

## Gen IV™ Collection

Our most advanced electronic CFLs to-date, Gen IV lamps fit a variety of 120-volt lighting fixtures. All Gen IV lamps consume 75% less energy than comparable incandescent bulbs and feature a 10,000-hour rated life span. They are also ENERGY STAR® qualified, which means they offer superior lumen maintenance compared to many other CFLs.

- Low-profile pocket size
- Lights instantly, no flicker
- Approved for damp locations
- Medium screw-in base—E26/24 ANSI
- 84-88 CRI
- 2800K warm color, 5000K cool color
- Start temperature as low as -22°F
- Approved for totally enclosed fixtures (select models)



### Suggested Applications:

Table Lamps, Floor Lamps, Wall Sconces, Outdoor Fixtures (waterproof), Surface Mounted Ceiling Fixtures, Recessed Ceiling Fixtures, Swag Ceiling Fixtures, Task Lighting, Post Mounts (waterproof), Store Merchandising Displays, Totally Enclosed Fixtures (select models only)

### Suggested Harp Sizes:

7": EFA14, EFD14

8": EFA19, EFD19, EFD23

9": EFA23

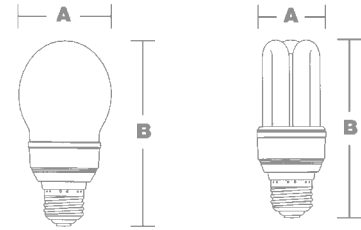


## Gen IV Collection Specifications

Model No.	Shape	Rated Volts (V)	Rated Watts (W)	Incan. Equiv. (W)	Initial Lumens (lm)	Rated Life (hrs.)	Power Factor (%)	THD (%)	Min. Start Temp. (°F)	Color Temp. (K)	CRI	ENERGYSTAR	Totally Enclosed Fixture
EFA14E28	PEAR	120	14	60	840	10,000	>58	<79	-22	2,800	84	Yes	Yes
EFA14E50	PEAR	120	14	60	800	10,000	>58	<79	-22	5,000	88	Yes	Yes
EFD14E28	3U tubes	120	14	60	840	10,000	>58	<79	-22	2,800	84	Yes	Yes
EFD14E50	3U tubes	120	14	60	800	10,000	>58	<79	-22	5,000	88	Yes	Yes
EFA19E28S	PEAR	120	19	75	1,200	10,000	>58	<79	-22	2,800	84	Yes	No
EFA19E50S	PEAR	120	19	75	1,150	10,000	>58	<79	-22	5,000	88	Yes	No
EFD19E28S	4U tubes	120	19	75	1,200	10,000	>58	<79	-22	2,800	84	Yes	Yes
EFD19E50S	4U tubes	120	19	75	1,150	10,000	>58	<79	-22	5,000	88	Yes	Yes
EFA23E28S	PEAR	120	23	90	1,480	10,000	>58	<79	-22	2,800	84	Yes	No
EFA23E50S	PEAR	120	23	90	1,400	10,000	>58	<79	-22	5,000	88	Yes	No
EFD23E28S	4U tubes	120	23	90	1,500	10,000	>58	<79	-22	2,800	84	Yes	Yes
EFD23E50S	4U tubes	120	23	90	1,420	10,000	>58	<79	-22	5,000	88	Yes	Yes

## Gen IV Collection Specifications cont'd

Model No.	Dimensions A (in.)	Dimensions B (in.)	Weight (lbs.)	Case Qty.
EFA14E28	2-3/8	4-3/4	0.23	10
EFA14E50	2-3/8	4-3/4	0.23	10
EFD14E28	1-11/16	4-7/16	0.17	10
EFD14E50	1-11/16	4-7/16	0.17	10
EFA19E28	2-9/16	5-9/16	0.29	10
EFA19E50	2-9/16	5-9/16	0.29	10
EFD19E28S	1-31/32	5-1/8	0.20	10
EFD19E50S	1-31/32	5-1/8	0.20	10
EFA23E28S	2-9/16	5-7/8	0.30	10
EFA23E50S	2-9/16	5-7/8	0.30	10
EFD23E28S	1-31/32	5-15/32	0.21	10
EFD23E50S	1-31/32	5-15/32	0.21	10



## See How Much Money You can Save with a Panasonic CFL

**Cost of Light Bulbs:**

Incandescent Bulb  cost/bulb X 10 # of bulbs needed for 10,000\* hours =  **fig. 1**

**Cost of Light Bulbs:**

Equivalent Compact Fluorescent Lamp  cost/bulb X 1 # of bulbs needed for 10,000\* hours =  **fig. 3**

**Cost for Electricity:**

wattage of bulb\*\* X (  10000\* /  1000 ) /  watts/kwh X  cost/kwh\*\*\* =  **fig. 2**

**Cost for Electricity:**

wattage of bulb\*\* X (  10000\* /  1000 ) /  watts/kwh X  cost/kwh\*\*\* =  **fig. 4**

Savings Calculation

-=

Total Incandescent Cost
Total CFL Cost
Total Savings

Fig. 1 + Fig. 2
Fig. 3 + Fig. 4

\* Rated lamp life varies among CFLs. Please see product charts for details.

\*\* For accurate results, a comparable incandescent bulb and CFL must be used. Please see our product charts for the equivalent incandescent wattages for our CFLs.

\*\*\* If you don't know the exact cost that you pay, the national average cost of electricity is about \$0.10/kwh.