GE
Lighting



Self-Ballasted Compact Fluorescent Lamps are the optimal replacement to meet legislated requirements for energy saving.

GE Self-Ballasted Compact Fluorescent Lamps

A world of choices in an energy-efficient, long-life lamp

imagination at work

Self-Ballasted Compact Fluorescent Lamps: More choices,more possibilities.

Screw in a GE Self-Ballasted Compact Fluorescent Lamp and forget about it. Years later, it will still be producing even, flicker-free, high-quality light, while steadily keeping operating costs low.



There's Strength in Numbers.

GE produces self-ballasted CFLs in so many shapes, sizes, wattages and color temperatures for one simple reason: to better serve our customers.

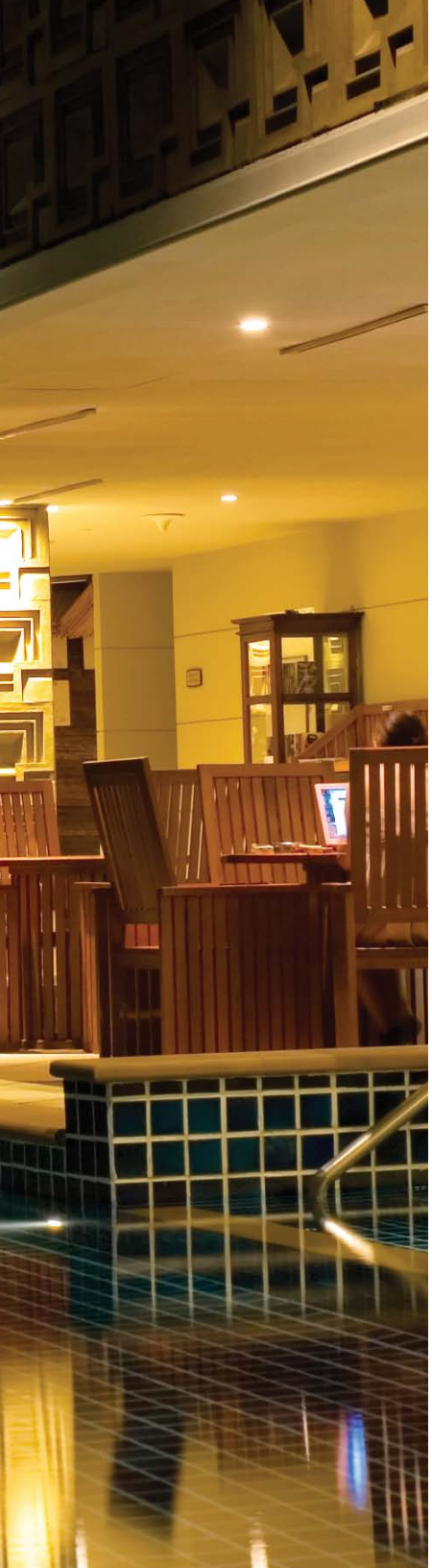
GE's premium self-ballasted CFLs include the following categories:

Spiral®	Compact T2s for small fixtures, dimmable T3s, and 3-way T3s and T4s
Dimming	Products that dim from full light to 5%
GU 24	Twist-and-lock plug-in with an integrated ballast
Reflectors	R20, dimmable R30 and R40, and PAR38 flat lens
Decorative	Candles, globes, bullets, A-lines, post lights and bug lights

Advantages

- **Energy savings:** As much as 75% over traditional lighting. Simply switching one 100-watt incandescent lamp to a 26-watt CFL lamp can save as much as $65.*
- **Long life:** 6,000 to 15,000 hours
- **Color Quality:** High CRI and available in Reveal®
- **Versatility:** Broad range of shapes, wattages, and color temperatures
- **Exceptional Performance:** Flicker-free starts in temperatures as low as 10° F
- **Reduced maintenance:** Stretch your replacement schedule from several times a year to once every few years.

* Electricity cost savings based on using the lamp for 8,000 hr rated life at 11¢ per kilowatt hour compared to ten 100-watt Soft White incandescent lamps (rated life 750 hrs).



The New Standard for Self-Ballasted CFLs

GE's technical expertise, reputation for quality, and long-standing commitment to innovation going back 100 years provides the foundation for a number of breakthroughs in CFL technology.

- **Improved dimming:** GE dimmable CFLs now dim from full light down to 5%. That's a 75% improvement compared to previous dimming to 20%.
- **Warm-up:** GE Lighting's Spiral CFL lamps are typically characterized by warm-up times of 30 seconds or less. Covered CFLs can take up to 180 seconds, however GE's new Hybrid glass covered with Halogen is Bright from the Start™ and reaches 60% lumens immediately.
- **Mercury content:** GE Lighting's CFL lamps contain a minimal level of mercury, with some of the most recent designs as low as 1.0mg versus the maximum 5.0mg allowed by Energy Star for lamps less than 25 watts.

There's Always More to Come

GE is constantly looking for opportunities to improve their existing line of self-ballasted CFLs and to introduce new lamps:

- **Reveal® CFLs:** The clean, beautiful light® you expect from Reveal®, with the long life and energy savings you expect from a GE CFL.
- **Hybrid Halogen-CFL:** GE inserted a halogen capsule in the CFL to produce a covered incandescent-shaped lamp that is Bright from the Start™ with outstanding energy efficiency and long life.



Legislative Action

Existing and new legislation is affecting the industry. We realize that new legislation means new mandates and GE is dedicated to helping you understand these imperatives and offer energy saving alternatives. GE has created an informative web resource to explain the new regulations, complete with a tool that can help you choose the appropriate energy-saving, compliant replacements.

Visit www.gelighting.com/legislation



Reveal® lighting



Soft White lighting



Hybrid halogen CFL

Property Managers Choose CFLs to Curb Energy Use

For property managers, the volume of fixtures in the standard office building is a detail well worth their attention. Self-ballasted CFLs can dramatically cut energy costs, while freeing maintenance staff for other projects. And with dimmable CFLs available for special uses like conference rooms, tenants have all the flexibility of traditional lamps plus the satisfaction of using an energy-efficient, environmentally preferable alternative.

The Cost of Light Illustration (on right) reveals that replacing just the recessed lamps with dimming CFLs in the 20 conference rooms in a typical 10-story office building generates savings of $8,138 a year.

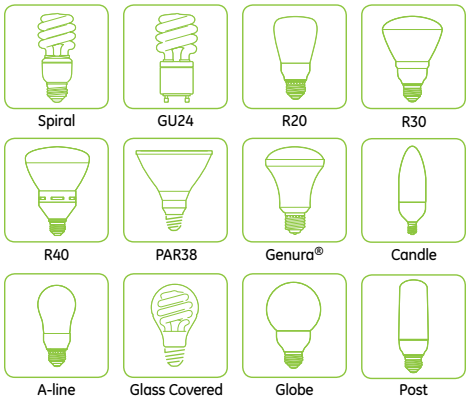
Benefits of a project like this:

- ***Less than a 4-month payback***
- 357% ROI
- The equivalent of taking 314 lbs. of sulfur dioxide — a contributor to acid rain — out of the air per year

Conference Room Recessed Lamp– Cost of Light Illustration

Lamp Type	20331 65W R30 65R/FL/MI	21709 15W - CFL R30 Dimming FLE15/2/DV/R30
Lamp Life	2,000	8,000
End User Lamp Price	$3.49	$9.19
Wattage @ 120V	65	15
Lumens	755	700
Annual Operating Hours	2600	2600
Labor $ Per Lamp, Relamp Only	$3.00	$3.00
Average Electric Rate	$0.110	$0.110
Total Number of Lamps	400	400
Lamp Costs	$1,815	$1,195
Labor Costs	$1,560	$390
Electricity Costs	$7,436	$1,716
HVAC Savings– HVAC Coefficient	0.33	$629
Total Annual Operating Cost	$10,810	$2,672
Annual Savings		**$8,138**
Simple Payback		**0.3**
Return on Investment		**357%**
ecomagination		
Annual kWh's	67,600	15,600
kWh's Reduction		**(52,000)**
kWh's Reduction %		**-76.9%**
Carbon Dioxide– Global Warming: CO_2 Reduction (lbs)		**(72,384)**
Sulfur Dioxide– Acid Rain: SO_2 Reduction (lbs)		**(314)**
Nitrogen Oxide– Smog: NO Reduction (lbs)		**(154)**
Equivalent number acres of trees planted per year		**(7)**
Equivalent number of cars removed from the road per year		**(4)**





Lamp Selection Guide– Property Management Application

Lamp Description	Spiral				GU24	covRguard®	Reflector					Decorative				
	T2	T3	T4	3-Way			R20	R30	R40	PAR38	Genura®	Candle	A-line	Glass Covered	Globe	Post/Bullet Shape
Interior																
Conference Rooms							●R	☼R	☼R	●	●					
Table Top/ Desk Lighting	●	☼R		●R	●	●							●	●R		
Downlighting							●R	☼R	☼R	●	●					
Corridor	●	●R	●		●	●	●R	●R	●R	●	●	●	●		●	
Task	●	☼R	☼		●	●	●R	☼R	☼R	●						
Exterior																
Entryway	●	●R	●		●	●	●R	●R	●R	●	●					
Pathway										●						●
Security										●						●

☼ Dimmable lamp available R Reveal® lamp available

Retailers Sell with CFLs

Drama. Excitement. Allure.
Retail lighting is literally designed to put products in their best light, but because displays can't be moved easily, replacing down and track lighting can be difficult. That's why long-lasting, self-ballasted CFLs are a great choice. Retailers can choose CFLs in the color temperature that best complements the shopping experience—and enjoy the outstanding energy savings they provide.

In a hundred-store chain with 315 fixtures per store, swapping out PAR38 halogen lamps in the recessed lighting for PAR38 CFLs yields an annual savings of $10,401 per store. Multiply that by 100 stores, and you have almost a million dollars in savings, which all goes to the bottom line.

Benefits of a project like this:

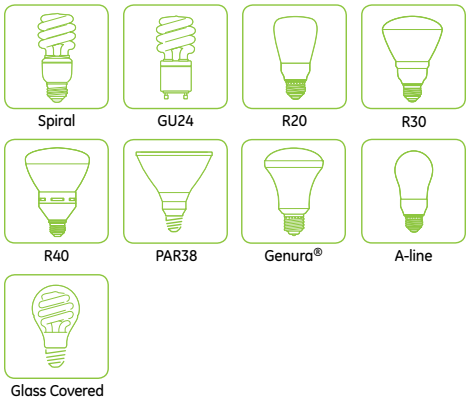
- *Less than a 2-month payback*
- 1196% ROI
- The equivalent of removing 674 cars per year from the road

(See the Cost of Light Illustration to the right).

Retail PAR38 Recessed Lamp– Cost of Light Illustration

Lamp Type	13308 90W-PAR38-Halogen 90PAR/H/FL25-130V	61227 24W - CFL PAR38 FLE24/3/PAR38FL
Lamp Life	5,000	10,000
End User Lamp Price	$5.99	$8.75
Wattage @ 120V	79	24
Lumens	1000	1185
Annual Operating Hours	4500	4500
Labor $ Per Lamp, Relamp Only	$3.00	$3.00
Average Electric Rate	$0.110	$0.110
Total Number of Lamps	31,500	31,500
Lamp Costs	$169,817	$124,031
Labor Costs	$85,050	$42,525
Electricity Costs	$1,231,808	$374,220
HVAC Savings– HVAC Coefficient	0.33	$94,240
Total Annual Operating Cost	$1,486,674	$446,536
Annual Savings		**$1,040,138**
Annual Savings per Store		**$10,401**
Simple Payback		**0.1**
Return on Investment		**1196%**
ecomagination		
Annual kWh's	11,198,250	3,402,000
kWh's Reduction		**(7,796,250)**
kWh's Reduction %		**-69.6%**
Carbon Dioxide– Global Warming: CO_2 Reduction (lbs)		**(10,852,380)**
Sulfur Dioxide– Acid Rain: SO_2 Reduction (lbs)		**(47,119)**
Nitrogen Oxide– Smog: NO Reduction (lbs)		**(23,131)**
Equivalent number acres of trees planted per year		**(1,063)**
Equivalent number of cars removed from the road per year		**(674)**





Lamp Selection Guide– Retail Application

Lamp Description	Spiral				GU24	covRguard®	Reflector					Decorative				
	T2	T3	T4	3-Way			R20	R30	R40	PAR38	Genura®	Candle	A-line	Glass Covered	Globe	Post/Bullet Shape
Interior																
Track							R	☼R								
Downlighting								☼R	☼R	●	●					
Table Top/ Desk Lighting	●	☼R		●R	●	●							●	●R		

☼ Dimmable lamp available R Reveal® lamp available

Hotels Turn to CFLs to Ensure Guest Satisfaction

Guest satisfaction is a key driver of profitability in the hospitality industry— and CFLs can play an important role in creating a favorable impression. CFLs are energy-efficient, long-lasting, have great quality of light and are environmentally preferable. In the lobby, corridors, and guest rooms, well-functioning lighting powerfully conveys the message that the property is clean and well maintained. And given the number of fixtures and table lamps in a typical hotel, savings from self-ballasted CFLs can be substantial.

Consider a hotel operator with 10 large, airport properties of 350 guest rooms each. Just converting four guest room lamps from incandescent to CFLs produces an annual saving of $83,055.

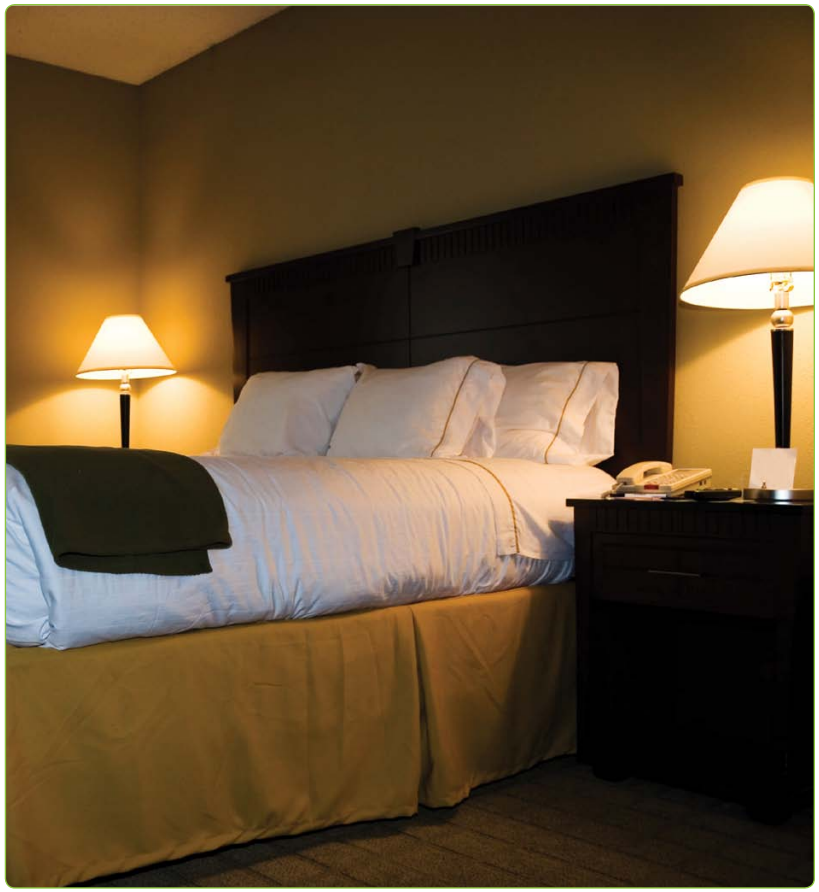
Benefits of a project like this:

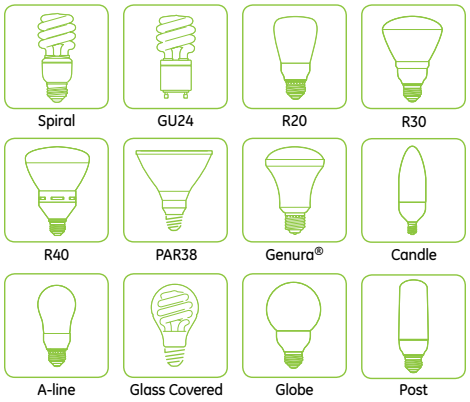
- *Only a 5-month payback*
- 237% ROI
- Equivalent to planting 89 acres of trees every year

(See the Cost of Light Illustration to the right).

Guest Room Table Lamp– Cost of Light Illustration

Lamp Type	41034 100W A-line 100A/W 120V	80890 26W - CFL Spiral FLE26HT3/2/XL827
Lamp Life	750 hrs	12,000 hrs
End User Lamp Price	$0.49	$2.99
Wattage @ 120V	100	26
Lumens	1690	1700
Annual Operating Hours	628.53	628.53
Labor $ Per Lamp, Relamp Only	$0.00	$0.00
Average Electric Rate	$0.110	$0.110
Total Number of Lamps	14,000	14,000
Lamp Costs	$5,749	$2,193
Labor Costs	$0	$0
Electricity Costs	$96,794	$25,166
HVAC Savings– HVAC Coefficient	0.33	$7,871
Total Annual Operating Cost	$102,542	$19,488
Annual Savings		**$83,055**
Annual Savings per Hotel		**$8,305**
Simple Payback		**0.4**
Return on Investment		**237%**
ecomagination		
Annual kWh's	879,942	228,785
kWh's Reduction		**(651,157)**
kWh's Reduction %		**-74.0%**
Carbon Dioxide– Global Warming: CO_2 Reduction (lbs)		**(906,411)**
Sulfur Dioxide– Acid Rain: SO_2 Reduction (lbs)		**(3,935)**
Nitrogen Oxide– Smog: NO Reduction (lbs)		**(1,932)**
Equivalent number acres of trees planted per year		**(89)**
Equivalent number of cars removed from the road per year		**(56)**





Lamp Selection Guide– Hotel Application

Lamp Description	Spiral				GU24	covRguard®	Reflector					Decorative				
	T2	T3	T4	3-Way			R20	R30	R40	PAR38	Genura®	Candle	A-line	Glass Covered	Globe	Post/Bullet Shape
Interior																
Bathroom								●R	●R			●	●	●R	●	
Wall sconce	●	●R	●		●	●						●	●			
Corridor	●	●R	●		●	●	●R	●R	●R	●	●	●	●		●	
Ceiling/Decorative							●R	☼R	☼R	●	●	●	●	●R	●	
Guest rooms	●	●R	●	●R	●	●							●	●R		
Exterior																
Entryway	●	●R	●		●	●	●R	●R	●R	●	●					
Pathway										●						●
Security										●						●

☼ Dimmable lamp available R Reveal® lamp available

CFLs Create the Right Ambiance for Restaurants

The secret of a successful restaurant is creating a mood— and CFLs are a cost-efficient way to achieve this. Pendants and downlights lit with dimmable CFLs create an intimate atmosphere in even the largest of rooms. And because they are so long lasting, restaurants can avoid time-consuming maintenance and keep replacement costs to a minimum.

These savings add up quickly.
A company with a modest chain of 20 restaurants could save over $34,000 by replacing incandescent lamps in its pendants with CFLs.

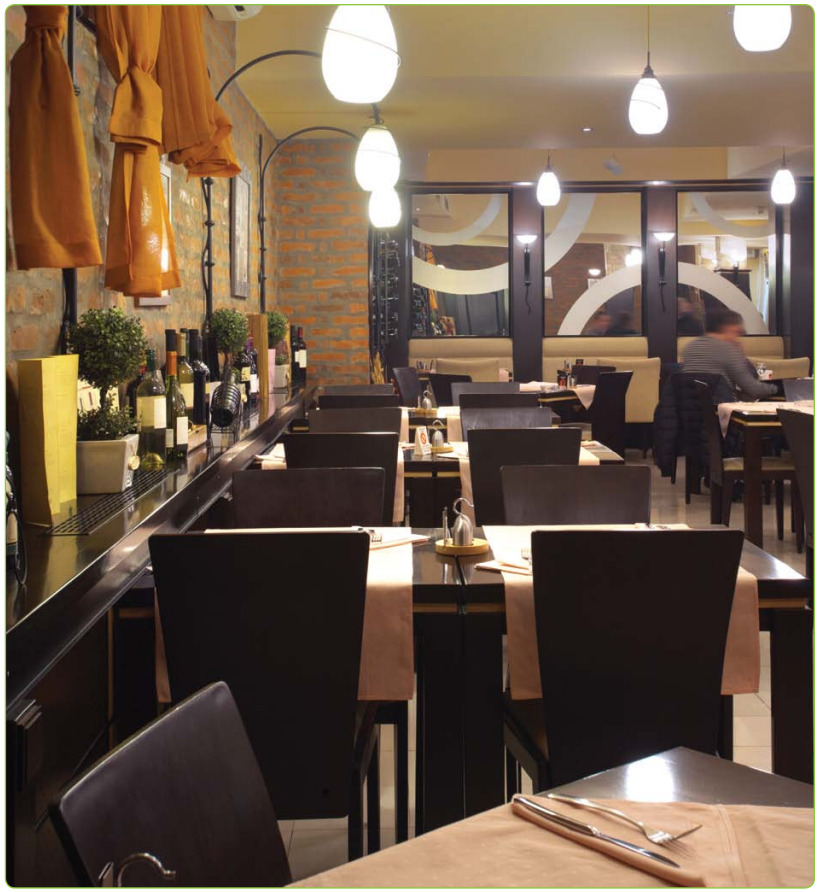
Benefits of a project like this:

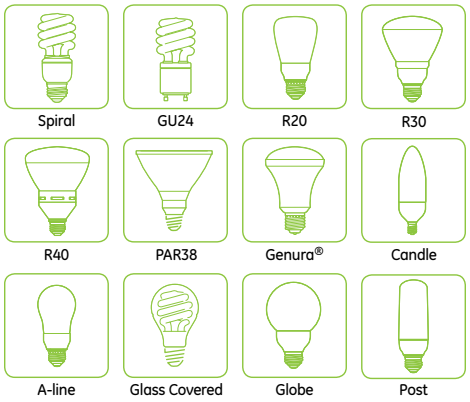
- *A little more than a 1-month payback*
- 766% ROI
- Reducing carbon dioxide emissions by 274,363 lbs. per year.

(See the Cost of Light Illustration to the right).

Pendant Lamp– Cost of Light Illustration

Lamp Type	14848 60W G25 60G25/W	89633 15W CFL G25 FLE15/2/G25XL
Lamp Life	1,500	10,000
End User Lamp Price	$1.99	$6.49
Wattage @ 120V	60	15
Lumens		825
Annual Operating Hours	4380	4380
Labor $ Per Lamp, Relamp Only	$3.00	$3.00
Average Electric Rate	$0.110	$0.110
Total Number of Lamps	1,000	1,000
Lamp Costs	$5,811	$2,843
Labor Costs	$8,760	$1,314
Electricity Costs	$28,908	$7,227
HVAC Savings– HVAC Coefficient	0.33	$2,383
Total Annual Operating Cost	$43,478	$9,001
Annual Savings		**$34,477**
Annual Savings per Restaurant		**$1,724**
Simple Payback		**0.1**
Return on Investment		**766%**
ecomagination		
Annual kWh's	262,800	65,700
kWh's Reduction		**(197,100)**
kWh's Reduction %		**-75.0%**
Carbon Dioxide– Global Warming: CO_2 Reduction (lbs)		**(274,363)**
Sulfur Dioxide– Acid Rain: SO_2 Reduction (lbs)		**(1,191)**
Nitrogen Oxide– Smog: NO Reduction (lbs)		**(585)**
Equivalent number acres of trees planted per year		**(27)**
Equivalent number of cars removed from the road per year		**(17)**





Lamp Selection Guide– Restaurant Application

Lamp Description	Spiral				GU24	covRguard®	Reflector					Decorative				
	T2	T3	T4	3-Way			R20	R30	R40	PAR38	Genura®	Candle	A-line	Glass Covered	Globe	Post/Bullet Shape
Interior																
Pendant	●	☼ R					● R	☼ R	☼ R				●		●	
Ceiling/Decorative							● R	☼ R	☼ R	●	●	●	●	● R	●	
Downlighting							● R	☼ R	☼ R	●	●					
Exterior																
Entryway	●	● R	●		●	●	● R	● R	● R	●	●					
Pathway										●						●
Security										●						●

☼ Dimmable lamp available R Reveal® lamp available

It's Your Choice

GE Lighting has one of the most extensive ranges of self-ballasted compact fluorescent lamps available.

	Hybrid Halogen	Spiral®			GU24		
							
Lamp Description		**T2**	**T3**	**T4/T5**		**R20**	**R30**
Rated Life (hours)	8000	12000	8000 - 12000	6000 - 12000	10000	10000	6000 - 15000
Wattage Replacement for	60-75W	40-100W	40-100W	150-200W	40-100W	50W	65W
Wattages	15W	10W	10W	29W	10W	11W	15W
	20W	13W	13W	32W	15W		
		15W	15W	42W	20W		
		20W	20W	55W	26W		
		26W	23W				
			26W				
3-Way			12/23/29W	12/23/29W			
			13/19/26W				
			16/25/32W				
Dimmable Versions			Yes				Yes
Additional Color Temps	2700	2700	2700	2700	2700	2700	2700
	Reveal®	6500	4100			6500	6500
			5000			Reveal®	Reveal®
			6500				
			Reveal®				
Additional Options			Colors			Glass Reflector	Glass Reflector
			CovRguard®				

Reflector			Decorative					
								
R40	**PAR38**	**Genura®**	**Candle**	**A-line**	**Glass Covered**	**Globe**	**Post**	**Bullet Shape**
6000 - 10000	6000 - 10000	15000	6000 - 10000	8000 - 10000	8000	10000	6000 - 10000	10000
90W	90W	65W	25-60W	40-100W	40-75	40-60W	40-60W	40-60W
26W	24W	24W	5W	9W	9W	11W	11W	11W
	26W		7W	10W	15W	15W	14W	14W
			9W	11W	20W			
				15W				
				20W				
Yes								
2700	2700	2700	2700	2700	2700	2700	2700	2700
6500	3000	3000	6500	6500	Reveal®	6500	Bug Light	
Reveal®						Reveal®		
Glass Reflector	Flat Lens		Medium Base	Medium Base				
			Candelabra Base	Candelabra Base				

Self-Ballasted CFL Product Selection Guide

Base	Watts	Nominal Length (in)	Order Code	Description	Rated Life (hrs)	Initial Lumens	Color Temp K	CRI	Power Factor	THD	Energy Star®	Additional Information
Hybrid Halogen												
Med	15	4.4	64159	FLE15HBSWBX2-TP	8000	800	2700	82	0.5	150		Glass Covered®, A-Line, w/Halogen, 2-pack, Boxed
	20	5.3	64161	FLE20HBSWBX2-TP	8000	1100	2700	82	0.5	150		Glass Covered®, A-Line, w/Halogen, 2-pack, Boxed
	15	4.4	64163	FLE15HBRVBX2-TP	8000	740	2500	70	0.5	150		Glass Covered®, A-Line, Reveal w/Halogen, 2-pack, Boxed
	20	5.3	64166	FLE20HBRVBX2-TP	8000	1050	2500	70	0.5	150		Glass Covered®, A-Line, Reveal w/Halogen, 2-pack, Boxed
Reveal®												
Med	9	4.4	79063	FLE9AG19/2/RVL/CD	10000	430	2500	70	0.5	150		Glass Covered®, A-Line, Reveal
	10	4.1	75405	FLE10HT3/2/RVL/CD	10000	450	2500	70	0.6	120		T3 Spiral®, Reveal
	11	4.2	61354	FLE11R20XLRVLTP	10000	340	2500	70	0.5	150		R20, Reveal, carded
	11	4.6	61353	FLEG25XLRVLTP6	10000	450	2500	70	0.5	150		G25, Reveal, carded
	13	4.1	75406	FLE13HT3/2/RVL/CD	8000	800	2500	70	0.6	120		T3 Spiral®, Reveal
	15	4.4	79064	FLE15AG19/2/RVL/CD	8000	740	2500	70	0.5	150		Glass Covered ®, A-Line, Reveal
	15	5.3	61164	FLE15R30/RVL-TP6	10000	660	2500	70	0.5	150		R30, Reveal, carded
	20	4.7	75407	FLE20HT3/2/RVL/CD	8000	1200	2500	70	0.6	120		T3 Spiral®, Reveal
	20	5.3	79065	FLE20AG21/2/RVL/CD	8000	1050	2500	70	0.5	150		Glass Covered ®, A-Line, Reveal
	26	5.2	75408	FLE26HT3/2/RVL/CD	8000	1570	2500	70	0.6	120		T3 Spiral®, Reveal
	26	6.5	61355	FLE26R40XLRVLTP6	10000	1150	2500	70	0.5	150		R40, Reveal, carded
	16/25/32	6	62908	FLE32HTD3RVL/CD	8000	600/1600/2150	2500	70	0.5	140		T3, Shorter Design, 3 Way, Reveal
Spiral®												
Med	10	4.4	15829	FLE10HT3/2/827	10000	550	2700	82	0.6	120	★	T3 Spiral®, Boxed
	10	4.4	25182	FLE10HT3/2/841	10000	550	4100	82	0.6	120	★	T3 Spiral®, Boxed
	10	4.4	80936	FLE10HT3/2/XL	12000	550	2700	82	0.6	120	★	T3 Spiral®, Boxed
	10	3.7	86241	FLE10HT2/2/827	12000	580	2700	82	0.5	120	★	T2 Spiral®, Boxed
Med	13	4.1	71763	FLE13HT3/2/6STP	8000	855	5000	82	0.6	120	★	T3 Spiral®, Tray Pack
	13	4.9	74198	FLE13HT3/2/827	8000	825	2700	82	0.6	120	★	T3 Spiral®, Boxed
	13	3.9	86256	FLE13HT2/2/827	12000	870	2700	82	0.5	120	★	T2 Spiral®, Boxed
	13	3.9	62949	FLE13HT2/12H/DCD	12000	870	6500	82	0.5	120	★	T2 Spiral®, Carded Single Pack, Daylight
Med	15	4.8	15831	FLE15HT3/2/827	10000	950	2700	82	0.6	145	★	T3 Spiral®, Boxed
	15	4.8	25183	FLE15HT3/2/841	10000	950	4100	82	0.6	145	★	T3 Spiral®, Boxed
	15	4.8	80937	FLE15HT3/2/XL/SW	12000	950	2700	82	0.6	145	★	T3 Spiral®, Boxed
	15	3.8	86271	FLE15HT2/2/827	12000	950	2700	82	0.5	120	★	T2 Spiral®, Boxed
	15	4.8	64801	FLE15HT3/2SX/827	15000	900	2700	82	0.5	150		T3 15,000 hours life
	15	5.2	89619	FLE15HT3/2/DV	10000	900	2700	82	0.6	120	★	Dimming, Boxed
Med	20	4.7	15834	FLE20HT3/2/827	10000	1250	2700	82	0.6	135	★	T3 Spiral®, Boxed
	20	4.7	25186	FLE20HT3/2/841	10000	1250	4100	82	0.6	135	★	T3 Spiral®, Boxed
	20	4.8	80888	FLE20HT3/2/XL827	12000	1300	2700	82	0.6	135	★	T3 Spiral®, Boxed
	20	4.7	64802	FLE20HT3/2SX/827	15000	1200	2700	82	0.5	150		T3 15,000 hours life
	20	4.7	71764	FLE20HT3/2/6S/TP	8000	1235	5000	82	0.6	120	★	T3 Spiral®, Tray Pack
	20	5.0	89094	FLE20HT3/2/D/CD	8000	1150	6500	82	0.6	135	★	Carded Single Pack
	20	4.8	47466	FLE20HT3/2/XL/D	12000	1250	6500	82	0.6	135	★	T3 Spiral®, Carded Single Pack, Daylight
	20	4.5	62951	FLE20HT2/12H/DCD	12000	1190	6500	82	.06	120		T2 Spiral®, Carded Single Pack, Daylight
Med	23	5.1	80889	FLE23HT3/2/XL827	12000	1600	2700	82	0.6	135	★	T3 Spiral®, Boxed
Med	26	5.2	89095	FLE26HT3/2/D/CD	8000	1600	6500	82	0.6	120	★	Carded Single Pack
	26	5.2	15836	FLE26HT3/2/827	10000	1750	2700	82	0.6	120	★	T3 Spiral®, Boxed
	26	5.2	71765	FLE26HT3/2/6STP	8000	1660	5000	82	0.6	120	★	T3 Spiral®, Tray Pack
	26	5.2	25195	FLE26HT3/2/841	10000	1700	4100	82	0.6	120	★	T3 Spiral®, Boxed
	26	5.1	80890	FLE26HT3/2/XL827	12000	1700	2700	82	0.6	120	★	T3 Spiral®, Boxed
	26	5.2	64803	FLE26HT3/2SX/827	12000	1750	2700	82	0.5	150		T3 12,000 hours life
	26	5.8	89621	FLE26HT3/2/DV	10000	1700	2700	82	0.6	120	★	Dimming, Boxed
	26	4.8	72881	FLE26HT2/2/XL/CD	12000	1650	2700	82	0.6	120	★	T2 Spiral®, Carded
	26	4.8	62952	FLE26HT2/12H/DCD	12000	1650	6500	82	0.6	120	★	T2 Spiral®, Carded Single Pack, Daylight

(Continued on next page)

Base	Watts	Nominal Length (in)	Order Code	Description	Rated Life (hrs)	Initial Lumens	Color Temp K	CRI	Power Factor	THD	Energy Star®	Additional Information
Spiral® (continued)												
Med	29	6.3	81514	FLE29HLX/2XL/827	12000	2200	2700	82	0.6	170	★	T4 Spiral®, Boxed
Med	42	6.9	80891	FLE42HLX/2/XL827	12000	2700	2700	82	0.6	170	★	T4 Spiral®, Boxed
Med	55	8.4	78965	FLE55HT5/2/SW/BX	8000	3860	2700	82	0.6	140	★	T5, Boxed
3-Way												
Med	12/23/29	6.7	81515	FLE29HLX/2D3/827	10000	600/1600/2150	2700	82	0.6	170		T4 Spiral®, Boxed, 3-Way
	12/23/29	6.7	25720	FLE32HLX/D3/827	6000	600/1600/2200	2700	82	0.6	170		T4 Spiral®, 3-way, Soft White
Med	13/19/26	5.7	77123	FLE26HT3/2D/3BX	10000	600/1150/1750	2700	82	0.6	140	★	T3 Spiral®, Boxed, 3-way
Med	16/25/32	6	78952	FLE32HT3/2D3/BX	8000	600/1600/2150	2700	82	0.5	140	★	T3, Shorter Design, 3 Way, Boxed
	16/25/32	6	62070	FLE32HT3/2D3CWBX	8000	600/1600/2150	4100	82	0.5	140	★	T3, Shorter Design, 3 Way, Boxed
GU 24												
Med	10	3.5	76135	FLE10HT3/2GU24CD	10000	550	2700	80	0.6	120	★	T3 GU 24 Base, Carded
	15	3.9	75367	FLE15HT3/2GU24CD	10000	900	2700	80	0.6	120	★	T3 GU 24 Base, Carded
	20	4.1	76136	FLE20HT3/2GU24CD	10000	1200	2700	80	0.6	120	★	T3 GU 24 Base, Carded
	26	4.6	76137	FLE26HT3/2GU24CD	10000	1750	2700	80	0.6	120	★	T3 GU 24 Base, Carded
Reflectors												
Med	11	4.2	78948	FLE11/2/R20/D/CD	10000	370	6500	82	0.6	140	★	R20, Daylight, Carded
	11	4.7	80892	FLE11/2/R20XL827	10000	400	2700	82	0.6	120	★	Soft White, R20 Glass Reflector, Boxed
Med	15	5.3	78950	FLE15/2/R30/D/CD	10000	650	6500	82	0.6	140	★	R30, Daylight, Carded
	15	5.4	20708	FLE15/2/R30/SWCD	8000	700	2700	82	0.6	120	★	Soft White, R30 Glass Reflector, Carded Single Pack
	15	5.3	80893	FLE15/2/R30XL827	10000	750	2700	82	0.6	120	★	Soft White, R30 Glass Reflector, Boxed
	15	5.6	21709	FLE15/2/DV/R30	6000	740	2700	82	0.6	170	★	Dimming, Soft White, R30 Glass Reflector, Boxed
Med	26	5.3	21738	FLE26/2/R40/SWCD	6000	1300	2700	82	0.6	120	★	Soft White, R40 Glass Reflector, Carded Single Pack
	26	5.3	80894	FLE26/2/R40XL827	10000	1300	2700	82	0.6	120	★	Soft White, R40 Glass Reflector, Boxed
Med	26	6.8	21716	FLE26/2/DV/R40	6000	1260	2700	82	0.6	170	★	Dimming, Soft White, R40 Glass Reflector, Boxed
	26	5.5	21739	FLE26/2/PAR38/CD	6000	1200	2700	82	0.6	120	★	Soft White, Par 38 Glass Reflector, Carded Single Pack
	26	5.5	80895	FLE26/2/PAR38/XL	10000	1300	2700	82	0.6	120	★	Soft White, Par 38 Glass Reflector, Boxed, Wet Rated
Med	24	5.4	61227	FLE24/2/PAR38FL	10000	1185	2700	82	0.6	150	★	Flat Lens PAR38
Genura®												
Med	23	4.9	25418	EL23/R25/SW	15000	1100	2700	82	0.6	130		Genura® Electrodeless Design, Soft White
	23	4.9	12273	EL23/R25/WW	15000	1100	3000	82	0.6	130		Genura® Electrodeless Design, RE 830 Phosphor, Warm White
Decorative Shapes												
Cand	5	4.8	16098	FLE5/2/CAC/827	6000	200	2700	82	0.6	145		Candle Shape, Candelabra Base, Boxed
Med	5	4.8	16099	FLE5/2/CAM/827	6000	200	2700	82	0.6	145		Candle Shape, Medium Base, Boxed
Cand	7	5.2	16103	FLE7/2/CAC/827	6000	370	2700	82	0.6	130		Candle Shape, Candelabra Base, Boxed
Cand	9	5.4	16105	FLE9/2/CAC/827	6000	430	2700	82	0.6	125	★	Candle Shape, Candelabra Base, Boxed
Med	9	5.4	47488	FLE9/2/CAM/XL/CD	10000	430	2700	82	0.6	125	★	Candle Shape, Medium Base, Carded Single Pack
	9	5.4	16106	FLE9/2/CAM/827	6000	430	2700	82	0.6	125	★	Candle Shape, Medium Base, Boxed
	9	4.4	74436	FLE9AG19/2/SWCD	8000	450	2700	82	0.5	150	★	Glass Covered®, A-Line, Carded
Med	10	4.2	89622	FLE11/2/A19XL	10000	500	2700	82	0.6	130	★	A-Line Shape, Boxed
Cand	11	4.4	78937	FLE11/2/A17CB/CD	10000	505	2700	82	0.6	140	★	A-Line Shape, Candelabra Base, Carded
	11	4.4	78941	FLE11/2A17CBD/CD	10000	460	6500	82	0.6	140	★	A- Line Shape, Candelabra Base, Carded, Daylight
Med	11	4.3	78939	FLE11/2/A17/D/CD	10000	460	6500	82	0.6	140	★	A- Line Shape, Med Base, Carded, Daylight
	11	4.4	47486	FLE11/2/A17XL/CD	10000	500	2700	82	0.6	120	★	A-Line Shape, Carded Single Pack
	11	4.6	89629	FLE11/2/G25XL	10000	500	2700	82	0.6	130	★	Globe Shape, Boxed
	11	4.6	78946	FLE11/2/G25/D/CD	10000	450	6500	82	0.6	130	★	Globe Shape, Daylight Carded
	11	4.1	89631	FLE11/2/T14XL	10000	500	2700	82	0.6		★	Bullet Shape, Boxed
	11	5.2	49894	FLE11/2TC14SWCD	6000	520	2700	82	0.6	150		Post Light, Carded Single Pack
	11	5.2	49895	FLE11/2TC14BUGCD	6000	520	2700	82	0.6	150		Bug Yellow Post Light, Carded Single Pack
Cand	13	4.3	75368	FLE13HT2/2CAND2P	8000	850	2700	82	0.6	120	★	

(Continued on next page)

Base	Watts	Nominal Length (in)	Order Code	Description	Rated Life (hrs)	Initial Lumens	Color Temp K	CRI	Power Factor	THD	Energy Star®	Additional Information
Decorative Shapes (continued)												
Med	14	5	85384	FLE14/2/TC16SWCD	10000	750	2700	82	0.5	150	★	Bullet Shape, Carded Single Pack
	14	5	47464	FLE14/2/TC16/BUG	10000	750	2700	82	0.5	150		Bug Yellow Post Light, Carded Single Pack
Med	15	4.4	74437	FLE15AG19/2/SWCD	8000	800	2700	82	0.5	150		Glass Covered®, A-Line, Carded
	15	4.6	89632	FLE15/2/A19XL	10000	825	2700	82	0.6	120	★	A-Line Shape, Boxed
	15	4.8	47487	FLE15/2/A21XL/CD	10000	825	2700	82	0.6	120	★	A-Line Shape, Carded Single Pack
Med	15	4.6	89633	FLE15/2/G25XL	10000	825	2700	82	0.5	150	★	Globe Shape, Boxed
Med	20	5.3	74438	FLE20AG21/2/SWCD	8000	1100	2700	82	0.5	150	★	Glass Covered®, A-Line, Carded
	20	5.4	89635	FLE20/2/T19XL	10000	1100	2700	82	0.6	130	★	Bullet Shape, Boxed
	20	5.7	89634	FLE20/2/A19XL	10000	1100	2700	82	0.6	130	★	A-Line Shape, Boxed
Med	26	6	89636	FLE26/2/T21XL	10000	1350	2700	82	0.6	130		Bullet Shape, Boxed
Specialty												
covRguard® Spiral®												
Med	15	5.3	78961	FLE15HT3/2/827/CVG	8000	920	2700	82	0.6	120	★	Shatter Resistant Coating
	20	5.3	78962	FLE20HT3/2/827/CVG	8000	1260	2700	82	0.6	120	★	Shatter Resistant Coating
	26	5.7	78963	FLE26HT3/2/827/CVG	8000	1700	2700	82	0.6	120	★	Shatter Resistant Coating
Colored Spiral®												
Med	13	4.9	78955	FLE13HT3/2/GREEN	8000	NA	NA	NA	0.6	120		T3, Green, Boxed
	13	4.9	78956	FLE13HT3/2/RED	8000	NA	NA	NA	0.6	120		T3, Red, Boxed
	13	4.9	78957	FLE13HT3/2/BL	8000	NA	NA	NA	0.6	120		T3, Blacklight, Boxed
	13	4.9	78958	FLE13HT3/2/ORANGE	8000	NA	NA	NA	0.6	120		T3, Orange, Boxed
	13	4.9	78959	FLE13HT3/2/YELLOW	8000	NA	NA	NA	0.6	120		T3, Yellow, Boxed
	13	4.9	78960	FLE13HT3/2/BLUE	8000	NA	NA	NA	0.6	120		T3, Blue, Boxed

Go to www.gelighting.com for added information and Caution Notices.

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GE
Lighting



Self-Ballasted Compact Fluorescent Lamps are the optimal replacement to meet legislated requirements for energy saving.

GE Self-Ballasted Compact Fluorescent Lamps

A world of choices in an energy-efficient, long-life lamp

imagination at work

Self-Ballasted Compact Fluorescent Lamps: More choices,more possibilities.

Screw in a GE Self-Ballasted Compact Fluorescent Lamp and forget about it. Years later, it will still be producing even, flicker-free, high-quality light, while steadily keeping operating costs low.



There's Strength in Numbers.

GE produces self-ballasted CFLs in so many shapes, sizes, wattages and color temperatures for one simple reason: to better serve our customers.

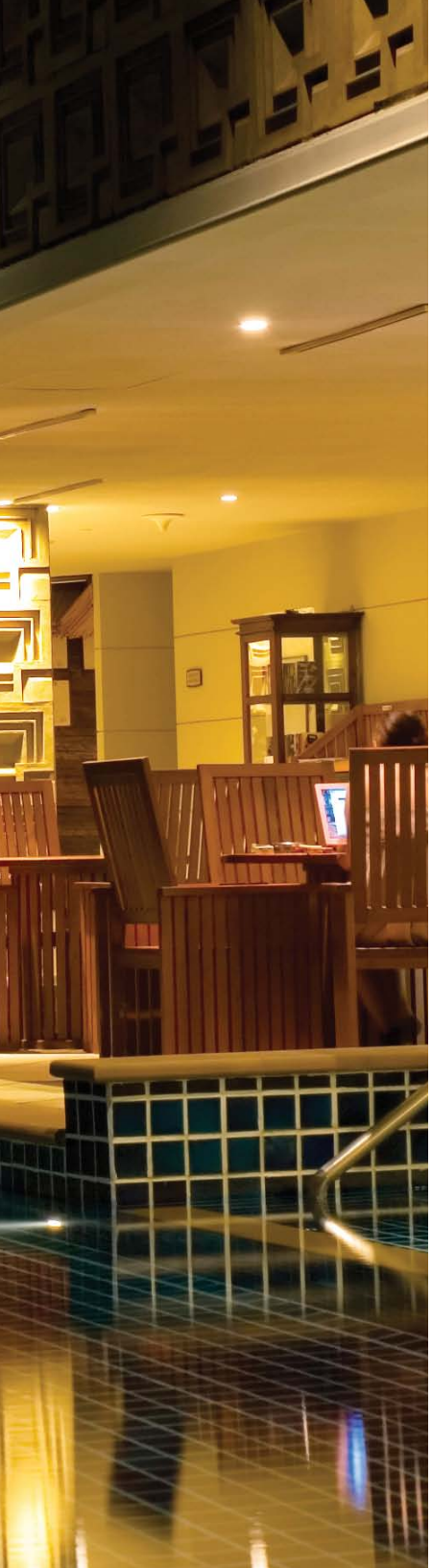
GE's premium self-ballasted CFLs include the following categories:

Spiral®	Compact T2s for small fixtures, dimmable T3s, and 3-way T3s and T4s
Dimming	Products that dim from full light to 5%
GU 24	Twist-and-lock plug-in with an integrated ballast
Reflectors	R20, dimmable R30 and R40, and PAR38 flat lens
Decorative	Candles, globes, bullets, A-lines, post lights and bug lights

Advantages

- **Energy savings:** As much as 75% over traditional lighting. Simply switching one 100-watt incandescent lamp to a 26-watt CFL lamp can save as much as $65.*
- **Long life:** 6,000 to 15,000 hours
- **Color Quality:** High CRI and available in Reveal®
- **Versatility:** Broad range of shapes, wattages, and color temperatures
- **Exceptional Performance:** Flicker-free starts in temperatures as low as 10° F
- **Reduced maintenance:** Stretch your replacement schedule from several times a year to once every few years.

* Electricity cost savings based on using the lamp for 8,000 hr rated life at 11¢ per kilowatt hour compared to ten 100-watt Soft White incandescent lamps (rated life 750 hrs).



The New Standard for Self-Ballasted CFLs

GE's technical expertise, reputation for quality, and long-standing commitment to innovation going back 100 years provides the foundation for a number of breakthroughs in CFL technology.

- **Improved dimming:** GE dimmable CFLs now dim from full light down to 5%. That's a 75% improvement compared to previous dimming to 20%.
- **Warm-up:** GE Lighting's Spiral CFL lamps are typically characterized by warm-up times of 30 seconds or less. Covered CFLs can take up to 180 seconds, however GE's new Hybrid glass covered with Halogen is Bright from the Start™ and reaches 60% lumens immediately.
- **Mercury content:** GE Lighting's CFL lamps contain a minimal level of mercury, with some of the most recent designs as low as 1.0mg versus the maximum 5.0mg allowed by Energy Star for lamps less than 25 watts.

There's Always More to Come

GE is constantly looking for opportunities to improve their existing line of self-ballasted CFLs and to introduce new lamps:

- **Reveal® CFLs:** The clean, beautiful light® you expect from Reveal®, with the long life and energy savings you expect from a GE CFL.
- **Hybrid Halogen-CFL:** GE inserted a halogen capsule in the CFL to produce a covered incandescent-shaped lamp that is Bright from the Start™ with outstanding energy efficiency and long life.



Legislative Action

Existing and new legislation is affecting the industry. We realize that new legislation means new mandates and GE is dedicated to helping you understand these imperatives and offer energy saving alternatives. GE has created an informative web resource to explain the new regulations, complete with a tool that can help you choose the appropriate energy-saving, compliant replacements.

Visit www.gelighting.com/legislation



Reveal® lighting



Soft White lighting



Hybrid halogen CFL

Property Managers Choose CFLs to Curb Energy Use

For property managers, the volume of fixtures in the standard office building is a detail well worth their attention. Self-ballasted CFLs can dramatically cut energy costs, while freeing maintenance staff for other projects. And with dimmable CFLs available for special uses like conference rooms, tenants have all the flexibility of traditional lamps plus the satisfaction of using an energy-efficient, environmentally preferable alternative.

The Cost of Light Illustration (on right) reveals that replacing just the recessed lamps with dimming CFLs in the 20 conference rooms in a typical 10-story office building generates savings of $8,138 a year.

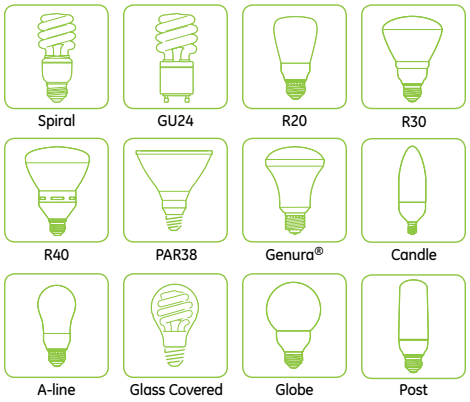
Benefits of a project like this:

- ***Less than a 4-month payback***
- 357% ROI
- The equivalent of taking 314 lbs. of sulfur dioxide — a contributor to acid rain — out of the air per year

Conference Room Recessed Lamp– Cost of Light Illustration

Lamp Type	20331 65W R30 65R/FL/MI	21709 15W - CFL R30 Dimming FLE15/2/DV/R30
Lamp Life	2,000	8,000
End User Lamp Price	$3.49	$9.19
Wattage @ 120V	65	15
Lumens	755	700
Annual Operating Hours	2600	2600
Labor $ Per Lamp, Relamp Only	$3.00	$3.00
Average Electric Rate	$0.110	$0.110
Total Number of Lamps	400	400
Lamp Costs	$1,815	$1,195
Labor Costs	$1,560	$390
Electricity Costs	$7,436	$1,716
HVAC Savings– HVAC Coefficient	0.33	$629
Total Annual Operating Cost	$10,810	$2,672
Annual Savings		**$8,138**
Simple Payback		**0.3**
Return on Investment		**357%**
ecomagination		
Annual kWh's	67,600	15,600
kWh's Reduction		**(52,000)**
kWh's Reduction %		**-76.9%**
Carbon Dioxide– Global Warming: CO_2 Reduction (lbs)		**(72,384)**
Sulfur Dioxide– Acid Rain: SO_2 Reduction (lbs)		**(314)**
Nitrogen Oxide– Smog: NO Reduction (lbs)		**(154)**
Equivalent number acres of trees planted per year		**(7)**
Equivalent number of cars removed from the road per year		**(4)**





Lamp Selection Guide– Property Management Application

Lamp Description	Spiral				GU24	covRguard®	Reflector					Decorative				
	T2	T3	T4	3-Way			R20	R30	R40	PAR38	Genura®	Candle	A-line	Glass Covered	Globe	Post/Bullet Shape
Interior																
Conference Rooms							●R	☼R	☼R	●	●					
Table Top/ Desk Lighting	●	☼R		●R	●	●							●	●R		
Downlighting							●R	☼R	☼R	●	●					
Corridor	●	●R	●		●	●	●R	●R	●R	●	●	●	●		●	
Task	●	☼R	☼		●	●	●R	☼R	☼R	●						
Exterior																
Entryway	●	●R	●		●	●	●R	●R	●R	●	●					
Pathway										●						●
Security										●						●

☼ Dimmable lamp available R Reveal® lamp available

Retailers Sell with CFLs

Drama. Excitement. Allure.
Retail lighting is literally designed to put products in their best light, but because displays can't be moved easily, replacing down and track lighting can be difficult. That's why long-lasting, self-ballasted CFLs are a great choice. Retailers can choose CFLs in the color temperature that best complements the shopping experience—and enjoy the outstanding energy savings they provide.

In a hundred-store chain with 315 fixtures per store, swapping out PAR38 halogen lamps in the recessed lighting for PAR38 CFLs yields an annual savings of $10,401 per store. Multiply that by 100 stores, and you have almost a million dollars in savings, which all goes to the bottom line.

Benefits of a project like this:

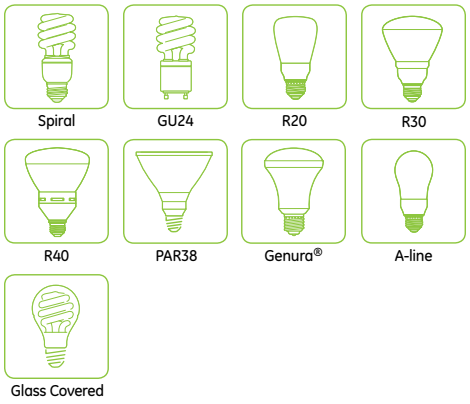
- *Less than a 2-month payback*
- 1196% ROI
- The equivalent of removing 674 cars per year from the road

(See the Cost of Light Illustration to the right).

Retail PAR38 Recessed Lamp– Cost of Light Illustration

Lamp Type	13308 90W-PAR38-Halogen 90PAR/H/FL25-130V	61227 24W - CFL PAR38 FLE24/3/PAR38FL
Lamp Life	5,000	10,000
End User Lamp Price	$5.99	$8.75
Wattage @ 120V	79	24
Lumens	1000	1185
Annual Operating Hours	4500	4500
Labor $ Per Lamp, Relamp Only	$3.00	$3.00
Average Electric Rate	$0.110	$0.110
Total Number of Lamps	31,500	31,500
Lamp Costs	$169,817	$124,031
Labor Costs	$85,050	$42,525
Electricity Costs	$1,231,808	$374,220
HVAC Savings– HVAC Coefficient	0.33	$94,240
Total Annual Operating Cost	$1,486,674	$446,536
Annual Savings		**$1,040,138**
Annual Savings per Store		**$10,401**
Simple Payback		**0.1**
Return on Investment		**1196%**
ecomagination		
Annual kWh's	11,198,250	3,402,000
kWh's Reduction		**(7,796,250)**
kWh's Reduction %		**-69.6%**
Carbon Dioxide– Global Warming: CO_2 Reduction (lbs)		**(10,852,380)**
Sulfur Dioxide– Acid Rain: SO_2 Reduction (lbs)		**(47,119)**
Nitrogen Oxide– Smog: NO Reduction (lbs)		**(23,131)**
Equivalent number acres of trees planted per year		**(1,063)**
Equivalent number of cars removed from the road per year		**(674)**





Lamp Selection Guide– Retail Application

Lamp Description	Spiral				GU24	covRguard®	Reflector					Decorative				
	T2	T3	T4	3-Way			R20	R30	R40	PAR38	Genura®	Candle	A-line	Glass Covered	Globe	Post/Bullet Shape
Interior																
Track							R	☼R								
Downlighting								☼R	☼R	●	●					
Table Top/ Desk Lighting	●	☼R		●R	●	●							●	●R		

☼ Dimmable lamp available R Reveal® lamp available

Hotels Turn to CFLs to Ensure Guest Satisfaction

Guest satisfaction is a key driver of profitability in the hospitality industry— and CFLs can play an important role in creating a favorable impression. CFLs are energy-efficient, long-lasting, have great quality of light and are environmentally preferable. In the lobby, corridors, and guest rooms, well-functioning lighting powerfully conveys the message that the property is clean and well maintained. And given the number of fixtures and table lamps in a typical hotel, savings from self-ballasted CFLs can be substantial.

Consider a hotel operator with 10 large, airport properties of 350 guest rooms each. Just converting four guest room lamps from incandescent to CFLs produces an annual saving of $83,055.

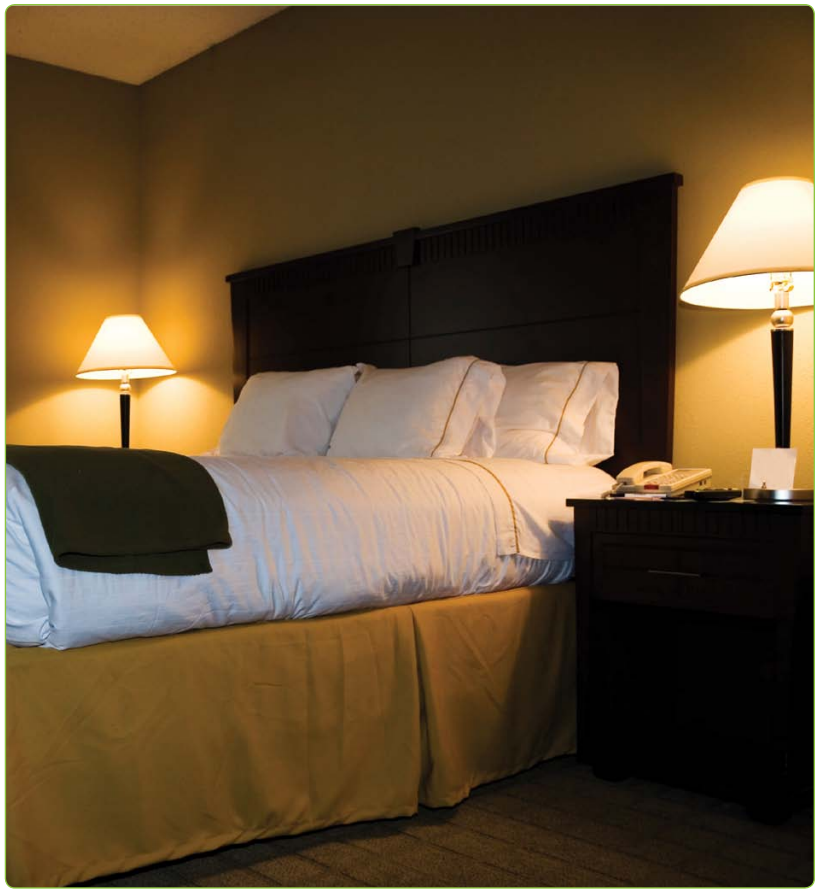
Benefits of a project like this:

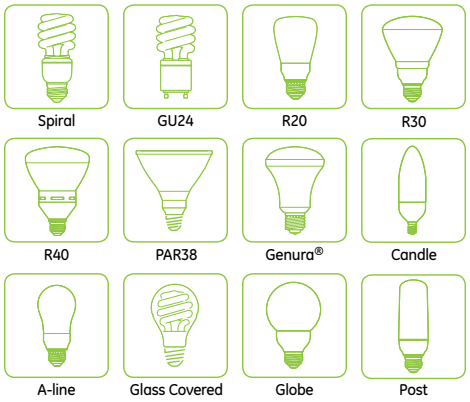
- *Only a 5-month payback*
- 237% ROI
- Equivalent to planting 89 acres of trees every year

(See the Cost of Light Illustration to the right).

Guest Room Table Lamp– Cost of Light Illustration

Lamp Type	41034 100W A-line 100A/W 120V	80890 26W - CFL Spiral FLE26HT3/2/XL827
Lamp Life	750 hrs	12,000 hrs
End User Lamp Price	$0.49	$2.99
Wattage @ 120V	100	26
Lumens	1690	1700
Annual Operating Hours	628.53	628.53
Labor $ Per Lamp, Relamp Only	$0.00	$0.00
Average Electric Rate	$0.110	$0.110
Total Number of Lamps	14,000	14,000
Lamp Costs	$5,749	$2,193
Labor Costs	$0	$0
Electricity Costs	$96,794	$25,166
HVAC Savings– HVAC Coefficient	0.33	$7,871
Total Annual Operating Cost	$102,542	$19,488
Annual Savings		**$83,055**
Annual Savings per Hotel		**$8,305**
Simple Payback		**0.4**
Return on Investment		**237%**
ecomagination		
Annual kWh's	879,942	228,785
kWh's Reduction		**(651,157)**
kWh's Reduction %		**-74.0%**
Carbon Dioxide– Global Warming: CO_2 Reduction (lbs)		**(906,411)**
Sulfur Dioxide– Acid Rain: SO_2 Reduction (lbs)		**(3,935)**
Nitrogen Oxide– Smog: NO Reduction (lbs)		**(1,932)**
Equivalent number acres of trees planted per year		**(89)**
Equivalent number of cars removed from the road per year		**(56)**





Lamp Selection Guide– Hotel Application

Lamp Description	Spiral				GU24	covRguard®	Reflector					Decorative				
	T2	T3	T4	3-Way			R20	R30	R40	PAR38	Genura®	Candle	A-line	Glass Covered	Globe	Post/Bullet Shape
Interior																
Bathroom								●R	●R			●	●	●R	●	
Wall sconce	●	●R	●		●	●						●	●			
Corridor	●	●R	●		●	●	●R	●R	●R	●	●	●	●		●	
Ceiling/Decorative							●R	☼R	☼R	●	●	●	●	●R	●	
Guest rooms	●	●R	●	●R	●	●							●	●R		
Exterior																
Entryway	●	●R	●		●	●	●R	●R	●R	●	●					
Pathway										●						●
Security										●						●

☼ Dimmable lamp available R Reveal® lamp available

CFLs Create the Right Ambiance for Restaurants

The secret of a successful restaurant is creating a mood— and CFLs are a cost-efficient way to achieve this. Pendants and downlights lit with dimmable CFLs create an intimate atmosphere in even the largest of rooms. And because they are so long lasting, restaurants can avoid time-consuming maintenance and keep replacement costs to a minimum.

These savings add up quickly.
A company with a modest chain of 20 restaurants could save over $34,000 by replacing incandescent lamps in its pendants with CFLs.

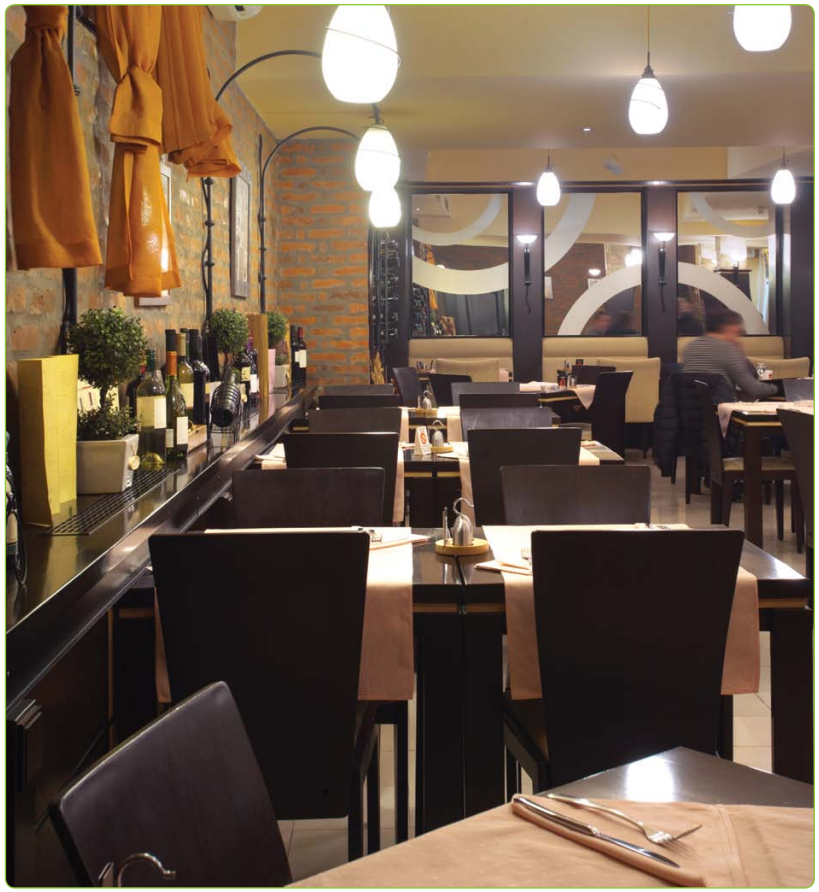
Benefits of a project like this:

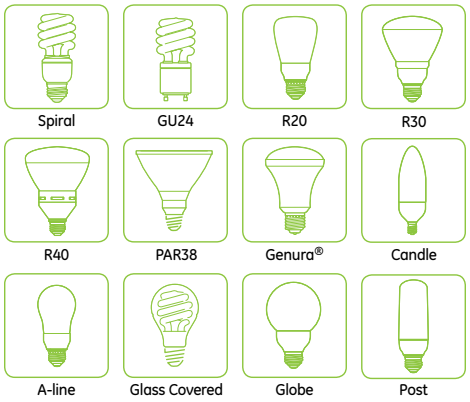
- *A little more than a 1-month payback*
- 766% ROI
- Reducing carbon dioxide emissions by 274,363 lbs. per year.

(See the Cost of Light Illustration to the right).

Pendant Lamp– Cost of Light Illustration

Lamp Type	14848 60W G25 60G25/W	89633 15W CFL G25 FLE15/2/G25XL
Lamp Life	1,500	10,000
End User Lamp Price	$1.99	$6.49
Wattage @ 120V	60	15
Lumens		825
Annual Operating Hours	4380	4380
Labor $ Per Lamp, Relamp Only	$3.00	$3.00
Average Electric Rate	$0.110	$0.110
Total Number of Lamps	1,000	1,000
Lamp Costs	$5,811	$2,843
Labor Costs	$8,760	$1,314
Electricity Costs	$28,908	$7,227
HVAC Savings– HVAC Coefficient	0.33	$2,383
Total Annual Operating Cost	$43,478	$9,001
Annual Savings		**$34,477**
Annual Savings per Restaurant		**$1,724**
Simple Payback		**0.1**
Return on Investment		**766%**
ecomagination		
Annual kWh's	262,800	65,700
kWh's Reduction		**(197,100)**
kWh's Reduction %		**-75.0%**
Carbon Dioxide– Global Warming: CO_2 Reduction (lbs)		**(274,363)**
Sulfur Dioxide– Acid Rain: SO_2 Reduction (lbs)		**(1,191)**
Nitrogen Oxide– Smog: NO Reduction (lbs)		**(585)**
Equivalent number acres of trees planted per year		**(27)**
Equivalent number of cars removed from the road per year		**(17)**





Lamp Selection Guide– Restaurant Application

Lamp Description	Spiral				GU24	covRguard®	Reflector					Decorative				
	T2	T3	T4	3-Way			R20	R30	R40	PAR38	Genura®	Candle	A-line	Glass Covered	Globe	Post/Bullet Shape
Interior																
Pendant	●	☼ R					● R	☼ R	☼ R				●		●	
Ceiling/Decorative							● R	☼ R	☼ R	●	●	●	●	● R	●	
Downlighting							● R	☼ R	☼ R	●	●					
Exterior																
Entryway	●	● R	●		●	●	● R	● R	● R	●	●					
Pathway										●						●
Security										●						●

☼ Dimmable lamp available R Reveal® lamp available

It's Your Choice

GE Lighting has one of the most extensive ranges of self-ballasted compact fluorescent lamps available.

	Hybrid Halogen	Spiral®			GU24		
							
Lamp Description		**T2**	**T3**	**T4/T5**		**R20**	**R30**
Rated Life (hours)	8000	12000	8000 - 12000	6000 - 12000	10000	10000	6000 - 15000
Wattage Replacement for	60-75W	40-100W	40-100W	150-200W	40-100W	50W	65W
Wattages	15W	10W	10W	29W	10W	11W	15W
	20W	13W	13W	32W	15W		
		15W	15W	42W	20W		
		20W	20W	55W	26W		
		26W	23W				
			26W				
3-Way			12/23/29W	12/23/29W			
			13/19/26W				
			16/25/32W				
Dimmable Versions			Yes				Yes
Additional Color Temps	2700	2700	2700	2700	2700	2700	2700
	Reveal®	6500	4100			6500	6500
			5000			Reveal®	Reveal®
			6500				
			Reveal®				
Additional Options			Colors			Glass Reflector	Glass Reflector
			CovRguard®				

Reflector			Decorative					
								
R40	**PAR38**	**Genura®**	**Candle**	**A-line**	**Glass Covered**	**Globe**	**Post**	**Bullet Shape**
6000 - 10000	6000 - 10000	15000	6000 - 10000	8000 - 10000	8000	10000	6000 - 10000	10000
90W	90W	65W	25-60W	40-100W	40-75	40-60W	40-60W	40-60W
26W	24W	24W	5W	9W	9W	11W	11W	11W
	26W		7W	10W	15W	15W	14W	14W
			9W	11W	20W			
				15W				
				20W				
Yes								
2700	2700	2700	2700	2700	2700	2700	2700	2700
6500	3000	3000	6500	6500	Reveal®	6500	Bug Light	
Reveal®						Reveal®		
Glass Reflector	Flat Lens		Medium Base	Medium Base				
			Candelabra Base	Candelabra Base				

Self-Ballasted CFL Product Selection Guide

Base	Watts	Nominal Length (in)	Order Code	Description	Rated Life (hrs)	Initial Lumens	Color Temp K	CRI	Power Factor	THD	Energy Star®	Additional Information
Hybrid Halogen												
Med	15	4.4	64159	FLE15HBSWBX2-TP	8000	800	2700	82	0.5	150		Glass Covered®, A-Line, w/Halogen, 2-pack, Boxed
	20	5.3	64161	FLE20HBSWBX2-TP	8000	1100	2700	82	0.5	150		Glass Covered®, A-Line, w/Halogen, 2-pack, Boxed
	15	4.4	64163	FLE15HBRVBX2-TP	8000	740	2500	70	0.5	150		Glass Covered®, A-Line, Reveal w/Halogen, 2-pack, Boxed
	20	5.3	64166	FLE20HBRVBX2-TP	8000	1050	2500	70	0.5	150		Glass Covered®, A-Line, Reveal w/Halogen, 2-pack, Boxed
Reveal®												
Med	9	4.4	79063	FLE9AG19/2/RVL/CD	10000	430	2500	70	0.5	150		Glass Covered®, A-Line, Reveal
	10	4.1	75405	FLE10HT3/2/RVL/CD	10000	450	2500	70	0.6	120		T3 Spiral®, Reveal
	11	4.2	61354	FLE11R20XLRVLTP	10000	340	2500	70	0.5	150		R20, Reveal, carded
	11	4.6	61353	FLEG25XLRVLTP6	10000	450	2500	70	0.5	150		G25, Reveal, carded
	13	4.1	75406	FLE13HT3/2/RVL/CD	8000	800	2500	70	0.6	120		T3 Spiral®, Reveal
	15	4.4	79064	FLE15AG19/2/RVL/CD	8000	740	2500	70	0.5	150		Glass Covered ®, A-Line, Reveal
	15	5.3	61164	FLE15R30/RVL-TP6	10000	660	2500	70	0.5	150		R30, Reveal, carded
	20	4.7	75407	FLE20HT3/2/RVL/CD	8000	1200	2500	70	0.6	120		T3 Spiral®, Reveal
	20	5.3	79065	FLE20AG21/2/RVL/CD	8000	1050	2500	70	0.5	150		Glass Covered ®, A-Line, Reveal
	26	5.2	75408	FLE26HT3/2/RVL/CD	8000	1570	2500	70	0.6	120		T3 Spiral®, Reveal
	26	6.5	61355	FLE26R40XLRVLTP6	10000	1150	2500	70	0.5	150		R40, Reveal, carded
	16/25/32	6	62908	FLE32HTD3RVL/CD	8000	600/1600/2150	2500	70	0.5	140		T3, Shorter Design, 3 Way, Reveal
Spiral®												
Med	10	4.4	15829	FLE10HT3/2/827	10000	550	2700	82	0.6	120	★	T3 Spiral®, Boxed
	10	4.4	25182	FLE10HT3/2/841	10000	550	4100	82	0.6	120	★	T3 Spiral®, Boxed
	10	4.4	80936	FLE10HT3/2/XL	12000	550	2700	82	0.6	120	★	T3 Spiral®, Boxed
	10	3.7	86241	FLE10HT2/2/827	12000	580	2700	82	0.5	120	★	T2 Spiral®, Boxed
Med	13	4.1	71763	FLE13HT3/2/6STP	8000	855	5000	82	0.6	120	★	T3 Spiral®, Tray Pack
	13	4.9	74198	FLE13HT3/2/827	8000	825	2700	82	0.6	120	★	T3 Spiral®, Boxed
	13	3.9	86256	FLE13HT2/2/827	12000	870	2700	82	0.5	120	★	T2 Spiral®, Boxed
	13	3.9	62949	FLE13HT2/12H/DCD	12000	870	6500	82	0.5	120	★	T2 Spiral®, Carded Single Pack, Daylight
Med	15	4.8	15831	FLE15HT3/2/827	10000	950	2700	82	0.6	145	★	T3 Spiral®, Boxed
	15	4.8	25183	FLE15HT3/2/841	10000	950	4100	82	0.6	145	★	T3 Spiral®, Boxed
	15	4.8	80937	FLE15HT3/2/XL/SW	12000	950	2700	82	0.6	145	★	T3 Spiral®, Boxed
	15	3.8	86271	FLE15HT2/2/827	12000	950	2700	82	0.5	120	★	T2 Spiral®, Boxed
	15	4.8	64801	FLE15HT3/2SX/827	15000	900	2700	82	0.5	150		T3 15,000 hours life
	15	5.2	89619	FLE15HT3/2/DV	10000	900	2700	82	0.6	120	★	Dimming, Boxed
Med	20	4.7	15834	FLE20HT3/2/827	10000	1250	2700	82	0.6	135	★	T3 Spiral®, Boxed
	20	4.7	25186	FLE20HT3/2/841	10000	1250	4100	82	0.6	135	★	T3 Spiral®, Boxed
	20	4.8	80888	FLE20HT3/2/XL827	12000	1300	2700	82	0.6	135	★	T3 Spiral®, Boxed
	20	4.7	64802	FLE20HT3/2SX/827	15000	1200	2700	82	0.5	150		T3 15,000 hours life
	20	4.7	71764	FLE20HT3/2/6S/TP	8000	1235	5000	82	0.6	120	★	T3 Spiral®, Tray Pack
	20	5.0	89094	FLE20HT3/2/D/CD	8000	1150	6500	82	0.6	135	★	Carded Single Pack
	20	4.8	47466	FLE20HT3/2/XL/D	12000	1250	6500	82	0.6	135	★	T3 Spiral®, Carded Single Pack, Daylight
	20	4.5	62951	FLE20HT2/12H/DCD	12000	1190	6500	82	.06	120		T2 Spiral®, Carded Single Pack, Daylight
Med	23	5.1	80889	FLE23HT3/2/XL827	12000	1600	2700	82	0.6	135	★	T3 Spiral®, Boxed
Med	26	5.2	89095	FLE26HT3/2/D/CD	8000	1600	6500	82	0.6	120	★	Carded Single Pack
	26	5.2	15836	FLE26HT3/2/827	10000	1750	2700	82	0.6	120	★	T3 Spiral®, Boxed
	26	5.2	71765	FLE26HT3/2/6STP	8000	1660	5000	82	0.6	120	★	T3 Spiral®, Tray Pack
	26	5.2	25195	FLE26HT3/2/841	10000	1700	4100	82	0.6	120	★	T3 Spiral®, Boxed
	26	5.1	80890	FLE26HT3/2/XL827	12000	1700	2700	82	0.6	120	★	T3 Spiral®, Boxed
	26	5.2	64803	FLE26HT3/2SX/827	12000	1750	2700	82	0.5	150		T3 12,000 hours life
	26	5.8	89621	FLE26HT3/2/DV	10000	1700	2700	82	0.6	120	★	Dimming, Boxed
	26	4.8	72881	FLE26HT2/2/XL/CD	12000	1650	2700	82	0.6	120	★	T2 Spiral®, Carded
	26	4.8	62952	FLE26HT2/12H/DCD	12000	1650	6500	82	0.6	120	★	T2 Spiral®, Carded Single Pack, Daylight

(Continued on next page)

Base	Watts	Nominal Length (in)	Order Code	Description	Rated Life (hrs)	Initial Lumens	Color Temp K	CRI	Power Factor	THD	Energy Star®	Additional Information
Spiral® (continued)												
Med	29	6.3	81514	FLE29HLX/2XL/827	12000	2200	2700	82	0.6	170	★	T4 Spiral®, Boxed
Med	42	6.9	80891	FLE42HLX/2/XL827	12000	2700	2700	82	0.6	170	★	T4 Spiral®, Boxed
Med	55	8.4	78965	FLE55HT5/2/SW/BX	8000	3860	2700	82	0.6	140	★	T5, Boxed
3-Way												
Med	12/23/29	6.7	81515	FLE29HLX/2D3/827	10000	600/1600/2150	2700	82	0.6	170		T4 Spiral®, Boxed, 3-Way
	12/23/29	6.7	25720	FLE32HLX/D3/827	6000	600/1600/2200	2700	82	0.6	170		T4 Spiral®, 3-way, Soft White
Med	13/19/26	5.7	77123	FLE26HT3/2D/3BX	10000	600/1150/1750	2700	82	0.6	140	★	T3 Spiral®, Boxed, 3-way
Med	16/25/32	6	78952	FLE32HT3/2D3/BX	8000	600/1600/2150	2700	82	0.5	140	★	T3, Shorter Design, 3 Way, Boxed
	16/25/32	6	62070	FLE32HT3/2D3CWBX	8000	600/1600/2150	4100	82	0.5	140	★	T3, Shorter Design, 3 Way, Boxed
GU 24												
Med	10	3.5	76135	FLE10HT3/2GU24CD	10000	550	2700	80	0.6	120	★	T3 GU 24 Base, Carded
	15	3.9	75367	FLE15HT3/2GU24CD	10000	900	2700	80	0.6	120	★	T3 GU 24 Base, Carded
	20	4.1	76136	FLE20HT3/2GU24CD	10000	1200	2700	80	0.6	120	★	T3 GU 24 Base, Carded
	26	4.6	76137	FLE26HT3/2GU24CD	10000	1750	2700	80	0.6	120	★	T3 GU 24 Base, Carded
Reflectors												
Med	11	4.2	78948	FLE11/2/R20/D/CD	10000	370	6500	82	0.6	140	★	R20, Daylight, Carded
	11	4.7	80892	FLE11/2/R20XL827	10000	400	2700	82	0.6	120	★	Soft White, R20 Glass Reflector, Boxed
Med	15	5.3	78950	FLE15/2/R30/D/CD	10000	650	6500	82	0.6	140	★	R30, Daylight, Carded
	15	5.4	20708	FLE15/2/R30/SWCD	8000	700	2700	82	0.6	120	★	Soft White, R30 Glass Reflector, Carded Single Pack
	15	5.3	80893	FLE15/2/R30XL827	10000	750	2700	82	0.6	120	★	Soft White, R30 Glass Reflector, Boxed
	15	5.6	21709	FLE15/2/DV/R30	6000	740	2700	82	0.6	170	★	Dimming, Soft White, R30 Glass Reflector, Boxed
Med	26	5.3	21738	FLE26/2/R40/SWCD	6000	1300	2700	82	0.6	120	★	Soft White, R40 Glass Reflector, Carded Single Pack
	26	5.3	80894	FLE26/2/R40XL827	10000	1300	2700	82	0.6	120	★	Soft White, R40 Glass Reflector, Boxed
Med	26	6.8	21716	FLE26/2/DV/R40	6000	1260	2700	82	0.6	170	★	Dimming, Soft White, R40 Glass Reflector, Boxed
	26	5.5	21739	FLE26/2/PAR38/CD	6000	1200	2700	82	0.6	120	★	Soft White, Par 38 Glass Reflector, Carded Single Pack
	26	5.5	80895	FLE26/2/PAR38/XL	10000	1300	2700	82	0.6	120	★	Soft White, Par 38 Glass Reflector, Boxed, Wet Rated
Med	24	5.4	61227	FLE24/2/PAR38FL	10000	1185	2700	82	0.6	150	★	Flat Lens PAR38
Genura®												
Med	23	4.9	25418	EL23/R25/SW	15000	1100	2700	82	0.6	130		Genura® Electrodeless Design, Soft White
	23	4.9	12273	EL23/R25/WW	15000	1100	3000	82	0.6	130		Genura® Electrodeless Design, RE 830 Phosphor, Warm White
Decorative Shapes												
Cand	5	4.8	16098	FLE5/2/CAC/827	6000	200	2700	82	0.6	145		Candle Shape, Candelabra Base, Boxed
Med	5	4.8	16099	FLE5/2/CAM/827	6000	200	2700	82	0.6	145		Candle Shape, Medium Base, Boxed
Cand	7	5.2	16103	FLE7/2/CAC/827	6000	370	2700	82	0.6	130		Candle Shape, Candelabra Base, Boxed
Cand	9	5.4	16105	FLE9/2/CAC/827	6000	430	2700	82	0.6	125	★	Candle Shape, Candelabra Base, Boxed
Med	9	5.4	47488	FLE9/2/CAM/XL/CD	10000	430	2700	82	0.6	125	★	Candle Shape, Medium Base, Carded Single Pack
	9	5.4	16106	FLE9/2/CAM/827	6000	430	2700	82	0.6	125	★	Candle Shape, Medium Base, Boxed
	9	4.4	74436	FLE9AG19/2/SWCD	8000	450	2700	82	0.5	150	★	Glass Covered®, A-Line, Carded
Med	10	4.2	89622	FLE11/2/A19XL	10000	500	2700	82	0.6	130	★	A-Line Shape, Boxed
Cand	11	4.4	78937	FLE11/2/A17CB/CD	10000	505	2700	82	0.6	140	★	A-Line Shape, Candelabra Base, Carded
	11	4.4	78941	FLE11/2A17CBD/CD	10000	460	6500	82	0.6	140	★	A- Line Shape, Candelabra Base, Carded, Daylight
Med	11	4.3	78939	FLE11/2/A17/D/CD	10000	460	6500	82	0.6	140	★	A- Line Shape, Med Base, Carded, Daylight
	11	4.4	47486	FLE11/2/A17XL/CD	10000	500	2700	82	0.6	120	★	A-Line Shape, Carded Single Pack
	11	4.6	89629	FLE11/2/G25XL	10000	500	2700	82	0.6	130	★	Globe Shape, Boxed
	11	4.6	78946	FLE11/2/G25/D/CD	10000	450	6500	82	0.6	130	★	Globe Shape, Daylight Carded
	11	4.1	89631	FLE11/2/T14XL	10000	500	2700	82	0.6		★	Bullet Shape, Boxed
	11	5.2	49894	FLE11/2TC14SWCD	6000	520	2700	82	0.6	150		Post Light, Carded Single Pack
	11	5.2	49895	FLE11/2TC14BUGCD	6000	520	2700	82	0.6	150		Bug Yellow Post Light, Carded Single Pack
Cand	13	4.3	75368	FLE13HT2/2CAND2P	8000	850	2700	82	0.6	120	★	

(Continued on next page)

Base	Watts	Nominal Length (in)	Order Code	Description	Rated Life (hrs)	Initial Lumens	Color Temp K	CRI	Power Factor	THD	Energy Star®	Additional Information
Decorative Shapes (continued)												
Med	14	5	85384	FLE14/2/TC16SWCD	10000	750	2700	82	0.5	150	★	Bullet Shape, Carded Single Pack
	14	5	47464	FLE14/2/TC16/BUG	10000	750	2700	82	0.5	150		Bug Yellow Post Light, Carded Single Pack
Med	15	4.4	74437	FLE15AG19/2/SWCD	8000	800	2700	82	0.5	150		Glass Covered®, A-Line, Carded
	15	4.6	89632	FLE15/2/A19XL	10000	825	2700	82	0.6	120	★	A-Line Shape, Boxed
	15	4.8	47487	FLE15/2/A21XL/CD	10000	825	2700	82	0.6	120	★	A-Line Shape, Carded Single Pack
Med	15	4.6	89633	FLE15/2/G25XL	10000	825	2700	82	0.5	150	★	Globe Shape, Boxed
Med	20	5.3	74438	FLE20AG21/2/SWCD	8000	1100	2700	82	0.5	150	★	Glass Covered®, A-Line, Carded
	20	5.4	89635	FLE20/2/T19XL	10000	1100	2700	82	0.6	130	★	Bullet Shape, Boxed
	20	5.7	89634	FLE20/2/A19XL	10000	1100	2700	82	0.6	130	★	A-Line Shape, Boxed
Med	26	6	89636	FLE26/2/T21XL	10000	1350	2700	82	0.6	130		Bullet Shape, Boxed
Specialty												
covRguard® Spiral®												
Med	15	5.3	78961	FLE15HT3/2/827/CVG	8000	920	2700	82	0.6	120	★	Shatter Resistant Coating
	20	5.3	78962	FLE20HT3/2/827/CVG	8000	1260	2700	82	0.6	120	★	Shatter Resistant Coating
	26	5.7	78963	FLE26HT3/2/827/CVG	8000	1700	2700	82	0.6	120	★	Shatter Resistant Coating
Colored Spiral®												
Med	13	4.9	78955	FLE13HT3/2/GREEN	8000	NA	NA	NA	0.6	120		T3, Green, Boxed
	13	4.9	78956	FLE13HT3/2/RED	8000	NA	NA	NA	0.6	120		T3, Red, Boxed
	13	4.9	78957	FLE13HT3/2/BL	8000	NA	NA	NA	0.6	120		T3, Blacklight, Boxed
	13	4.9	78958	FLE13HT3/2/ORANGE	8000	NA	NA	NA	0.6	120		T3, Orange, Boxed
	13	4.9	78959	FLE13HT3/2/YELLOW	8000	NA	NA	NA	0.6	120		T3, Yellow, Boxed
	13	4.9	78960	FLE13HT3/2/BLUE	8000	NA	NA	NA	0.6	120		T3, Blue, Boxed

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imagination at work

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