

Types of Compact Fluorescent Lamps

A Pacific Energy Center Factsheet

The listing of manufacturers names is not in any way to be considered comprehensive or an endorsement by PG&E.



	Twin Tube		Quad Tube		Quad Tube
Trade Names	2-Pin	4-Pin	2-Pin	4-Pin	2-Pin
General Electric	BX	--	DBX	DBX/4P	--
Osram Sylvania	DS	DS/E	DD	DD/E	--
Philips Lighting	PL-S	--	PL-C	PL-C/4P	PL-C 15mm
Base Type	G23 GX23	2G7 2GX7	GX23 GX23-2 G24d-1 G24d-2 G24d-3	G24q-1 G24q-2 G24q-3	GX32d-2 GX32d-3
Lumen Range	250-825		560-1800		1200-1600
Wattage Range	5-13	5-13	9-26	10-26	20-27
Approx. Efficacy Range	30-48	30-55	42-54	55-67	42-45
Luminaire Applications	Downlights Surface Units Pendants Sconces Floodlights		Downlights Surface Units Pendants Sconces		Outdoor Cold Temp (-20° F)



	2D		Flat Tube
Trade Names	2-Pin	4-Pin	4-Pin
General Electric	2D	2D/4P	--
Osram Sylvania	--	--	DF
Philips Lighting	--	--	--
Base Type	GR8	GR10q	2G-10
Lumen Range	1050- 2050	650- 2850	1100-2800
Wattage Range	16-28	10-38	18-36
Approx. Efficacy Range	40-51	60-75	52-66
Luminaire Applications	Surface Units Sconces		Surface Units Sconces



	Triple Tube		Triple Tube	
Trade Names	4-Pin	2-Pin	4-Pin	
General Electric	--	TBX	TBX/4P	
Osram Sylvania	--	DT	DT/E	
Philips Lighting	PL-T/4P	--	--	
Base Type	G24q-2	GX24d-1	GX24q-1	
	G24q-3	GX24d-2	GX24q-2	
	G24q-4	GX24d-3	GX24q-3	
Lumen Range	1200-3200	840-1800	840-2400	
Wattage Range	18-42	13-26	13-32	
Approx. Efficacy Range	66-76		60-75	
Luminaire Applications	Downlights Surface Units Pendants, Sconces	Downlights Surface Units Pendants, Sconces		

Notes:

1. Color temperatures are typically 2700, 3000, 3500 or 4100 K. Check with individual manufacturer for offerings on specific lamp type.
2. Lamp wattage ranges cover product offerings of three manufacturers. Check with individual manufacturer for availability of specific lamp wattage.
3. GE Triple Tube design is currently under development.
4. GE and Philips Triple Tube lamps utilize amalgam technology.

For More Information

Contact your PG&E representative or call 1-800-468-4743 for more information about PG&E's energy efficiency programs and other services.

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