

# Energy Saving CFLs

## Efficient Lighting Guide



GE imagination at work

# The Future of Lighting with Advanced CFL Technology

At GE Lighting we have long pioneered advanced lighting technologies with a knowledge and technical expertise that spans more than 100 years in lighting providing a foundation for future innovation.

Now more than ever this heritage is crucial, with demands for high quality, low energy lighting to help meet mounting legislation, environmental pressures and to combat global warming.

Compact Fluorescent Lamps (CFL) have an important role to play in the future of lighting, helping to protect the environment by using less energy and creating less CO<sub>2</sub> emissions. In addition, CFL lamps contribute to the reduction of maintenance costs, ensuring that financial benefits are enjoyed alongside environmental benefits.

There are a variety of performance advantages afforded by GE Lighting CFL lamps. They use almost 80% less energy and last fifteen times longer than their incandescent predecessors, are rated Energy Class 'A' and offer high quality light.

With continuing technological advancements and miniaturisation, today's T2 CFL lamps are even smaller than the incandescent lamps they replace to ensure that they are discreet - yet high performing.

Suitable for regular incandescent sockets and available in a variety of wattages, shapes and sizes, CFL lamps from GE Lighting are the ideal solution for various lighting needs such as homes, offices, hotels as well as industrial applications.

GE Lighting consistently creates high quality, reliable lighting solutions to improve industry standards and meet demand for performance and environmental responsibility.



## Summary of Benefits:

- 80% energy efficient compared to incandescent lamps
- CFL lamps offer more light and less heat
- Remarkable service life from 6,000 hours to 15,000 hours contributing to the reduction of maintenance costs
- Outstanding light quality throughout lamp life
- A flicker-free start and fast warm-up
- Special types offer dimmability or dusk to dawn operation
- Available in new EuP compliant packaging

### Did you know?









GE Lighting is taking a new global approach, bringing new technologies to the market to help solve the world's toughest environmental challenges. We call it: Ecomagination.

CFL lamps from GE Lighting are an intrinsic element of GE's global Ecomagination initiative – lamps that reduce energy consumption, improve performance and create a better environment.

**ecomagination**<sup>SM</sup>  
a GE commitment

# New high performance CFL Lamps

Lighting has significant impact on the appearance, tone and impression of an interior space. GE Lighting now offers a comprehensive line of energy efficient lamps that can fulfil whatever the aesthetic requirement for virtually every type of application.

	Stick	Spiral	Decor
HIGH PERFORMANCE		 <p><b>LongLast™ Spiral T2 15,000 hours</b> 12/15/20/23W: standard/fast/20,000/-20°C/0.85 8W: standard/fast/15,000/-20°C/0.85</p> <p><b>Dimmable Spiral T3 10,000 hours</b> quick/fast/10,000/-20°C/1.0</p> <p><b>Spiral T4 HPF 10,000 hours</b> instant/fast/5,000/-15°C/1.8</p>	 <p><b>Energy Smart™ T2 10,000 hours</b> 9/11W: instant/fast/5,000/-20°C/0.85 15/20W: instant/slow/5,000/-20°C/0.85</p> <p><b>Genura 15,000 hours</b> instant/fast/100,000/-10°C/3.0</p>
PREMIUM	 <p><b>Stick T3 Mini 10,000 hours</b> instant/fast/5,000/-20°C/2.0</p> <p><b>Stick T4 Sensor 6,000 hours</b> quick/fast/10,000/-10°C/3.0</p>	 <p><b>Spiral T2 10,000 hours</b> 8/12/15W: quick/fast/10000/-10°C/0.85</p> <p><b>Spiral T2 8,000 hours</b> 20/23W: instant/fast/5000/-10°C/0.85</p>	 <p><b>Décor Candle/Spherical/Reflector/ GU10 T2 6,000 hours</b> instant/standard/5,000/-10°C/2.0</p> <p><b>Décor GLS T2 6,000 hours</b> 8/12W: instant/standard/5,000/-10°C/1.4 15/20W: quick/standard/10,000/-20°C/2.0</p>
STANDARD	 <p><b>Stick T3 Mini Eco 6,000 hours</b> 9/11/15W: instant/standard/3000/0°C/2.0 20/23W: instant/fast/3000/0°C/2.0</p>	 <p><b>Spiral T3 8,000 hours</b> quick/fast/10,000/-20°C/1.0</p>	 <p><b>Globe T3 8,000 hours</b> quick/slow/10,000/-20°C/3.0</p> <p><b>Circlite T5 6,000 hours</b> instant/fast/5,000/-20°C/4.5</p>

**LongLast™ Spiral T2 15,000 hrs**  
standard/fast/20,000/-20°C/0.85

<b>Starting categories</b>			<b>Run up categories 60% lm</b>			<b>Switching cycle</b>	<b>Minimum starting temperature [°C]</b>	<b>Mercury content</b>
0.3sec instant	1-0.3sec quick	1-1.5sec standard	<30sec fast	30-60sec standard	60-120sec slow	1 min on 3min off (official EU standard)	startup within 3sec	5.0mg official EU standard

## Classic Style with Contemporary Performance

GE Lighting is always at the forefront of design: we have and we always intend to lead the way.

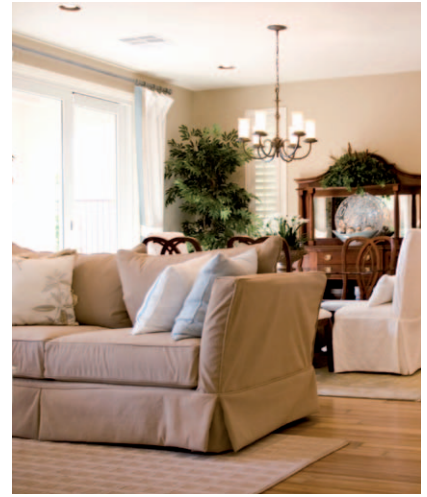
Energy Smart™ combines the desired shape of traditional GLS light bulbs with the efficiency benefits of compact fluorescent. Other products may seem to achieve a shape similar to GLS light bulbs, but only GE Lighting's Energy Smart™ offers a true like-for-like replacement, easing the transition to energy savings.

This unique product is made possible by miniature electronics developed by GE Lighting. This miniaturisation means that the ballast, which is normally housed in a large plastic base, can be neatly enclosed in the bulb. So the classic shape of a GLS light bulb can be exactly replicated in a compact fluorescent lamp.

EnergySmart™ is protected by several patent applications and is another example of how GE Lighting develops cutting edge technology to deliver lighting products that provide the balance between market demands and environmental needs.



# STICK



GE Lighting's stick CFL lamps offer low energy consumption in a compact size, along with additional benefits such as instant light-on and fast warm-up. Stick shaped lamps provide an energy efficient alternative for almost all applications where incandescent bulbs are currently used - ensuring excellent light quality and reliable energy savings.

## Stick types



### Stick T3 Mini

- 10,000 hours life
- Instant switch on feature
- Fast warm-up
- E14, E27 and B22 caps
- 9-23 wattages
- Warm, Cool and Daylight colours
- 'A' energy class

### Stick T3 Mini Eco

- 6,000 hours life
- Instant switch on
- Fast warm-up 20/23W, standard warm up 9/11/15W
- E14 and E27 caps
- 9-23 wattages
- Warm colour
- Low mercury content 2mg
- 'A' energy class

### Stick T4 Sensor

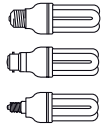
- Reliable design with two built in sensors
- 6,000 hours life
- 15W HEX Stick shape
- Automatically switches on/off depending on light level. Ideal for outdoor applications and security lighting
- Multiple operation - cap up or down
- Warm colour
- 'A' energy class

# CFL Stick Range

Wattage [W]	Volts [V]	Cap	Product Description	Product Code Box pack	Product Code Blister pack	Lumen [lm]	CCT [K]	CRI [Ra]	Life [h]	Length [mm]	Diameter [mm]	EEC	Pack Qty	EuP Inca Watt Equivalent
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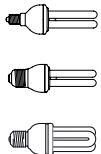
## Electronic Stick T3 Mini – 10,000 hours

9	220-240	E14	FLE9TBX/T3/827/E14	88697	61518	480	2700	82	10 000	119	44	A	8	43
9	220-240	E27	FLE9TBX/T3/827/E27	88695	61519	480	2700	82	10 000	115	44	A	8	43
9	220-240	B22	FLE9TBX/T3/827/B22	88696		480	2700	82	10 000	114	44	A	8	43
9	220-240	E14	FLE9TBX/T3/840/E14	88700		455	4000	82	10 000	119	44	A	10	41
9	220-240	E27	FLE9TBX/T3/840/E27	88698		455	4000	82	10 000	115	44	A	10	41
9	220-240	B22	FLE9TBX/T3/840/B22	88699		455	4000	82	10 000	114	44	A	10	41
9	220-240	E14	FLE9TBX/T3/865/E14	88703		455	6500	82	10 000	119	44	A	10	41
9	220-240	E27	FLE9TBX/T3/865/E27	88701		455	6500	82	10 000	115	44	A	10	41
9	220-240	B22	FLE9TBX/T3/865/B22	88702		455	6500	82	10 000	114	44	A	10	41
11	220-240	E14	FLE11TBX/T3/827/E14	78690	61520	660	2700	82	10 000	128	44	A	8	55
11	220-240	E27	FLE11TBX/T3/827/E27	72689	61521	660	2700	82	10 000	124	44	A	8	55
11	220-240	B22	FLE11TBX/T3/827/B22	72690		660	2700	82	10 000	123	44	A	8	55
11	220-240	E14	FLE11TBX/T3/840/E14	88709	61522	620	4000	82	10 000	128	44	A	10	52
11	220-240	E27	FLE11TBX/T3/840/E27	88707	61523	620	6500	82	10 000	126	44	A	10	52
11	220-240	B22	FLE11TBX/T3/840/B22	88708		620	4000	82	10 000	123	44	A	10	52
11	220-240	E14	FLE11TBX/T3/865/E14	88712		620	6500	82	10 000	128	44	A	10	52
11	220-240	E27	FLE11TBX/T3/865/E27	75730		620	6500	82	10 000	124	44	A	8	52
11	220-240	B22	FLE11TBX/T3/865/B22	75731		620	6500	82	10 000	123	44	A	8	52
15	220-240	E27	FLE15TBX/T3/827/E27	72688	61524	850	2700	82	10 000	137,5	44	A	8	67
15	220-240	B22	FLE15TBX/T3/827/B22	88713		850	2700	82	10 000	136,5	44	A	8	67
15	220-240	E27	FLE15TBX/T3/840/E27	88714	61525	800	4000	82	10 000	137,5	44	A	10	64
15	220-240	B22	FLE15TBX/T3/840/B22	88715		800	4000	82	10 000	136,5	44	A	10	64
15	220-240	E27	FLE15TBX/T3/865/E27	88716		800	6500	82	10 000	137,5	44	A	10	64
15	220-240	B22	FLE15TBX/T3/865/B22	88717		800	6500	82	10 000	136,5	44	A	10	64
20	220-240	E27	FLE20TBX/T3/827/E27	88718	61526	1200	2700	82	10 000	149	44	A	8	88
20	220-240	B22	FLE20TBX/T3/827/B22	88719		1200	2700	82	10 000	148	44	A	8	88
20	220-240	E27	FLE20TBX/T3/840/E27	88720	61527	1152	4000	82	10 000	149	44	A	10	86
20	220-240	B22	FLE20TBX/T3/840/B22	88721		1152	4000	82	10 000	148	44	A	10	86
20	220-240	E27	FLE20TBX/T3/865/E27	88722		1152	6500	82	10 000	149	44	A	10	86
20	220-240	B22	FLE20TBX/T3/865/B22	88723		1152	6500	82	10 000	148	44	A	10	86
23	220-240	E27	FLE23QBX/T3/827/E27	75268	61528	1450	2700	82	10 000	145	48	A	8	103
23	220-240	B22	FLE23QBX/T3/827/B22	75039		1450	2700	82	10 000	144	48	A	8	103
23	220-240	E27	FLE23QBX/T3/840/E27	97000		1450	4000	82	10 000	145	48	A	8	103
23	220-240	B22	FLE23QBX/T3/840/B22	97001		1450	4000	82	10 000	144	48	A	8	103
23	220-240	E27	FLE23QBX/T3/865/E27	97006		1380	6500	82	10 000	145	48	A	8	99
23	220-240	B22	FLE23QBX/T3/865/B22	97007		1380	6500	82	10 000	144	48	A	8	99



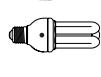
## Electronic Stick T3 Mini Eco – 6,000 hours

9	220-240	E14	FLE9DBX/T3/827/E14	62119		435	2700	82	6 000	123	40	A	10	40
9	220-240	E27	FLE9DBX/T3/827/E27	62120		435	2700	82	6 000	124	40	A	10	40
11	220-240	E14	FLE11DBX/T3/827/E14	61501		600	2700	82	6 000	142	44,5	A	10	53
11	220-240	E27	FLE11DBX/T3/827/E27	61502		600	2700	82	6 000	142	44,5	A	10	53
15	220-240	E27	FLE15TBX/T3/827/E27	61503		820	2700	82	6 000	136	44,5	A	10	65
20	220-240	E27	FLE20TBX/T3/827/E27	61504		1152	2700	82	6 000	154	44,5	A	10	86
23	220-240	E27	FLE23QBX/T3/827/E27	61505		1380	2700	82	6 000	173	44,5	A	10	99



## Electronic Stick T4 Sensor – 6,000 hours

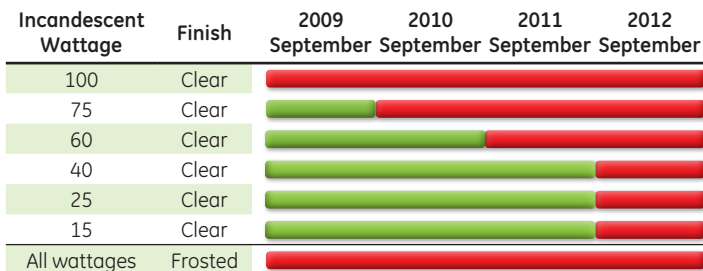
15	220-240	E27	FLE15TBX/827/E27/T4/SENZ	88643	96880	850	2700	80	6 000	146	55	A	8	67
15	220-241	B22	FLE15TBX/827/B22/T4/SENZ	70884		850	2700	80	6 000	145	55	A	8	67



## Did you know that...

...according to the European Union Directive all non-directional incandescent bulbs will be phased out from the EU market and will be replaced with better energy efficient solutions.

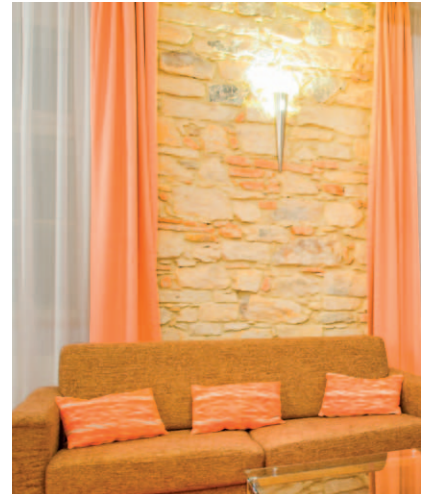
Be smart and make savings by choosing the appropriate energy saving CFL from GE to replace your inefficient incandescent bulb.



Incandescent Wattage	Regulatory CFL Lumen Equivalent	Stick T3 Mini 10,000 hours	LongLast™ Spiral T2 15,000 hours	Energy Smart™ T2 10,000 hours	Candle/Spherical T2 6,000 hours
100	1398	23W=103W 20W=88W	23W=106W 20W=90W	20W=86W	
75	970	15W=67W	15W=74W	15W=64W	
60	741	11W=55W	12W=58W	11W=50W	11W=50W
40	432	9W=43W	8W=42W	9W=41W	
25	229				7W=30W 5W=22W



# SPIRAL



One of the most popular bulb shapes is the spiral. With its small size, it will fit the majority of applications currently using incandescent bulbs. Providing more light than the original stick lamps, spiral lamps are one of the most eco-friendly energy saving solutions available today.

## Spiral types



### LongLast™ Spiral T2

- 15,000 hours life
- Substituting T3 Stick Extra Mini: attractive reduced size and higher light output spiral
- Fast warm-up
- 20,000 switching cycle endurance
- Low mercury content < 0.85 mg
- E14, E27 and B22 caps
- 8-23 wattages
- Warm, Cool and Daylight colours
- Eco Label approved premium quality
- 'A' energy class

### Spiral T2\*

- 8,000 & 10,000 hours life
- Quick light-on
- Fast warm-up
- Low mercury content < 0.85 mg
- E14, E 27 and B22 caps
- 8-23 wattages
- Warm, Cool and Daylight colours
- 'A' energy class

### Dimmable Spiral T3

- 10,000 hours life
- 20W T3
- Fast warm-up
- Reduced mercury < 1.0 mg
- 15-100% continuous dimming
- Flicker-free operation
- Warm colour
- 'A' energy class

### 32W Spiral T4 HPF

- 10,000 hours life
- High light output 2100 lumen
- High wattage lamp, more energy saving
- Fast warm-up
- High Power Factor 0.95 for higher energy efficiency
- 'A' energy class



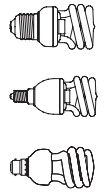
\* Awarded by "60 Millions de consommateurs", France; "OCU-Compra Maestra nº 344", Spain

# CFL Spiral Range

Wattage [W]	Volts [V]	Cap	Product Description	Product Code Box pack	Product Code Blister pack	Lumen [lm]	CCT [K]	CRI [Ra]	Life [h]	Length [mm]	Diameter [mm]	EEC	Pack Qty	EuP Inca Watt Equivalent
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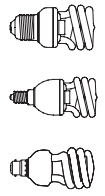
## LongLast™ Spiral T2 – 15,000 hours

8	220-240	E14	FLE8HLX/T2/827/E14	76153		470	2700	80	15 000	97	45	A	8	42
8	220-240	E27	FLE8HLX/T2/827/E27	76154		470	2700	80	15 000	85	45	A	8	42
8	220-240	B22	FLE8HLX/T2/827/B22	78156		470	2700	80	15 000	84	45	A	8	42
8	220-240	E14	FLE8HLX/T2/840/E14	78157		460	4000	80	15 000	97	45	A	8	42
8	220-240	E27	FLE8HLX/T2/840/E27	78188		460	4000	80	15 000	85	45	A	8	42
8	220-240	E27	FLE8HLX/T2/865/E27	78189		430	6500	80	15 000	85	45	A	8	40
12	220-240	E14	FLE12HLX/T2/827/E14	76155		715	2700	80	15 000	110	52	A	6	58
12	220-240	E27	FLE12HLX/T2/827/E27	76157		715	2700	80	15 000	98	52	A	6	58
12	220-240	B22	FLE12HLX/T2/827/B22	78190		715	2700	80	15 000	97	52	A	6	58
12	220-240	E14	FLE12HLX/T2/840/E14	78191		700	4000	80	15 000	110	52	A	6	57
12	220-240	E27	FLE12HLX/T2/840/E27	78192		700	4000	80	15 000	98	52	A	6	57
12	220-240	E14	FLE12HLX/T2/865/E14	78193		665	6500	80	15 000	110	52	A	6	55
12	220-240	E27	FLE12HLX/T2/865/E27	78194		665	6500	80	15 000	98	52	A	6	55
15	220-240	E27	FLE15HLX/T2/827/E27	76156		950	2700	80	15 000	98	52	A	6	74
15	220-240	B22	FLE15HLX/T2/827/B22	78195		950	2700	80	15 000	97	52	A	6	74
15	220-240	E27	FLE15HLX/T2/840/E27	78196		950	4000	80	15 000	98	52	A	6	74
15	220-240	E27	FLE15HLX/T2/865/E27	78197		900	6500	80	15 000	98	52	A	6	70
20	220-240	E27	FLE20HLX/T2/827/E27	76158		1220	2700	80	15 000	118	56	A	6	90
20	220-240	B22	FLE20HLX/T2/827/B22	78198		1220	2700	80	15 000	117	56	A	6	90
20	220-240	E27	FLE20HLX/T2/840/E27	78199		1200	4000	80	15 000	118	56	A	6	88
20	220-240	E27	FLE20HLX/T2/865/E27	78200		1152	6500	80	15 000	118	56	A	6	86
20	220-240	B22	FLE20HLX/T2/865/B22	78201		1152	6500	80	15 000	117	56	A	6	86
23	220-240	E27	FLE23HLX/T2/827/E27	76159		1500	2700	80	15 000	126	56	A	6	106
23	220-240	E27	FLE23HLX/T2/840/E27	78202		1380	4000	80	15 000	126	56	A	6	99
23	220-240	E27	FLE23HLX/T2/865/E27	78203		1380	6500	80	15 000	126	56	A	6	99



## Electronic Spiral T2 – 8,000/10,000 hours

8	220-240	E14	FLE8HLX/T2/827/E14	72711	79315	470	2700	80	10 000	99	46	A	8	42
8	220-240	E27	FLE8HLX/T2/827/E27	72712	79313	470	2700	80	10 000	86,5	46	A	8	42
8	220-240	B22	FLE8HLX/T2/827/B22	72713	79314	470	2700	80	10 000	85,5	46	A	8	42
8	220-240	E14	FLE8HLX/T2/865/E14	71002		430	6500	80	10 000	99	46	A	10	40
8	220-240	E27	FLE8HLX/T2/865/E27	71003		430	6500	80	10 000	86,5	46	A	10	40
12	220-240	E14	FLE12HLX/T2/827/E14	72714	79317	715	2700	80	10 000	112,5	53	A	6	58
12	220-240	E27	FLE12HLX/T2/827/E27	72715	79316	715	2700	80	10 000	100	53	A	6	58
12	220-240	B22	FLE12HLX/T2/827/B22	72716		715	2700	80	10 000	100	53	A	6	58
12	220-240	E14	FLE12HLX/T2/865/E14	71004		665	6500	80	10 000	112,5	53	A	10	55
12	220-240	E14	FLE12HLX/T2/865/E27	71005		665	6500	80	10 000	100	53	A	10	55
15	220-240	E27	FLE15HLX/T2/827/E27	72717	79318	950	2700	80	10 000	100	53	A	6	74
15	220-240	B22	FLE15HLX/T2/827/B22	72718	79319	950	2700	80	10 000	99	53	A	6	74
15	220-240	E27	FLE15HLX/T2/865/E27	71006		900	6500	80	10 000	100	53	A	10	70
20	220-240	E27	FLE20HLX/T2/827/E27	88680	88682	1220	2700	80	8 000	105	56	A	6	90
20	220-240	B22	FLE20HLX/T2/827/B22	88681	88683	1220	2700	80	8 000	104	56	A	6	90
20	220-240	E27	FLE20HLX/T2/840/E27	88684		1200	4000	80	8 000	105	56	A	10	88
20	220-240	E27	FLE20HLX/T2/865/E27	88685		1200	6500	80	8 000	104	56	A	10	88
23	220-240	E27	FLE23HLX/T2/827/E27	88686	88688	1450	2700	80	8 000	125	56	A	6	103
23	220-240	B22	FLE23HLX/T2/827/B22	88687	88689	1450	2700	80	8 000	124	56	A	6	103
23	220-240	E27	FLE23HLX/T2/840/E27	88690		1380	4000	80	8 000	125	56	A	10	99
23	220-240	E27	FLE23HLX/T2/865/E27	88691		1380	6500	80	8 000	125	56	A	10	99



## Electronic Spiral T3 Dimmable – 10,000 hours

20	220-240	E27	FLE20HLX/T3/827/E27	97030		1220	2700	80	10 000	136	59	A	6	90
20	220-240	B22	FLE20HLX/T3/827/B22	97031		1220	2700	80	10 000	135	59	A	6	90



## Electronic Spiral T3 – 10,000 hours

11	220-240	E27	FLE11HLX/T3/827/E27	82926	79311	580	2700	82	8 000	114	43	A	10	50
11	220-240	B22	FLE11HLX/T3/827/B22	70620		580	2700	82	8 000	113	43	A	10	50
11	220-240	E27	FLE11HLX/T3/865/E27	43271		580	6500	82	8 000	114	43	A	10	50
20	220-240	E27	FLE20HLX/T3/827/E27	82941	79312	1200	2700	82	8 000	128	59	A	10	88
20	220-240	B22	FLE20HLX/T3/827/B22	88123		1200	2700	82	8 000	127	59	A	10	88
20	220-240	E27	FLE20HLX/T3/865/E27	43270		1152	6500	82	8 000	128	59	A	10	86
24	220-240	E27	FLE24HLX/T3/827E27	62128		1750	6500	82	8 000	134	59	A	10	121
24	220-240	E27	FLE24HLX/T3/865E27	62129		1650	6500	82	8 000	134	59	A	10	115



## Electronic Spiral T4 High Power Factor (HPF) – 10,000 hours

32	220-240	E27	FLE32HLX/T4/827/E27/HPF	76152		2100	2700	80	10 000	172	66	A	6	141
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## Did you know that...

...GE CFL range is now available in open bottom box packaging that enables an instant view of the lamp's cap type. This makes it quick and easy to identify the cap you need!

E14/SES



E27/ES



B22/BC



# DECOR



GE Lighting's Decor CFL range offers a wide variety of decorative energy saving lamps in original shapes and sizes. Suitable for offices, theatres, hotels or in the home, the range offers original shapes and the same long lasting and elegant light.

## Decor round shapes: GLS, Spherical and Globe



### Energy Smart™

- 10,000 hours life
- T2 tube inside
- 9-20 wattages
- 9, 11W instant start, fast warm-up
- Provides high in-class lumens
- Low mercury content < 0.85 mg
- Eco-friendly components, no plastic base
- E27, B22 caps
- Warm and Daylight colours
- 'A' energy class

### Spherical T2

- 6,000 hours life
- T2 tube inside
- High colour rendering
- 5-7 wattages
- E14, E27, B22 caps
- Warm and Cool colours
- 'A' energy class

### GLS T2

- Incandescent retrofit most commonly used shape
- 6,000 hours life
- T2 Tube inside
- High colour rendering
- 8-20 wattages
- E14, E27, B22 caps
- Warm and Cool colours
- 'A' energy class

### Globe T3

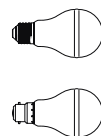
- Decorative shape for better light distribution
- 8,000 hours life
- 15-23 wattages
- E27, B22 caps
- Warm and Cool colours
- 'A' energy class

# CFL Decor Range

Wattage [W]	Volts [V]	Cap	Product Description	Product Code Box pack	Product Code Blister pack	Lumen [lm]	CCT [K]	CRI [Ra]	Life [h]	Length [mm]	Diameter [mm]	EEC	Pack Qty	EuP Inca Watt Equivalent
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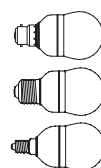
## Energy Smart™ T2 – 10,000 hours

9	220-240	E27	FLE9AG/T2/830/E27	77368	97034	450	3000	80	10 000	115	60	A	6	41
9	220-240	B22	FLE9AG/T2/830/B22	78233	97041	450	3000	80	10 000	117	60	A	6	41
9	220-240	E27	FLE9AG/T2/865/E27	78686	97042	450	6500	80	10 000	115	60	A	6	41
11	220-240	E27	FLE11AG/T2/830/E27	77367	97044	590	3000	80	10 000	115	60	A	6	50
11	220-240	B22	FLE11AG/T2/830/B22	78234	97045	590	3000	80	10 000	117	60	A	6	50
11	220-240	E27	FLE11AG/T2/865/E27	78687	97052	532	6500	80	10 000	115	60	A	6	46
15	220-240	B22	FLE15AG/T2/830/E27	77366	97053	800	3000	80	10 000	117	60	A	6	64
15	220-240	E27	FLE15AG/T2/830/B22	78235	97054	800	3000	80	10 000	115	60	A	6	64
15	220-240	E27	FLE15AG/T2/865/E27	78688	97055	800	6500	80	10 000	115	60	A	6	64
20	220-240	E27	FLE20AG/T3/830/E27	77365	97056	1152	3000	80	8 000	137	67	A	6	86
20	220-240	B22	FLE20AG/T3/830/B22	78236	97057	1152	3000	80	8 000	139	67	A	6	86
20	220-240	E27	FLE20AG/T3/865/E27	78689	97058	1152	6500	80	8 000	137	67	A	6	86



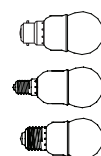
## Electronic GLS T2 - 6,000 hours

8	220-240	E14	FLE8GLS/T2/827/E14	88178	61529	370	2700	80	6 000	103,5	52,5	A	8	35
8	220-240	E27	FLE8GLS/T2/827/E27	88180	61530	370	2700	80	6 000	100	52,5	A	8	35
8	220-240	B22	FLE8GLS/T2/827/B22	88179		370	2700	80	6 000	99	52,5	A	8	35
8	220-240	E14	FLE8GLS/T2/840/E14	88151		370	4000	80	6 000	103,5	52,5	A	10	35
8	220-240	E27	FLE8GLS/T2/840/E27	88152		370	4000	80	6 000	100	52,5	A	10	35
12	220-240	E14	FLE12GLS/T2/827/E14	88177	61531	625	2700	80	6 000	113,5	56	A	6	52
12	220-240	E27	FLE12GLS/T2/827/E27	88209	61532	625	2700	80	6 000	110	56	A	6	52
12	220-240	B22	FLE12GLS/T2/827/B22	88208		625	2700	80	6 000	109	56	A	6	52
12	220-240	E14	FLE12GLS/T2/840/E14	88149		600	4000	80	6 000	113	56	A	10	51
12	220-240	E27	FLE12GLS/T2/840/E27	88150		600	4000	80	6 000	110	56	A	10	51
15	220-240	E27	FLE15GLS/T3/827/E27	88176	61533	830	2700	80	6 000	121	61	A	6	66
15	220-240	B22	FLE15GLS/T3/827/B22	88175	45828	830	2700	80	6 000	120	61	A	6	66
15	220-240	E27	FLE15GLS/T3/840/E27	88148		825	4000	80	6 000	121	61	A	10	66
20	220-240	E27	FLE20GLS/T3/827/E27	82151		1160	2700	80	6 000	152	75	A	6	86
20	220-240	B22	FLE20GLS/T3/827/B22	82150		1160	2700	80	6 000	151	75	A	6	86



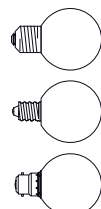
## Electronic Spherical T2 - 6,000 hours

5	220-240	E14	FLE5SPH/T2/827/E14	88839	73385	200	2700	80	6 000	100	45	A	8	22
5	220-240	E27	FLE5SPH/T2/827/E27	78691	88840	200	2700	80	6 000	89	45	A	8	22
5	220-240	B22	FLE5SPH/T2/827/B22	88841		200	2700	80	6 000	88	45	A	8	22
5	220-240	E14	FLE5SPH/T2/840/E14	73387	73388	200	4000	80	6 000	100	45	A	10	22
5	220-240	E27	FLE5SPH/T2/840/E27	73389	73394	200	4000	80	6 000	89	45	A	10	22
7	220-240	E14	FLE7SPH/T2/827/E14	88842	73397	310	2700	80	6 000	100	45	A	8	31
7	220-240	E27	FLE7SPH/T2/827/E27	75313		310	2700	80	6 000	89	45	A	8	31
7	220-240	B22	FLE7SPH/T2/827/B22	88844	88843	310	2700	80	6 000	88	45	A	8	31
7	220-240	E14	FLE7SPH/T2/840/E14	73402	73583	310	4000	80	6 000	100	45	A	10	31
7	220-240	E27	FLE7SPH/T2/840/E27	73398	73399	310	4000	80	6 000	89	45	A	10	31



## Electronic Globe T3 – 8,000 hours

15	220-240	E27	FLE15GG/827/E27	96776		805	2700	80	8 000	156	95	A	6	64
15	220-240	B22	FLE15GG/827/B22	96779		805	2700	80	8 000	155	95	A	6	64
15	220-240	E27	FLE15GG/840/E27	96778		805	4000	80	8 000	156	95	A	6	64
20	220-240	E27	FLE20GG/827/E27	96780		1152	2700	80	8 000	171	105	A	6	86
20	220-240	B22	FLE20GG/827/B22	75675		1152	2700	80	8 000	170	105	A	6	86
20	220-240	E27	FLE20GG/840/E27	96794		1152	4000	80	8 000	171	105	A	6	86
23	220-240	E27	FLE23GG/827/E27	96793		1371	2700	80	8 000	176	110	A	6	98
23	220-240	B22	FLE23GG/827/B22	96791		1371	2700	80	8 000	175	110	A	6	98
23	220-240	E27	FLE23GG/840/E27	96790		1371	4000	80	8 000	176	110	A	6	98



## Did you know that...

...colours can be adjusted to fit your **mood** and **environment**? Create the desired atmosphere by choosing the preferred colour temperature that suits you best.

### Warm White 2700 Kelvin (827)

With its smooth glow and warm tone of colour it is creating a cosy atmosphere. Perfect for homes, mimics best the light of the original incandescent bulb (2700-3000K).



### Cool White 4000 Kelvin (840)

Whiter and brighter light is suitable for kitchen or work spaces, making things look clean and fresh.



### Daylight 6500 Kelvin (865)

Closest tone to natural light, the daylight lamp is suitable for offices and reading. Keeps you awake and active whether its day or night.



# DECOR



Only a suitable light in the appropriate fixture can help create the required aesthetic. Anywhere a bulb is visible, such as chandeliers, sconces and bathroom fixtures - GE Lighting's Decor CFL range is ideal. The lamps last a minimum of six times longer than ordinary light bulbs and provide similar light performance.

## Decor Candles and Reflectors



### Candle

- Stylish candle shape from chandeliers to wall mounted fittings
- Small size due to T2 tubes
- 6,000 hours life
- 5-11 wattages
- E14, E27 and B22 caps
- Warm and Cool colours
- 'A' energy class

### Special Candle

- For decorative purposes
- 6,000 hours life
- 5-7 wattages
- E14, E27, B22 caps
- Warm colour
- 'A' energy class

### Reflector T2 & GU10

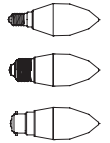
- R50, R63 and GU10 types
- Small size, high performance
- 6,000 hours life
- 7-11 wattages
- E14, E27, B22 caps
- Warm and Cool colours
- 'A' energy class

# CFL Decor Range

Wattage [W]	Volts [V]	Cap	Product Description	Product Code Box pack	Product Code Blister pack	Lumen [lm]	CCT [K]	CRI [Ra]	Life [h]	Length [mm]	Diameter [mm]	EEC	Pack Qty	EuP Inca Watt Equivalent
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## Electronic Candle T2 – 6,000 hours

5	220-240	E14	FLE5CDL/T2/827/E14	75676	88851	200	2700	80	6 000	108	37	A	8	22
5	220-240	E27	FLE5CDL/T2/827/E27	78698	73407	200	2700	80	6 000	105	37	A	8	22
5	220-240	B22	FLE5CDL/T2/827/B22	88853		200	2700	80	6 000	104	37	A	8	22
5	220-240	E14	FLE5CDL/T2/840/E14	73408		200	4000	80	6 000	108	37	A	10	22
5	220-240	E27	FLE5CDL/T2/840/E27	73410		200	4000	80	6 000	105	37	A	10	22
5	220-240	E14	FLE5CDL/T2/865/E14	99964		190	6500	80	6 000	108	37	A	10	21
7	220-240	E14	FLE7CDL/T2/827/E14	75677	88854	300	2700	80	6 000	108	37	A	8	30
7	220-240	E27	FLE7CDL/T2/827/E27	75311	79309	300	2700	80	6 000	105	37	A	8	30
7	220-240	B22	FLE7CDL/T2/827/B22	88856		300	2700	80	6 000	104	37	A	10	30
7	220-240	E14	FLE7CDL/T2/840/E14	73451		300	4000	80	6 000	108	37	A	10	30
7	220-240	E27	FLE7CDL/T2/840/E27	73453		300	4000	80	6 000	105	37	A	10	30
7	220-240	E14	FLE7CDL/T2/865/E14	73584		286	6500	80	6 000	108	37	A	10	29



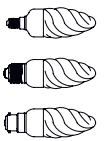
## Electronic Candle T3 – 6,000 hours

11	220-240	E14	FLE11CDL/T3/827/E14	76198		580	2700	80	6 000	141	50	A	6	50
11	220-240	E27	FLE11CDL/T3/827/E27	76201		580	2700	80	6 000	141	50	A	6	50
11	220-240	B22	FLE11CDL/T3/827/B22	76202		580	2700	80	6 000	140	50	A	6	50



## Electronic Twisted Candle T3 – 6,000 hours

5	220-240	E14	FLE5TWSTCDL/OP/827/E14	78693	61534	200	2700	82	6 000	112	40	A	10	22
5	220-240	E14	FLE5TWSTCDL/AMBER/E14	78692		200	2400	82	6 000	112	40	A	10	22
7	220-240	E14	FLE7TWSTCDL/OP/827/E14		79307	310	2700	82	6 000	128	46	A	6	31
7	220-240	E27	FLE7TWSTCDL/OP/827/E27	78695		310	2700	82	6 000	127	46	A	6	31
7	220-240	E14	FLE7TWSTCDL/AMBER/E14	78694	79308	310	2400	82	6 000	128	46	A	6	31
9	220-240	E14	FLE9TWSTCDL/OP/827/E14	78696	79310	435	2700	82	6 000	138	50	A	6	40
9	220-240	E27	FLE9TWSTCDL/OP/827/E27	78697		435	2700	82	6 000	137	50	A	6	40
9	220-240	E27	FLE9TWSTCDL/OP/827/E27	78697		435	2700	82	6 000	137	50	A	6	40



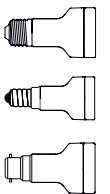
## Electronic Bent Tip Candle T2 – 6,000 hours

7	220-240	E14	FLE7BTCDL/OP/827/E14		88162	310	2700	82	6 000	158	44	A	10	31
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## Electronic Reflector T2 – 6,000 hours

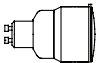
7	220-240	E14	FLE7R50/T2/827/E14	88845	73400	120*	2700	80	6 000	91	50	N/A	10	N/A
7	220-240	E27	FLE7R50/T2/827/E27	78701		120*	2700	80	6 000	91	50	N/A	10	N/A
7	220-240	B22	FLE7R50/T2/827/B22	78700		120*	2700	80	6 000	90	50	N/A	10	N/A
7	220-240	E14	FLE7R50/T2/840/E14	73403		120*	4000	80	6 000	91	50	N/A	10	N/A
11	220-240	E14	FLE11R63/T2/827/E14	78699		260*	2700	80	6 000	105	63	N/A	10	N/A
11	220-240	E27	FLE11R63/T2/827/E27	88849	96918	260*	2700	80	6 000	105	63	N/A	10	N/A
11	220-240	B22	FLE11R63/T2/827/B22	88850		260*	2700	80	6 000	104	63	N/A	10	N/A
11	220-240	E14	FLE11R63/T2/840/E14	73405		260*	4000	80	6 000	105	63	N/A	10	N/A



\* Rated lumen in beam angle\* for reflector types

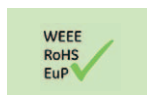
## Electronic GU10 T2 – 6,000 hours

7	220-240	GU10	FLE7GU10/T2/827	73454	88857	90*	2700	80	6 000	86,5	50	N/A	8	N/A
9	220-240	GU10	FLE9GU10/T2/827	78702	96921	180*	2700	80	6 000	86,5	50	N/A	8	N/A



\* Rated lumen in beam angle\* for reflector types

## EuP Compliant Packaging



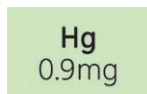
**EU Regulations:** GE Lighting's CFL lamps are all compliant with WEEE (Waste Electrical and Electronic Equipment), RoHS (Reduction of Hazardous Substances) and EuP (Energy Using Products) directives and are available in compliant packaging.



**Incandescent watt equivalence:** select the preferred wattage to enjoy the same light output as the original incandescent bulb while at the same time achieving significant energy savings. The Basic Data table and the updated EuP packaging include the CFL-Incandescent wattage equivalences according to the new EuP luminous flux standards.



**Warm-up:** GE Lighting's CFL lamps are usually characterised by fast warm-up times. Warm-up categories at 60% lumen are: fast (<30sec), standard (30-60sec) and slow (60-120sec).



**Mercury content:** GE Lighting's CFL lamps contain a minimised level of mercury, some of our best-in class lamps as low as 0.9mg vs. the max. 5.0mg allowed by RoHS.



**Switching cycle:** switching endurance is a minimum 3000 cycles based on official EU standard – one minute on, three minutes off.



**Website:** instructions on how to dispose of lamps at end of life or in the case of accidental lamp breakage are available on the GE Lighting website.

# SPECIAL



GE has developed durable, high performance compact fluorescent lamps for special application purposes.

Genura is an electromagnetic induction lamp offering long lifetime. It is an ideal lamp for various applications from downlights, decorative indoor lighting in hotels and restaurants, sales premises, offices, schools to residential lighting.

Circlite CFL lamp has been specially designed for easy retrofit in incandescent sockets. Due to its rounded shape, light is evenly distributed, providing high luminous flux to the environment.

## Special types



**Circlite**

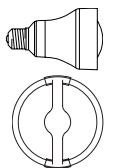
**Genura**

- 6,000 hours life
- Instant switch on
- Fast warm-up
- High colour rendering
- Perfect light distribution
- E27 cap
- 'A' energy class

- 15,000 hours life
- One-piece unit screws directly into incandescent sockets
- Provides more light than 75W incandescent reflector lamps
- Electrodeless design
- 100,000 high switching cycle endurance
- Instant switch on
- Fast warm-up

### CFL Special Types

Wattage [W]	Volts [V]	Cap	Product Description	Product Code Box pack	Lumen [lm]	CCT [K]	CRI [Ra]	Life [h]	Length [mm]	Diameter [mm]	EEC	Pack Qty	EuP Inca Watt Equivalent
<b>Electronic Reflector Genura R80 – 15,000 hours</b>													
23	220-240	E27	EFL23W/827/R80/E27	82174	490*	2700	80	15 000	130	83	N/A	6	N/A
23	220-240	E27	EFL23W/830/R80/E27	92246	490*	3000	80	15 000	130	83	N/A	6	N/A
<small>* Rated lumen in beam angle* for reflector types</small>													
<b>Electronic Circlite T5 – 6,000 hours</b>													
22	220-240	E27	FLE22/CLITE/T5/827/E27	73767	1800	2700	80	6 000	80	230	A	6	124
22	220-240	E27	FLE22/CLITE/T5/865/E27	73768	1700	6500	80	6 000	80	230	A	6	118



Looking to the future and GE Lighting continues to lead the way: through continuing innovations in lighting that offer customers higher efficiency, reduced maintenance costs and lower environmental impact.

[www.gelighting.com/eu](http://www.gelighting.com/eu)

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GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications from time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted by law. CFL Range brochure English - October 2010