL lamps do. A 2-pin G24 lamp can fit in 2-pin G24d or 4-pin G24q/GX24q sockets as shown below.



Regulation Readiness – Fluorescent Phase-Out



F13DBX G24q-1 F18DBX G24q-2 F26DBX G24q-3



G24q-1 G24q-2 G24q-3

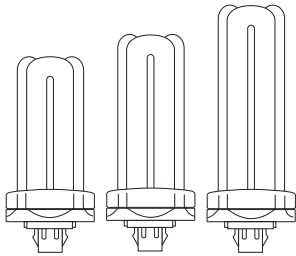
Double Biax® Compact Fluorescent (4-pin)

4-Pin Base: G24q-1		Color Temp.	Ballast Bypass (Type B) LED Lamp		Ballast Compatible (Type A) LED Lamp	
Order Code	Description		Order Code	Description	Order Code	Description
97594	F13DBX/827/ECO4P	2700K	93300068	LED8BG24-O/827-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
					Horizontal: 33994	LED9G24Q-H/827
97595	F13DBX/830/ECO4P	3000K	93300069	LED8BG24-O/830-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
					Horizontal: 33997	LED9G24Q-H/830
97596	F13DBX/835/ECO4P	3500K	93300080	LED8BG24-O/835-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
					Horizontal: 33998	LED9G24Q-H/835
97597	F13DBX/841/ECO4P	4100K	93300081	LED8BG24-O/840-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
					Horizontal: 33999	LED9G24Q-H/840

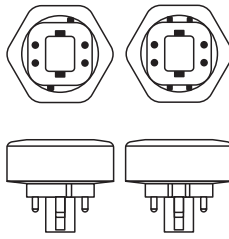
4-Pin Base: G24q-2		Color Temp.	Ballast Bypass (Type B) LED Lamp		Ballast Compatible (Type A) LED Lamp	
Order Code	Description		Order Code	Description	Order Code	Description
97598	F18DBX/827/ECO4P	2700K	93300082	LED10BG24-O/827-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
					Horizontal: 33994	LED9G24Q-H/827
97599	F18DBX/830/ECO4P	3000K	93300083	LED10BG24-O/830-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
					Horizontal: 33997	LED9G24Q-H/830
97600	F18DBX/835/ECO4P	3500K	93300084	LED10BG24-O/835-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
					Horizontal: 33998	LED9G24Q-H/835
97601	F18DBX/841/ECO4P	4100K	93300086	LED10BG24-O/840-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
					Horizontal: 33999	LED9G24Q-H/840

4-Pin Base: G24q-3		Color Temp.	Ballast Bypass (Type B) LED Lamp		Ballast Compatible (Type A) LED Lamp	
Order Code	Description		Order Code	Description	Order Code	Description
97610	F26DBX/827/ECO4P	2700K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 33994	LED9G24Q-H/827
97611	F26DBX/830/ECO4P	3000K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 33997	LED9G24Q-H/830
97612	F26DBX/835/ECO4P	3500K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 33998	LED9G24Q-H/835
97613	F26DBX/841/ECO4P	4100K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 33999	LED9G24Q-H/840

Regulation Readiness – Fluorescent Phase-Out



F26TBX F32TBX F42TBX
GX24q-3 GX24q-3 GX24q-4

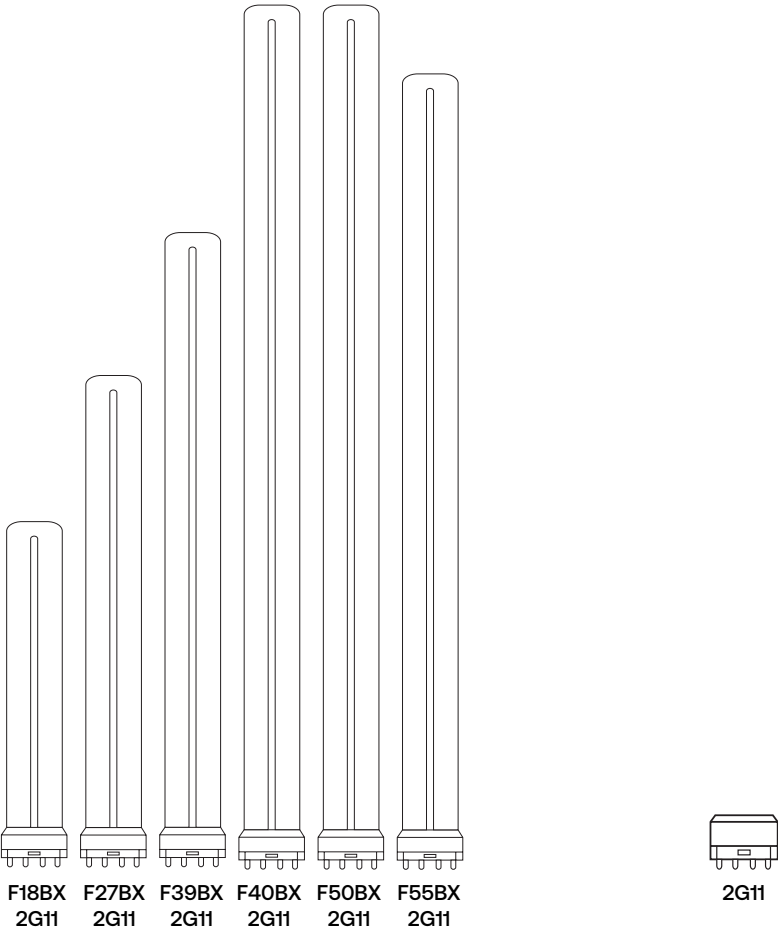


GX24q-3 GX24q-4

Triple Biax® Compact Fluorescent (4-pin)

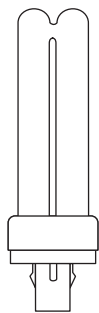
4-Pin Base: GX24q-3		Color Temp.	Ballast Bypass (Type B) LED Lamp		Ballast Compatible (Type A) LED Lamp	
Order Code	Description		Order Code	Description	Order Code	Description
97614	F26TBX/827/A/ECO	2700K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 33994	LED9G24Q-H/827
97615	F26TBX/830/A/ECO	3000K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 33997	LED9G24Q-H/830
97616	F26TBX/835/A/ECO	3500K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 33998	LED9G24Q-H/835
97617	F26TBX/841/A/ECO	4100K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300089	LED9G24q-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 33999	LED9G24Q-H/840
97629	F32TBX/827/A/ECO	2700K	Vertical: 93312489	LED18BG24-V/8SC/120-347	Vertical: 39288	LED19GX24q-V/827
			Horizontal: 93312525	LED18BG24-H/8SC/120-347	Horizontal: 39289	LED19GX24q-H/827
97630	F32TBX/830/A/ECO	3000K	Vertical: 93312489	LED18BG24-V/8SC/120-347	Vertical: 39277	LED19GX24q-V/830
			Horizontal: 93312525	LED18BG24-H/8SC/120-347	Horizontal: 39282	LED19GX24q-H/830
97631	F32TBX/835/A/ECO	3500K	Vertical: 93312489	LED18BG24-V/8SC/120-347	Vertical: 39275	LED19GX24q-V/835
			Horizontal: 93312525	LED18BG24-H/8SC/120-347	Horizontal: 39276	LED19GX24q-H/835
97632	F32TBX/841/A/ECO	4100K	Vertical: 93312489	LED18BG24-V/8SC/120-347	Vertical: 39279	LED19GX24q-V/840
			Horizontal: 93312525	LED18BG24-H/8SC/120-347	Horizontal: 39283	LED19GX24q-H/840

Base: GX24q-4		Color Temp.	Ballast Bypass (Type B) LED Lamp		Ballast Compatible (Type A) LED Lamp	
Order Code	Description		Order Code	Description	Order Code	Description
97633	F42TBX/827/A/ECO	2700K	Vertical: 93312489	LED18BG24-V/8SC/120-347	Vertical: 39288	LED19GX24q-V/827
			Horizontal: 93312525	LED18BG24-H/8SC/120-347	Horizontal: 39289	LED19GX24q-H/827
97634	F42TBX/830/A/ECO	3000K	Vertical: 93312489	LED18BG24-V/8SC/120-347	Vertical: 39277	LED19GX24q-V/830
			Horizontal: 93312525	LED18BG24-H/8SC/120-347	Horizontal: 39282	LED19GX24q-H/830
97635	F42TBX/835/A/ECO	3500K	Vertical: 93312489	LED18BG24-V/8SC/120-347	Vertical: 39275	LED19GX24q-V/835
			Horizontal: 93312525	LED18BG24-H/8SC/120-347	Horizontal: 39276	LED19GX24q-H/835
97636	F42TBX/841/A/ECO	4100K	Vertical: 93312489	LED18BG24-V/8SC/120-347	Vertical: 39279	LED19GX24q-V/840
			Horizontal: 93312525	LED18BG24-H/8SC/120-347	Horizontal: 39283	LED19GX24q-H/840

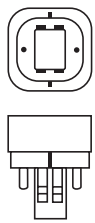


High Lumen Biax® Compact Fluorescent (4-pin)

4-Pin Base: 2G11		Color Temp.	Ballast Bypass (Type B) LED Lamp		Ballast Compatible (Type A) LED Lamp	
Order Code	Description		Order Code	Description	Order Code	Description
16053	F18BX/SPX35 10PK	3500K				
16940	F18BX/SPX41 10PK	4100K				
28393	F39BXSPX35RS10PK	3500K				
28458	F39BXSPX41RS10PK	4100K				
75400	F40/25BX/835/IS/WM	3500K	93136086	LED17B2G11/835	39074	LED172G11/835/10
16953	F40/30BX/SPX30	3000K	93136025	LED17B2G11/830	39073	LED172G11/830/10
16648	F40/30BX/SPX35	3500K	93136086	LED17B2G11/835	39074	LED172G11/835/10
16954	F40/30BX/SPX41	4100K	93136087	LED17B2G11/840	39075	LED172G11/840/10
31952	F55BX/835	3500K				
31953	F55BX/840	4100K				



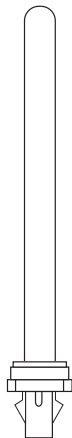
F13DBX
GX23-2



GX23-2

Double Biax® Compact Fluorescent (2-pin)

2-Pin Base: GX23-2		Color Temp.	Ballast Bypass (Type B) LED Lamp	
Order Code	Description		Order Code	Description
97586	F13DBX23/827/ECO	2700K	93312531	LED8BGX23-2-O/827
97588	F13DBX23/835/ECO	3500K	93312543	LED8BGX23-2-O/835
97589	F13DBX23/841/ECO	4100K	93312549	LED8BGX23-2-O/840



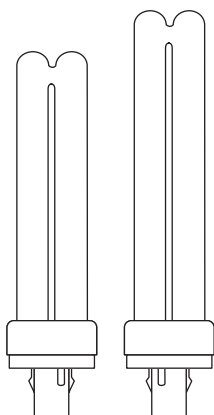
F13BX
GX23



GX23

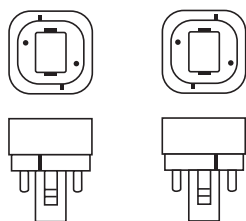
Low Watt Biax® Compact Fluorescent (2-pin)

2-Pin Base: GX23		Color Temp.	Ballast Bypass (Type B) LED Lamp		Ballast Compatible (Type A) LED Lamp	
Order Code	Description		Order Code	Description	Order Code	Description
97573	F13BX/827/ECO	2700K	93312495	LED5BGX23/827	91404	LED5GX23/827
97569	F13BX/835/ECO	3500K	93312507	LED5BGX23/835	91407	LED5GX23/835
97571	F13BX/841/ECO	4100K	93312513	LED5BGX23/840	91408	LED5GX23/840



F18DBX
G24d-2

F26DBX
G24d-3



G24d-2

G24d-3

Double Biax® Compact Fluorescent (2-pin)

2-Pin Base: G24d-2		Color Temp.	Ballast Bypass (Type B) LED Lamp		Ballast Compatible (Type A) LED Lamp	
Order Code	Description		Order Code	Description	Order Code	Description
97577	F18DBX/827/ECO	2700K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300091	LED11G24d-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 93300090	LED11G24d-H/8SC-4PK
97579	F18DBX/835/ECO	3500K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300091	LED11G24d-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 93300090	LED11G24d-H/8SC-4PK
97580	F18DBX/841/ECO	4100K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300091	LED11G24d-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 93300090	LED11G24d-H/8SC-4PK

2-Pin Base: G24d-3		Color Temp.	Ballast Bypass (Type B) LED Lamp		Ballast Compatible (Type A) LED Lamp	
Order Code	Description		Order Code	Description	Order Code	Description
97606	F26DBX/827/ECO	2700K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300091	LED11G24d-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 93300090	LED11G24d-H/8SC-4PK
97608	F26DBX/835/ECO	3500K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300091	LED11G24d-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 93300090	LED11G24d-H/8SC-4PK
97609	F26DBX/841/ECO	4100K	Vertical: 93300088	LED11BG24-V/8SC/120-347-4PK	Vertical: 93300091	LED11G24d-V/8SC-4PK
			Horizontal: 93300087	LED11BG24-H/8SC/120-347-4PK	Horizontal: 93300090	LED11G24d-H/8SC-4PK