PL Lamp Guide Cross-Reference

SATCO · Compact fluorescent to LED. Find the CFL by base and wattage, confirm the competitor part, then read across for the LED replacement.

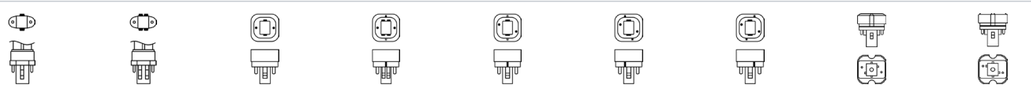
LED INSTALLATION TYPE
- **A** Ballast Compatible — plugs into the existing ballast
- **B** Ballast Bypass — rewire to line voltage, ballast removed
- **A/B** Dual Mode — works with or without the ballast

COLOR TEMPERATURE OPTION
- SINGLE One Fixed CCT per SKU
- SELECT Field-Selectable CCT (switch)
- OMNI Omni CCT Selectable

COLOR CODES (8XX)
827 2700K · **830** 3000K · **835** 3500K
840 / 841 4100K · **850** 5000K
A range like S8530–S8534 covers 827 through 850 in order unless noted otherwise (e.g. **no 827**, **835/840 only**).

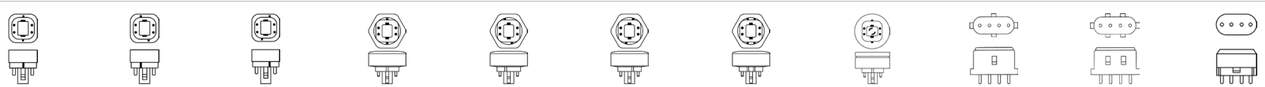
EXISTING CFL LAMP						EQUIVALENT CFL PART NUMBERS				A Ballast Compatible	B Ballast Bypass	A/B Dual mode
	BASE	TYPE	WATTS	LUMENS	CCT	MOL	SATCO	GE	PHILIPS	OSRAM/SYLVANIA	LED REPLACEMENT	LED REPLACEMENT	LED REPLACEMENT
2-PIN Magnetic Ballast	G23	PLS	5W	210–250	2700K	4.21″	CF5DS/8xx/ECO · CFS5W/8xx	—	PL-S 5W/827/2P	CF5DS/827/ECO			
		PLS	7W	360–400	2700–5000K	5.31″	CF7DS/8xx/ECO · CFS7W/8xx	—	PL-S 7W/8xx/2P	CF7DS/8xx/ECO		SINGLE **S18400–S18404** 4.5W/LED/CFL/8xx/G23/BP SELECT **S18405** 4.5W/LED/CFL/5CCT/G23/BP	
		PLS	9W	600	2700–5000K	6¼″	CF9DS/8xx/ECO · CFS9W/8xx	—	PL-S 9W/8xx/2P	CF9DS/8xx/ECO			OMNI **S29880** 3WPLSL/8CCT5/G23/OAB/U
	GX23	PLS	13W	800–825	2700–4100K	7″–7⅛″	CF13DS/8xx/ECO · CFS13W/8xx	F13BX/8xx/ECO	PL-S 13W/8xx/2P	CF13DS/8xx/ECO		SINGLE **S28725–S28729** 6W/LED/CFL/8xx/GX23/BP/G2 SELECT **S28730** 6W/LED/CFL/5CCT/GX23/BP	SINGLE **S11550–S11554** 5.5W/LED/CFL/8xx/2P/DUAL OMNI **S29881** 5WPLSL/8CCT5/GX23/OAB/U
	G23-2	PLC	9W	525	2700–4100K	4.33″	CF9DD/8xx/ECO · CFD9W/8xx	—	—	CF9DD/8xx/ECO			
	GX23-2	PLC	13W	780–810	2700–4100K	4¾″–4⅞″	CF13DD/8xx/ECO · CFD13W/8xx	F13DBX/8xx/ECO	PL-C 13W/8xx/2P	CF13DD/8xx/ECO			SINGLE **S21420–S21424** 5CFL/L/8xx/GX23/AB/FR/U SELECT **S29882** 5.5WPLCL/8CCT4/GX23/OAB/U
	G24d-1	PLC	10W/13W	600–900	2700–4100K	5.4″	—	CF10Q/8xx F13DBXT4/SPXxx	PL-C 10W/8xx/2P	OSRAM DULUX D 13W/8xx			OMNI **S21430–S21434** 5CFL/L/8xx/G24D/AB/FR/U SELECT **S21425–S21429** 7CFL/L/8xx/G24D/AB/FR/U OMNI **S29883** 5.5WPLCL/8CCT4/G24D/OAB/U
	G24d-2	PLC	18W	1150–1250	2700–4100K	6″–6⅛″	CF18DD/8xx/ECO · CFD18W/8xx	F18DBX/8xx/ECO	PL-C 18W/8xx/2P/ALTO	CF18DD/8xx/ECO		SINGLE **S8530–S8534** 9WPLH/LED/8xx/BP/2P	
	G24d-3	PLC	26W	1710–1800	2700–4100K	6¾″	CF26DD/8xx/ECO · CFD26W/8xx	F26DBX/8xx/ECO	PL-C 26W/8xx/2P/ALTO	CF26DD/8xx/ECO	SINGLE **S9854–S9857** 9WPLH/LED/8xx/DR/2P no 827 SINGLE **S9862–S9865** 9WPLV/LED/8xx/DR/2P no 827	SINGLE **S8535–S8539** 9WPLV/LED/8xx/BP/2P OMNI **S29855** 9W/LED/CFL/4CCT/BP/2P	SINGLE **S21425–S21429** 7CFL/L/8xx/G24D/AB/FR/U SELECT **S21411** 9PL/LED/HV/5CCT/A+B/G24D **26W only**
	GX32d-2	PLC	22W	1200	2700K	6″	S6020 · FDL22LE/D/PLC 15MM	—	—	—		SELECT **S11545** 14W/LED/CFL/3CCT/BP/GX32D-2	OMNI **S29898** 7WPLCL/8CCT4/GX32D/OAB/U
	GX32d-3	PLC	28W	1600	2800K	6¾″	S6022 · FDL28LE/D 27/2800K Q/28	—	—	—		SELECT **S11546** 18W/LED/CFL/3CCT/BP/GX32D-3	OMNI **S29899** 9WPLCL/8CCT4/GX32D/OAB/U
4-PIN Electronic Ballast	G24q-1	PLC	13W	900–925	2700–4100K	5″–5¼″	CF13DD/E/8xx · CFD13W/4P/8xx	F13DBX/8xx/ECO4P	PL-C 13W/8xx/4P/ALTO	CF13DD/E/8xx/ECO			
	G24q-2	PLC	18W	1200	2700–4100K	5⅝″–5¾″	CF18DD/E/8xx · CFD18W/4P/8xx	F18DBX/8xx/ECO4P	PL-C 18W/8xx/4P/ALTO	CF18DD/E/8xx/ECO			OMNI **S29884** 7WPLCL/8CCT4/G24Q/OAB/U
	G24q-3	PLC	26W	1710–1800	2700–4100K	6⅜″–6⅝″	CF26DD/E/8xx · CFD26W/4P/8xx	F26DBX/8xx/ECO4P	PL-C 26W/8xx/4P/ALTO	CF26DD/E/8xx/ECO	SINGLE **S29850–S29853** 9WPLH/LED/8xx/DR/4P no 827 SINGLE **S29858–S29861** 9WPLV/LED/8xx/DR/4P no 827 OMNI **S29856** 9.5W/LED/CFL/3CCT/DR/4P	SINGLE **S8530–S8534** 9WPLH/LED/8xx/BP/2P SINGLE **S8535–S8539** 9WPLV/LED/8xx/BP/2P OMNI **S29855** 9W/LED/CFL/4CCT/BP/2P	SELECT **S21410** 9PL/LED/HV/5CCT/A+B/G24Q OMNI **S29854** 9.5W/LED/CFL/3CCT/DUAL/4P
	GX24q-1	PLT	13W	900	2700–4100K	4⅛″	CFT13W/4P/8xx	—	—	CF13DT/E/8xx/ECO			
	GX24q-2	PLT	18W	1165–1175	2700–3500K	4⅜″	CFT18W/4P/8xx	—	PL-T 18W/8xx/A/4P	CF18DT/E/8xx/ECO		OMNI **S29885** 7WPLTL/8CCT4/GX24D/OB/U	
	GX24q-3	PLT	26W	1746–1800	2700–4100K	5″–5¼″	CFT26W/4P/8xx	F26TBX/8xx/A/ECO	PL-T 26W/8xx/A/4P	CF26DT/E/IN/8xx/ECO	SINGLE **S29850–S29853** 9WPLH/LED/8xx/DR/4P no 827 SINGLE **S29858–S29861** 9WPLV/LED/8xx/DR/4P no 827 OMNI **S29856** 9.5W/LED/CFL/3CCT/DR/4P **18W–32W only**	SELECT **S21413** 14W/PL/LED/HL/5CCT/G24 OMNI **S29886** 9WPLTL/8CCT4/GX24D/OB/U	OMNI **S29854** 9.5W/LED/CFL/3CCT/DUAL/4P
		PLT	32W	2250–2400	2700–4100K	5½″–5⅝″	CFT32W/4P/8xx	F32TBX/8xx/A/ECO	PL-T 32W/8xx/A/4P	CF32DT/E/IN/8xx/ECO		SELECT **S21414** 18W/PL/LED/HL/5CCT/G24 OMNI **S29887** 15WPLTL/8CCT4/GX24D/OB/U	
	GX24q-4	PLT	42W	3050–3200	2700–4100K	6⅜″–6½″	CFT42W/4P/8xx	F42TBX/8xx/A/ECO	PL-T 42W/8xx/A/4P	CF42DT/E/IN/8xx/ECO		SELECT **S21415** 22W/PL/LED/HL/5CCT/G24 OMNI **S29888** 17WPLTL/8CCT4/GX24D/OB/U	SELECT **S21412** 16PL/LED/HV/5CCT/A+B/G24Q
	GX24q-5	PLT	57W	4300	2700–4100K	—	—	—	PL-T 57W/841/A/4P	—		OMNI **S29889** 23WPLTL/8CCT4/GX24D/OB/U	
	2G7	PLS	7W	400	2700–4100K	4.53″	CF7DS/E/8xx	—	—	CF7DS/E/8xx			
		PLS	9W	580	2700–4100K	5.71″	CF9DS/E/8xx	—	—	CF9DS/E/8xx		SELECT **S11555** 3.5W/LED/CFL/CCT/2G7/BP	
	2GX7	PLS	13W	800	2700K-3000K	6⅛″	CF13DS/E/8xx	—	—	CF13DS/E/8xx		SELECT **S11556** 5.5W/LED/CFL/CCT/2GX7/BP	
	2G11	PLL	18W	1200	3000–4100K	9″	FT18HL/8xx/4P/ENV	F18BX/SPXxx	PL-L 18W/8xx/4P	FT18DL/8xx/ECO		SELECT **S18420** 8.5PLL/LED/5CCT/BP	SELECT **S18416** 8PLL/LED/5CCT/AB
		PLL	24W	1800	3000–4100K	12 11/16″	FT24HL/8xx/4P/ENV	—	PL-L 24W/841/4P	FT24DL/8xx/ECO		SELECT **S18421** 10PLL/LED/5CCT/BP	SELECT **S18417** 10PLL/LED/5CCT/AB
		PLL	25W	2600	3500K	21¼″	—	F40/25BX/SPXxx/IS/WM	—	—			
		PLL	36W	2900	3000–4100K	16½″	FT36HL/8xx/4P/ENV	—	PL-L 36W/8xx/4P	FT36DL/8xx/ECO		SINGLE **S9952–S9953** 15PLL/LED/8xx/BP 835/840 only SELECT **S18422** 16PLL/LED/5CCT/BP	SELECT **S18418** 16PLL/LED/5CCT/AB
		PLL	39W	2850	3000–4100K	—	—	F39BXSPXxxRS	—	—			
		PLL	40W	3150–3500	3000–4100K	22⅜–22½″	FT40HL/8xx/4P/RS/ENV	F40/30BX/SPXxx	PL-L 40W/8xx/4P/RS/IS	FT40DL/8xx/RS/ECO		SINGLE **S9950–S9951** 23PLL/LED/8xx/BP 835/840 only SELECT **S18423** 20PLL/LED/5CCT/BP	
		PLL	50W	4000	3000–4100K	22½″	—	—	PL-L 50W/841/4P/RS	—			SELECT **S18419** 22PLL/LED/5CCT/AB
		PLL	55W	4800	3000–4100K	20¾″–21.1″	FT55HL/8xx/4P/ENV	F55BX/8xx	—	FT55DL/8xx/ECO			

IDENTIFY THE BASE · 2-PIN



G23 · GX23 · G23-2 · GX23-2 · G24d-1 · G24d-2 · G24d-3 · GX32d-2 · GX32d-3

4-PIN



G24q-1 · G24q-2 · G24q-3 · GX24q-1 · GX24q-2 · GX24q-3 · GX24q-4 · GX24q-5 · 2G7 · 2GX7 · 2G11

MOL = maximum overall length · **CCT** = correlated color temperature · **—** = no equivalent listed · An LED cell that spans several rows fits every lamp beside it, unless marked **only**. Blank LED cells: no LED replacement listed.
Confirm ballast and fixture compatibility before substituting. Type B lamps require rewiring the fixture to bypass the ballast.