



GE Lighting
Compact Fluorescent Lamps

outstanding energy efficiencies ...
just add imagination.



GE compact fluorescent lamps offer efficient lighting options for most incandescent sockets.

GE's compact fluorescent lamps bring all the advantages of fluorescent lighting to incandescent sockets. With a variety of wattages, shapes and sizes, they'll fit in applications where incandescent bulbs currently exist or would be considered.

The featured advantages:

- **Outstanding energy efficiencies**—over 70% energy cost savings vs. incandescent lamps.
- **Long life.** Anywhere from 6,000 hours to 15,000 hours rated life. Up to 20 times longer than incandescent bulbs replaced.
- **Screw-in base, self-ballasted**—fits standard incandescent sockets.
- **Warm, pleasing incandescent-like color** (2700K). Other color temperatures available on some products.
- **Excellent color rendering**—rare earth phosphors provide bright, vibrant colors. Excellent CRI of ≥ 82 .
- **Flicker-free instant start**—starts in less than one second.
- **Reliable starting to as low as -10°F (-23°C).**
- **GE quality and reliability throughout.**



As an Energy Star partner, GE has determined that most CFL lamps offered by GE meet the Energy Star guidelines for energy efficiency.



Energy savings with GE's 42 Watt Spiral® CFL.

Below is a chart showing projected energy savings using GE's 42 watt Spiral® CFL versus a 150 watt incandescent lamp, based on energy rate:

Electricity Cost Savings*

Kilowatt Hour Rate	\$0.06	\$0.08	\$0.10	\$0.12
Savings with 42 Watt Spiral®	\$65	\$86	\$108	\$130

*cost savings calculated over the 10,000 hour rated life of the 42 Watt Spiral® CFL.

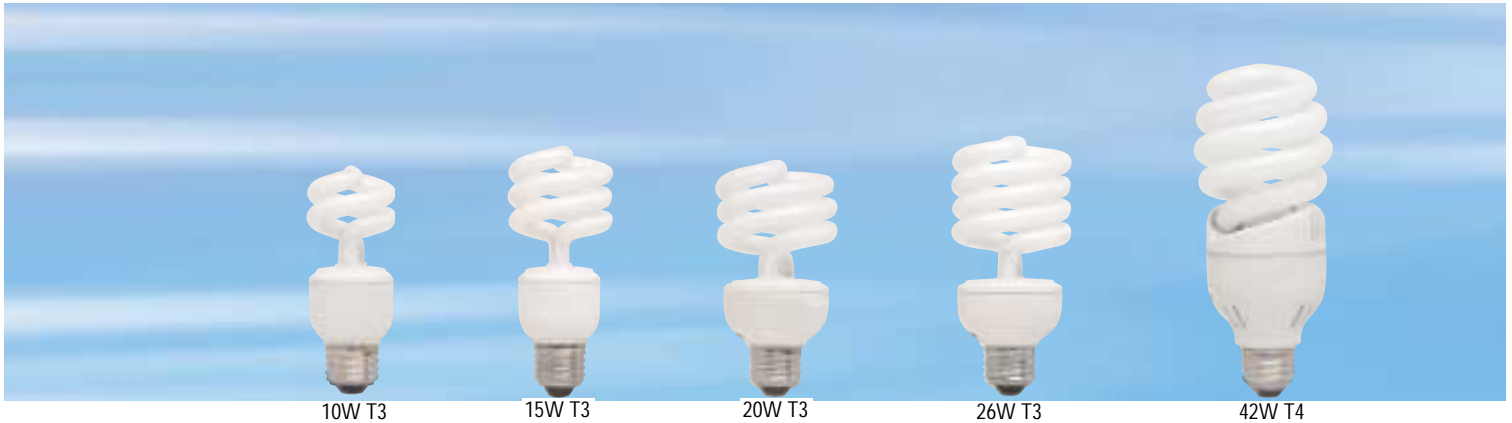
***A typical customer paying \$0.10 per KWH
could expect to save \$108
over the life of the compact fluorescent lamp!***



Note: This brochure does not showcase all screw-in compact fluorescent lamps offered by GE. Please see our on-line catalog at www.gelighting.com for a full listing.

Long Life Spiral® lamps

High lumen output with great energy savings too!



Wattage Replaced	Incandescent Lamp Replaced	Compact Fluorescent Replacement			Rated Watts	Rated Watts Saved	Rated Life (hours)	Life vs. Incandescent	Estimated Energy Savings*	Initial Lumens	Lumens vs. Incandescent
		Description	Product Code	Product Features							
40	Soft White A-line	FLE10HT3/2/827	15829	T3 Spiral; reduced size; instant start	10	30	8,000	8X	\$ 24	520	106%
60	Soft White A-line	FLE15HT3/2/827	15831	T3 Spiral; reduced size; instant start	15	45	8,000	8x	\$ 36	950	113%
75	Soft White A-line	FLE20HT3/2/827	15834	T3 Spiral; reduced size; instant start	20	55	8,000	10x	\$ 44	1200	103%
100	Soft White A-line	FLE26HT3/2/827	15836	T3 Spiral; reduced size; instant start	26	74	8,000	10x	\$ 59	1700	101%
150	Soft White Reader	FLE42HLX/VT/827	16107	T4 Spiral; high lumen output; fits an 8.5" harp; instant start	42	108	10,000	13x	\$108	2650	100%

* Energy savings based on CFL lamp rated life at 10 cents per KWH.

- New T3 Mini Spirals are reduced size and longer life than previous Spiral lamps.
 - Up to 1" shorter length than previous Spiral lamps.
 - 33% longer life at 8,000 hours.
- New 42 Watt Spiral is the first one-piece CFL to provide true 150 watt equivalent light output that fits a standard 8.5" harp!
- All Spiral lamps are listed on the Energy Star® website.
- High performance with flicker-free instant-on.



Super Long Life Biax™ lamps

Big energy savings with the longest life.



Wattage Replaced	Incandescent Lamp Replaced	Compact Fluorescent Replacement			Watts	Rated Watts Saved	Rated Life (hours)	Life vs. Incandescent	Estimated Energy Savings*	Initial Lumens	Lumens vs. Incandescent
		Description	Product Code	Product Features							
40	Soft White A-line	FLE12TT3/827	TBD	T3 Triple Biax; longest life; small size <i>Available Q3 2003</i>	12	28	15,000	15X	\$ 42	600	122%
60	Soft White A-line	FLE15TBX/L/SPX27	12544	T4 Triple Biax; long life	15	45	12,000	12x	\$ 54	900	107%
60	Soft White A-line	FLE15TT3/827	12004	T3 Triple Biax; longest life; small size	15	45	15,000	15x	\$ 68	900	107%
75	Soft White A-line	FLE20TBX/L/SPX27	12545	T4 Triple Biax; long life	20	55	12,000	16x	\$ 66	1200	103%
75	Soft White A-line	FLE20TT3/827	TBD	T3 Triple Biax; longest life; small size <i>Available Q3 2003</i>	20	55	15,000	20X	\$ 83	1200	103%
90	A-line Watt-Miser	FLE 24TBX/A/827	46269	T4 Triple Biax; long life	24	66	12,000	16x	\$ 79	1520	104%
100	Soft White A-line	FLE28QBX/A/827	46270	T4 Quadruple Biax; long life	28	72	12,000	16x	\$ 86	1750	104%
30/100	Soft White 3-Way	FLE29QBX/D3/827	41327	3-way lamp; T4 Quadruple Biax; long life	12/18/29	18/52/71	10,000	7x	\$ 71	1750	135%
100	Soft White A-line	FLE29QBX/DV/827	41457	Dimmable; T4 Quadruple Biax; long life	29	71	10,000	13x	\$ 71	1750	104%

- Super Long Life Biax lamps extend energy savings out to as much as 15,000 hours.
- New T3 Triple Biax lamps provide the same great lumen output in a smaller size with the longest life ratings available.
- 29 watt Quadruple Biax available in both 3-way and dimmable options...extending the applications for compact fluorescent lamps.
- Amalgam technology allows for consistent light output in a variety of applications and a wide temperature range
- All Super Long Life Biax lamps are listed on the Energy Star® website.



Reflectors

New designs provide improved aesthetics with energy savings!



Wattage Replaced	Incandescent Lamp Replaced	Compact Fluorescent Replacement			Rated Watts	Rated Watts Saved	Rated Life (hours)	Life vs. Incandescent	Estimated Energy Savings*	Initial Lumens	Lumens vs. Incandescent
		Description	Product Code	Product Features							
50	Soft White R20	FLE11/R20	TBD	R20 Glass Reflector for diffuse downlighting; Available Q3 2003	11	39	10,000	5X	\$ 39	380	100%
50	Reflector R30	FLE15/A2/R30	49917	R30 Glass Reflector for diffuse downlighting	15	35	10,000	5x	\$ 35	550	105%
65	Indoor Flood R30	FLE15/2/A2/DV/R30	TBD	Dimmable R30 Glass reflector Available Q4 2003	15	50	TBD			700	97%
65	Indoor Flood R30	EL23/R25/SW	25418	Genura®; longest life CFL reflector 2700K	23	42	15,000	8x	\$ 63	1100	150%
65	Indoor Flood R30	EL23/R25/WW	12273	Genura®; longest life CFL reflector 3000K	23	42	15,000	8x	\$ 63	1100	150%
90	Indoor Flood R40	FLE23/A4/R40	15382	R40 Glass reflector for diffuse downlighting	23	67	10,000	5x	\$ 67	950	90%
90	Indoor Flood R40	FLE26/2/A4/DV/R40	TBD	Dimmable R40 Glass reflector Available Q4 2003	26	64	TBD			1200	114%

- All new reflectors feature soft light for diffuse downlighting in an attractive glass reflector design.
- Improved smaller size makes these compact reflectors perfect for retrofitting incandescent sockets.
- New dimming reflectors will provide high quality dimming performance in an all glass reflector shape.
- Genura reflectors offer the longest rated life and high lumen performance utilizing an electrodeless design.



Decorative Shapes

Providing more compact fluorescent lighting options for decorative applications.



Wattage Replaced	Incandescent Lamp Replaced	Compact Fluorescent Replacement			Watts	Rated Watts Saved	Rated Life (hours)	Life vs. Incandescent	Estimated Energy Savings*	Initial Lumens	Lumens vs. Incandescent
		Description	Product Code	Product Features							
15	Blunt tip candle	FLE5/2/CAC/827	16098	Candle shape; candelabra base	5	10	6,000	3X	\$ 6	200	100%
15	Blunt tip candle	FLE5/2/CAM/827	16099	Candle shape; medium base	5	10	6,000	3X	\$ 6	200	100%
25	Blunt tip candle	FLE7/2/CAC/827	16103	Candle shape; candelabra base	7	18	6,000	3X	\$ 11	370	100%
25	Blunt tip candle	FLE7/2/CAM/827	16104	Candle shape; medium base	7	18	6,000	3X	\$ 11	370	100%
40	Blunt tip candle	FLE9/2/CAC/827	16105	Candle shape; candelabra base	9	31	6,000	3X	\$ 19	430	100%
40	Blunt tip candle	FLE9/2/CAM/827	16106	Candle shape; medium base	9	31	6,000	3X	\$ 19	430	100%
40	Soft White A-line	FLE12/A19/827	TBD	T3 A-line; reduced size, extra life <i>Available Q3 2003</i>	12	28	10,000	10X	\$ 28	550	112%
60	G30 White	FLE15TBX/L/G29	12501	Globe shape; extended life	15	45	12,000	5x	\$ 45	750	112%
60	G30 White	FLE15/A3/G30	41546	Globe shape; reduced overall length <i>Available Q3 2003</i>	15	45	10,000	4x	\$ 45	750	112%
60	Soft White A-line	FLE 15/A19/827	12010	T3 A-line shape; reduce size, extra life	15	45	10,000	10x	\$ 45	815	97%
60	Soft White A-line	FLE15/A2/A23/827	41455	T4 A-line shape	15	45	6,000	6x	\$ 27	825	98%
60	Soft White A-line	FLE15/L/TC16/827	41464	Post light for outdoor fixture use	15	45	12,000	12x	\$ 54	850	101%
75	Soft White A-line	FLE20/A2/A24/827	41455	T4 A-line shape	20	55	6,000	8x	\$ 33	1125	96%

- GE offers a wide variety of shapes to expand the application of compact fluorescent lamps.
- New candle shaped CFL's are available in both medium and candelabra base.
- Familiar A-line shape is offered in several wattages and in both T3 and T4 formats.
- All medium based decorative shape CFL's are listed on the Energy Star® website.



Lamps with Adapters

Great lumen output with long lasting adapters!



20W Circlite

30W Circlite

21W 2D

38W 2D

Wattage Replaced	Incandescent Lamp Replaced	Compact Fluorescent Replacement			System Watts	Rated Watts Saved	Rated Life (hours)	Life vs. Incandescent	Estimated Energy Savings*	Initial Lumens	Lumens vs. Incandescent
		Description	Product Code	Product Features							
75	Soft White A-line	FEA20CIR/827/B	41950	Circlite	21	54	10,000**	13X	\$ 54	1300	111%
75	Soft White A-line	FEA212D/827/B	25805	2D	22	53	10,000**	13X	\$ 53	1300	111%
100	Soft White A-line	FEA30CIR/827/B	41645	Circlite	31	69	10,000**	13x	\$ 69	1900	112%
150	Soft White A-line	FEA382D/827/B	25807	2D	39	111	10,000**	13x	\$111	2780	100%
150	Soft White A-line	FEA382D/835/B	25808	2D	39	111	10,000**	13x	\$111	2780	100%
50/150	Soft White 3-Way	FEA382D/3W/827/B	25809	3-Way 2D	39	124	10,000**	7x	\$124	2780	129%
50/150	Soft White 3-Way	FEA382D/3W/835/B	25812	3-Way 2D	39	124	10,000**	7x	\$124	2780	129%

*Energy savings based on CFL rated life at 10 cents per KWH.

**Adapter rated at 40,000 hours life.

- Lamp with adapter options provide a screw-in ballast adapter rated at 40,000 hours paired with a lamp rated at 10,000 hours.
- 2D and Circlite designs provide bright light all around any fixture.
- Great efficacy!
- Replacement lamps available from GE.



imagination at work

