

Compact Fluorescent Lamps Non-Integrated

The smart way for an efficient professional lighting application with GE non-integrated compact fluorescent lamps.

GE lighting has one of the most extensive range of compact fluorescent light sources available, providing extra energy saving with the Watt-Miser™ concept and long life performance with the LongLast™ range, which can be ideal for almost every application. Since compact fluorescent bulbs use less energy, these products save you money on your electricity bill and help protect the environment.

In response to the demand from the market for a lower energy consumption GE has developed the extra energy saving 2D™ Watt-Miser™.

GE Watt-Miser™ is a new generation of lamp family where end users can save additional energy versus regular compact fluorescent lamps on the market. Currently this unique GE 2D™ range has this extra feature where extra energy saving can reach up to 12%.

GE LongLast™ plug-in range is over the standard, and can last up to 20,000 hours.

The range is wide, having this long life performance from 10-70W in variety of different product shapes.

GE Biax™ lamps offers:

- Extra energy saving – up to 12%
- Long life – up to 20,000 hours
- High industry standard efficacy level
- Wide range of colour, wattage
- Suitable for dimming and motion detection
- Robust technical design
- High quality product
- Low running cost
- Warranty
- Environmentally friendly



Advanced lighting technologies

Standard Biax™ D&T upgraded to LongLast™

For Maintenance Saving



Our new compact fluorescent LongLast™ lamps provide increased service life which significantly reduces replacement and maintenance costs. They are ultra compact energy saving fluorescent lamps with new, innovative double and triple tube designs giving an ideal light source for small fixtures and downlighters.

GE LongLast™ guarantees the same light output in any burning position. It can be used in closed luminaires and outdoor applications too without significant light loss due to GE Amalgam technology providing stable lumen performance within a wide temperature range.

- Standard product has been upgraded to LongLast™
- Retrofit – can be used with existing fittings and control gears
- 20% life increase on 2-pin and 60% life increase on 4-pin range
- Reduces replacement and maintenance costs
- Best in class versus competition – standard price at premium performance
- Further energy saving with dimming possibilities
- Available in warm to cool temperatures (2700 – 6500K)

LongLast™

Standard 2D™ upgraded to Watt-Miser™

For Energy Saving



New 2D™ Watt-Miser™ lamps are energy saving compact fluorescent tubes formed into a "2D" shape. All types are available with a 4-pin cap which permits use with conventional or electronic control gear, dimming and emergency lighting circuits.

2D™ lamps use rare earth triphosphors to give high efficacy with good colour rendering properties.

This new range of GE 2D™ Watt-Miser™ compact fluorescent lamps give additional energy savings, even on standard control gear.

- Direct replacements for 16-21-28-38W standard 2D™ range
- Unique shape suitable for broad range of applications
- Interchangeable – can be used with existing fittings and control gear
- Excellent for circular light distribution
- Extra 5-12% energy saving depending on lamp/gear/environment
- The only 'A' class energy 2D™ lamp on the market
- Highest saving of 12% using 28W in high frequency operation – fast payback
- Best performance at the best running cost on the market!

2DWattMiser™

2D™ Watt-Miser™

The next generation of 2D™ lamps



The new 2D™ Watt-Miser™ lamps are energy saving compact fluorescent tubes. Available in either 16W, 21W, 28W, or 38W versions, in a wide choice of colour temperatures. These lamps are a direct replacement for existing 2D™ lamps, delivering market leading life, with excellent energy saving performance that is unique to GE!

2D™ Watt-Miser™ lamps provide similar lumen output as standard 2D™ lamps, with an energy saving of up to 12% dependent upon ballast and wattage.



Key benefits

- Reduced energy consumption
- The only 'A' Class energy rated 2D™ lamp
- Maintains market leading lumen maintenance
- Retrofit products to existing fittings and ballasts
- 2 and 4 pin versions

Application areas

2D™ Watt-Miser™ lamps are suitable for a wide range of exterior and interior applications:

- Residential
- Domestic
- Utility areas
- Task lighting
- Hotels/offices/restaurants
- Emergency lighting
- Decorative installations



Energy saving possibilities

	16W			21W			28W			38W		
	W/ Electronic gear	W/ Standard gear	Lumen	W/ Electronic gear	W/ Standard gear	Lumen	W/ Electronic gear	W/ Standard gear	Lumen	W/ Electronic gear	W/ Standard gear	Lumen
2D™ Watt-Miser™	14.05	14.84	1100	18.76	19.61	1350	24.24	26.74	2150	34	37.41	3000
Standard GE 2D™ lamp	15.4	15.75	1150	20.17	21.17	1450	27.57	28.05	2250	37.28	38.68	3000
Saving	8.8%	5.8%		7%	7.4%		12.1%	4.7%		8.8%	3.3%	

Selector

Biax™ S



Biax™ S - 2pin

Cap: G23
Wattages: 5-7-9-11W
Colours: 2700 - 6500K
Life: 10,000Hrs
Page: 77



Biax™ S/E - 4pin

Cap: 2G7
Wattages: 5-7-9-11W
Colours: 2700 - 6500K
Life: 10,000Hrs
Page: 77

Biax™ D



Biax™ D - 2pin

Cap: G24d
Wattages: 10-13-18-26W
Colours: 2700 - 6500K
Life: 12,000Hrs
Page: 77

LongLast™



Biax™ D/E - 4pin

Cap: G24q
Wattage: 10-13-18-26W
Colors: 2700 - 6500K
Life: 20,000Hrs
Page: 78

LongLast™

Biax™ T



Biax™ T - 2pin

Cap: GX24d
Wattages: 13-18-26-32W
Colours: 2700 - 6500K
Life: 12,000Hrs
Page: 78

LongLast™



Biax™ T/E - 4pin

Cap: GX24q
Wattages: 13-18-26-32-42W
Colours: 2700 - 6500K
Life: 20,000Hrs
Pages: 78-79

LongLast™

Biax™ Q



Biax™ Q/E - 4pin

Cap: GX24q
Wattages: 57-70W
Colours: 2700 - 5000K
Life: 20,000Hrs
Page: 79

LongLast™

Biax™ L



Biax™ L - 4pin

Cap: 2G11
Wattages: 18-26-36-40-55W
Colours: 2700 - 6500K
Life: 12,000-20,000Hrs
Page: 79

LongLast™

2D™



Biax™ 2D™ - 2pin

Cap: GR8
Wattages: 16-28W
Colours: 2700 - 6000K
Life: 12,000Hrs
Page: 80

WattMiser™



2D™ - 4pin

Cap: GR10q, GRY10q
Wattages: 10-16-28-38-55W
Colours: 2700 - 6000K
Life: 8,000-15,000Hrs
Page: 80

WattMiser™



Biax™ 2D™ Intergral

Cap: GR210d, GRZ10t
Wattages: 18-30W
Colours: 2700 - 6000K
Life: 10,000Hrs
Page: 80

WattMiser™

*10W and 55W versions are not Watt-Miser type



Compact Fluorescent Lamps Non-Integrated

Product identification

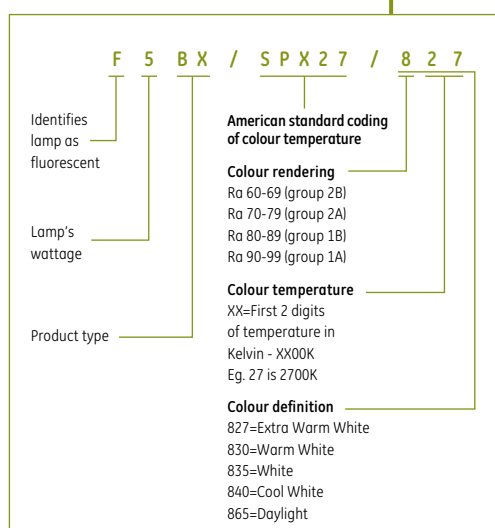
The following glossary of terms will help you when selecting lamps in this section. Within each product line, lamps are divided into families – within these families, lamps are listed by wattage. The Product Description can be used as a quick reference to each product's attributes. Where Life or Average Life are stated we refer to the industry standard definition of how many hours of operation 50% of a given installation will exceed.

All Biax™ CFL lamps manufactured with the high quality Polylux triphosphor technology.

Watts: Energy Used – Nominal Watts. To estimate energy consumption (kWh), multiply watts x hours of use and divide by 1000	Volts: Lamp data is based on operation at rated voltage	Cap: The type of cap fitted. See page 134-135 for cap drawings	Product description: The lamp's identification code	Lumens: Light output after the initial 100 hours of operation	CRI: Colour rendering index, the higher the number (1-100), the more natural the lit subject appears	Diameter: Bulb diameter in mm	EEC: Energy Efficiency Class					
Wattage [W]	Volts [V]	Cap	Product Description	Product Code	Lumen [lm]	CCT [K]	CRI [Ra]	Life [h]	Diameter [mm]	Length [mm]	EEC	Pack Qty

Biax™ S 2-pin, Internal Starter

5	35	G23	F5BX/SPX27/827	37654	265	2700	82	10,000	32	107.5	A	10
5	35	G23	F5BX/SPX41/840	37661	265	4000	82	10,000	32	107.5	A	10
7	47	G23	F7BX/SPX27/827	37846	425	2700	82	10,000	32	136.5	A	10



CCT:
Colour temperature – Kelvin [K]. The visual warmth or coolness of the light. The higher the number the whiter or cooler the light appears

Length:
Total length including the length of the pin in mm

Product code:
It is important to use this code when ordering to ensure that you receive the exact product you require

Life:
The point in time when 50% of installed lamps are still burning

Pack quantity:
Number of product units packed in a case

Wattage [W]	Volts [V]	Cap	Product Description	Product Code	Lumen [lm]	CCT [K]	CRI [Ra]	Life [h]	Diameter [mm]	Length [mm]	EEC	Pack Qty
Biax™ S 2-pin, Internal Starter												
5	35	G23	F5BX/SPX27/827	37654	265	2700	82	10,000	32	107.5	A	10
5	35	G23	F5BX/SPX41/840	37661	265	4000	82	10,000	32	107.5	A	10
7	47	G23	F7BX/SPX27/827	37846	425	2700	82	10,000	32	136.5	A	10
7	47	G23	F7BX/830	38930	425	3000	82	10,000	32	136.5	A	10
7	47	G23	F7BX/SPX35/835	37659	425	3500	82	10,000	32	136.5	A	10
7	47	G23	F7BX/SPX41/840	37660	425	4000	82	10,000	32	136.5	A	10
7	47	G23	F7BX/865	38984	425	6500	82	10,000	32	136.5	A	10
9	60	G23	F9BX/827	37651	600	2700	82	10,000	32	167	A	10
9	60	G23	F9BX/830	38929	600	3000	82	10,000	32	167	A	10
9	60	G23	F9BX/SPX35/835	37652	600	3500	82	10,000	32	167	A	10
9	60	G23	F9BX/SPX41/840	37653	600	4000	82	10,000	32	167	A	10
9	60	G23	F9BX/865	38985	600	6500	82	10,000	32	167	A	10
11	91	G23	F11BX/827	37663	900	2700	82	10,000	32	237	A	10
11	91	G23	F11BX/830	38928	900	3000	82	10,000	32	237	A	10
11	91	G23	F11BX/835	37666	900	3500	82	10,000	32	237	A	10
11	91	G23	F11BX/840	37664	900	4000	82	10,000	32	237	A	10
11	91	G23	F11BX/840	38986	900	6500	82	10,000	32	237	A	10



Biax™ S/E 4-pin, External Starter Required

5	35	2G7	F5BX/827/4P	37714	265	2700	82	10,000	37.5	92	A	10
5	35	2G7	F5BX/840/4P	37715	265	4000	82	10,000	37.5	92	A	10
7	47	2G7	F7BX/827/4P	37658	425	2700	82	10,000	37.5	121	A	10
7	47	2G7	F7BX/840/4P	37716	425	4000	82	10,000	37.5	121	A	10
9	60	2G7	F9BX/827/4P	37710	600	2700	82	10,000	37.5	151	A	10
9	60	2G7	F9BX/840/4P	37711	600	4000	82	10,000	37.5	151	A	10
11	91	2G7	F11BX/827/4P	37717	900	2700	82	10,000	37.5	222	A	10
11	91	2G7	F11BX/840/4P	37713	900	4000	82	10,000	37.5	222	A	10
11	91	2G7	F11BX/865/4P	12603	900	6500	82	10,000	37.5	222	A	10



Biax™ D 2-pin, Internal Starter

10	64	G24D-1	F10DBX/T3/827/2P	78211	600	2700	82	12000	34.4	108	B	10
10	64	G24D-1	F10DBX/T3/830/2P	78212	600	3000	82	12000	34.4	108	B	10
10	64	G24D-1	F10DBX/T3/835/2P	78213	600	3500	82	12000	34.4	108	B	10
10	64	G24D-1	F10DBX/T3/840/2P	78214	600	4000	82	12000	34.4	108	B	10
10	64	G24D-1	F10DBX/T3/865/2P	78215	600	6500	82	12000	34.4	108	B	10
13	91	G24D-1	F13DBX/T3/827/2P	78221	900	2700	82	12000	34.4	139	A	10
13	91	G24D-1	F13DBX/T3/830/2P	78222	900	3000	82	12000	34.4	139	A	10
13	91	G24D-1	F13DBX/T3/835/2P	78223	900	3500	82	12000	34.4	139	A	10
13	91	G24D-1	F13DBX/T3/840/2P	78224	900	4000	82	12000	34.4	139	A	10
13	91	G24D-1	F13DBX/T3/865/2P	78225	900	6500	82	12000	34.4	139	A	10
18	100	G24d-2	F18DBXT4/SPX27/827	12860	1200	2700	82	12,000	34.4	154	B	10
18	100	G24d-2	F18DBXT4/SPX30/830	12861	1200	3000	82	12,000	34.4	154	B	10
18	100	G24d-2	F18DBXT4/SPX35/835	12863	1200	3500	82	12,000	34.4	154	B	10
18	100	G24d-2	F18DBXT4/SPX41/840	12864	1200	4000	82	12,000	34.4	154	B	10
18	100	G24d-2	F18DBXT4/SPX65/865	13017	1200	6500	82	12,000	34.4	154	B	10
26	105	G24d-3	F26DBXT4/SPX27/827	35250	1800	2700	82	12,000	34.4	169.5	B	10
26	105	G24d-3	F26DBXT4/SPX30/830	35237	1800	3000	82	12,000	34.4	169.5	B	10
26	105	G24d-3	F26DBXT4/SPX35/835	35251	1800	3500	82	12,000	34.4	169.5	B	10
26	105	G24d-3	F26DBXT4/SPX41/840	35252	1800	4000	82	12,000	34.4	169.5	B	10
26	105	G24d-3	F26DBXT4/SPX65/865	35305	1630	6500	82	12,000	34.4	169.5	B	10



Compact Fluorescent Lamps Non-Integrated



Wattage (W)	Volts (V)	Cap	Product Description	Product Code	Lumen (lm)	CCT (K)	CRI (Ra)	Life (h)	Diameter (mm)	Length (mm)	EEC	Pack Qty
Biax™ D/E LongLast™ 4-pin, External Starter Required												
10	51	G24Q-1	F10DBX/T3/827/4P	78217	600	2700	82	20000	34.4	100.5	B	10
10	51	G24Q-1	F10DBX/T3/830/4P	78218	600	3000	82	20000	34.4	100.5	B	10
10	51	G24Q-1	F10DBX/T3/835/4P	78219	600	3500	82	20000	34.4	100.5	B	10
10	51	G24Q-1	F10DBX/T3/840/4P	78220	600	4000	82	20000	34.4	100.5	B	10
10	51	G24Q-1	F10DBX/T3/865/4P	78231	600	6500	82	20000	34.4	100.5	B	10
13	77	G24Q-1	F13DBX/T3/827/4P	78226	900	2700	82	20000	34.4	131.5	A	10
13	77	G24Q-1	F13DBX/T3/830/4P	78227	900	3000	82	20000	34.4	131.5	A	10
13	77	G24Q-1	F13DBX/T3/835/4P	78228	900	3500	82	20000	34.4	131.5	A	10
13	77	G24Q-1	F13DBX/T3/840/4P	78229	900	4000	82	20000	34.4	131.5	A	10
13	77	G24Q-1	F13DBX/T3/865/4P	78232	900	6500	82	20000	34.4	131.5	A	10
18	80	G24q-2	F18DBX/SPX27/827/4P	12865	1200	2700	82	20,000	34.4	146.5	B	10
18	80	G24q-2	F18DBX/SPX30/830/4P	12866	1200	3000	82	20,000	34.4	146.5	B	10
18	80	G24q-2	F18DBX/SPX35/835/4P	12869	1200	3500	82	20,000	34.4	146.5	B	10
18	80	G24q-2	F18DBX/SPX41/840/4P	12870	1200	4000	82	20,000	34.4	146.5	B	10
26	80	G24q-3	F26DBX/SPX27/827/4P	35247	1800	2700	82	20,000	34.4	162	B	10
26	80	G24q-3	F26DBX/SPX30/830/4P	35235	1800	3000	82	20,000	34.4	162	B	10
26	80	G24q-3	F26DBX/SPX35/835/4P	35248	1800	3500	82	20,000	34.4	162	B	10
26	80	G24q-3	F26DBX/SPX41/840/4P	35236	1800	4000	82	20,000	34.4	162	B	10
26	80	G24q-3	F26DBX/SPX65/865/4P	42798	1710	6500	82	12,000	34.40	162	B	10



Biax™ T 2-pin with Amalgam, Internal Starter

13	91	GX24d-1	F13TBX/827/A/2P	35940	900	2700	82	12,000	49.3	112.9	A	10
13	91	GX24d-1	F13TBX/SPX30/830/A/2P	35966	900	3000	82	12,000	49.3	112.9	A	10
13	91	GX24d-1	F13TBX/SPX41/A/2P	35941	900	4000	82	12,000	49.3	112.9	A	10
18	100	GX24d-2	F18TBX/SPX27/827/A/2P	35945	1200	2700	82	12,000	49.3	127.4	B	10
18	100	GX24d-2	F18TBX/SPX30/830/A/2P	35944	1200	3000	82	12,000	49.3	127.4	B	10
18	100	GX24d-2	F18TBX/SPX35/835/A/2P	35937	1200	3500	82	12,000	49.3	127.4	B	10
18	100	GX24d-2	F18TBX/SPX41/840/A/2P	35939	1200	4000	82	12,000	49.3	127.4	B	10
26	105	GX24d-3	F26TBX/SPX27/827/A/2P	35959	1800	2700	82	12,000	49.3	139.9	B	10
26	105	GX24d-3	F26TBX/SPX30/830/A/2P	35952	1800	3000	82	12,000	49.3	139.9	B	10
26	105	GX24d-3	F26TBX/SPX35/835/A/2P	35963	1800	3500	82	12,000	49.3	139.9	B	10
26	105	GX24d-3	F26TBX/SPX41/840/A/2P	35964	1800	4000	82	12,000	49.3	139.9	B	10
26	105	GX24d-3	F26TBX/SPX65/865/A/2P	35965	1800	6500	82	12,000	49.3	139.9	B	10



Biax™ T/E LongLast™ 4-pin with Amalgam, External Starter Required

13	91	GX24q-1	F13TBX/SPX27/827/A/4P	34391	900	2700	82	12,000	49.3	112.9	A	10
13	91	GX24q-1	F13TBX/SPX30/830/A/4P	34395	900	3000	82	12,000	49.3	112.9	A	10
13	91	GX24q-1	F13TBX/SPX35/835/A/4P	34400	900	3500	82	12,000	49.3	112.9	A	10
13	91	GX24q-1	F13TBX/SPX41/840/A/4P	34387	900	4000	82	12,000	49.3	112.9	A	10
18	100	GX24q-2	F18TBX/SPX27/827/A/4P	34392	1200	2700	82	12,000	49.3	127.4	B	10
18	100	GX24q-2	F18TBX/SPX30/830/A/4P	34396	1200	3000	82	12,000	49.3	127.4	B	10
18	100	GX24q-2	F18TBX/SPX35/835/A/4P	34405	1200	3500	82	12,000	49.3	127.4	B	10
18	100	GX24q-2	F18TBX/SPX41/840/A/4P	34385	1200	4000	82	12,000	49.3	127.4	B	10
26	105	GX24q-3	F26TBX/SPX27/827/A/4P	34393	1800	2700	82	12,000	49.3	139.9	B	10
26	105	GX24q-3	F26TBX/SPX30/830/A/4P	34397	1800	3000	82	12,000	49.3	139.9	B	10
26	105	GX24q-3	F26TBX/SPX35/835/A/4P	34406	1800	3500	82	12,000	49.3	139.9	B	10
26	105	GX24q-3	F26TBX/SPX41/840/A/4P	34381	1800	4000	82	12,000	49.3	139.9	B	10

Wattage [W]	Volts [V]	Cap	Product Description	Product Code	Lumen [lm]	CCT [K]	CRI [Ra]	Life [h]	Diameter [mm]	Length [mm]	EEC	Pack Qty
Biax™ T/E LongLast™ 4-pin with Amalgam, External Starter Required												
32	100	GX24q-3	F32TBX/SPX27/827/AP4P	39377	2400	2700	82	17,000	49.3	141.2	B	10
32	100	GX24q-3	F32TBX/SPX30/830/AP4P	39378	2400	3000	82	17,000	49.3	141.2	B	10
32	100	GX24q-3	F32TBX/SPX35/835/A/4P	39379	2400	3500	82	17,000	49.3	141.2	B	10
32	100	GX24q-3	F32TBX/SPX41/840/A/4P	39380	2400	4000	82	17,000	49.3	141.2	B	10
42	135	GX24q-4	F42TBX/827/A/4P	46312	3200	2700	82	17,000	49.3	163.2	B	10
42	135	GX24q-4	F42TBX/830/A/4P	46313	3200	3000	82	17,000	49.3	163.2	B	10
42	135	GX24q-4	F42TBX/835/A/4P	46314	3200	3500	82	17,000	49.3	163.2	B	10
42	135	GX24q-4	F42TBX/841/A/4P	46315	3200	3000	82	17,000	49.3	163.2	B	10

Biax™ Q/E LongLast™ 4-pin

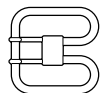
57	175	GX24q-5	F57QBX/827/A/4P/LL	45213	4300	2700	82	20,000	58.3	180.7	B	10
57	175	GX24q-5	F57QBX/830/A/4P/LL	45204	4300	3000	82	20,000	58.3	180.7	B	10
57	175	GX24q-5	F57QBX/835/A/4P/LL	45202	4300	3500	82	20,000	58.3	180.7	B	10
57	175	GX24q-5	F57QBX/840/A/4P/LL	45201	4300	4000	82	20,000	58.3	180.7	B	10
70	219	GX24q-6	F70QBX/830/A/4P/LL	45208	5200	3000	82	20,000	58.3	208.2	B	10
70	219	GX24q-6	F70QBX/835/A/4P/LL	45219	5200	3500	82	20,000	58.3	208.2	B	10
70	219	GX24q-6	F70QBX/840/A/4P/LL	45218	5200	4000	82	20,000	58.3	208.2	B	10

Biax™ L LongLast™ 4-pin, External Starter Required

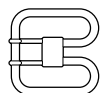
18	58	2G11	F18BX/827	41087	1250	2700	82	10,000	43.8	231.3	B	25
18	58	2G11	F18BX/830	41088	1250	3000	82	10,000	43.8	231.3	B	25
18	58	2G11	F18BX/835	41089	1250	3500	82	10,000	43.8	231.3	B	25
18	58	2G11	F18BX/840	41090	1250	4000	82	10,000	43.8	231.3	B	25
24	87	2G11	F24BX/827	41128	1800	2700	82	10,000	43.8	326.8	B	25
24	87	2G11	F24BX/830	41134	1800	3000	82	10,000	43.8	326.8	B	25
24	87	2G11	F24BX/835	41145	1800	3500	82	10,000	43.8	326.8	B	25
24	87	2G11	F24BX/840	41155	1800	4000	82	10,000	43.8	326.8	B	25
34	120	2G11	F34BX/830	41163	2800	3000	82	10,000	43.8	538.8	A	25
34	120	2G11	F34BX/835	41166	2800	3500	82	10,000	43.8	538.8	A	25
34	120	2G11	F34BX/840	41167	2800	4000	82	10,000	43.8	538.8	A	25
36	106	2G11	F36BX/827	41307	2900	2700	82	10,000	43.8	421.8	A	25
36	106	2G11	F36BX/830	41168	2900	3000	82	10,000	43.8	421.8	A	25
36	106	2G11	F36BX/835	41169	2900	3500	82	10,000	43.8	421.8	A	25
36	106	2G11	F36BX/840	41170	2900	4000	82	10,000	43.8	421.8	A	25
36	106	2G11	F36BX/865	75694	2750	6500	82	10000	43.8	421.8	B	25
40	126	2G11	F40BX/830	41171	3500	3000	82	20,000	43.8	538.8	A	25
40	126	2G11	F40BX/835	41172	3500	3500	82	20,000	43.8	538.8	A	25
40	126	2G11	F40BX/840	41173	3500	4000	82	20,000	43.8	538.8	A	25
55	101	2G11	F55BX/830	41174	4800	3000	82	20,000	43.8	538.8	A	25
55	101	2G11	F55BX/835	41260	4800	3500	82	20,000	43.8	538.8	A	25
55	101	2G11	F55BX/840	41298	4800	4000	82	20,000	43.8	538.8	A	25
55	101	2G11	F55BX/865	75695	4550	6500	82	20000	43.8	538.8	B	25



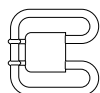
Compact Fluorescent Lamps Non-Integrated



Wattage [W]	Volts [V]	Cap	Product Description	Product Code	Lumen [lm]	CCT [K]	CRI [Ra]	Life [h]	Diameter [mm]	Length [mm]	EEC	Pack Qty
2D™ Watt-Miser™												
16	103	GR8	F162D/827	41744	1100	2700	82	12,000	138	142	A	20
16	103	GR8	F162D/835	41745	1100	3500	82	12,000	138	142	A	20
16	103	GR10q	F162D/827/4P	41746	1100	2700	82	12,000	138	142	A	20
16	103	GR10q	F162D/830/4P	75066	1100	3000	82	12,000	138	142	A	20
16	103	GR10q	F162D/835/4P	41747	1100	3500	82	12,000	138	142	A	20
16	103	GR8	F162D/860	41749	1050	6000	82	12,000	138	142	B	20
21	103	GR10q	F212D/827/4P	41794	1375	2700	82	12,000	138	142	B	20
21	103	GR10q	F212D/835/4P	41806	1375	3500	82	12,000	138	142	B	20
21	103	GR10q	F212D/860/4P	41808	1375	6000	82	12,000	138	142	B	20
28	108	GR8	F282DT5/827/2P	10546	2150	2700	82	15,000	202	204	A	20
28	108	GR10q	F282DT5/827/4P	10547	2150	2700	82	15,000	202	204	A	20
28	108	GR10q	F282DT5/830/4P	75068	2150	3000	82	18,000	202	204	A	20
28	108	GR10q	F282DT5/835/4P	10567	2150	3500	82	15,000	202	204	A	20
28	108	GR10q	F282DT5/840/4P	10548	2150	4000	82	15,000	202	204	A	20
38	110	GR10q	F382DT5/827/4P	10550	3000	2700	82	18,000	202	204	A	20
38	110	GR10q	F382DT5/830/4P	75067	3000	3000	82	18,000	202	204	A	20
38	110	GR10q	F382DT5/835/4P	10566	3000	3500	82	18,000	202	204	A	20



Biax™ 2D™												
10	60	GR10q	F10W/2D/827/4P	88105	680	2700	82	8,000	92	95	A	20
10	60	GR10q	F10W/2D/835/4P	88106	680	3500	82	8,000	92	95	A	20



Biax™ 2D™ Watt-Miser™ with Integral Control Gear												
18	220-240	GRZ10d	FLE18W2D/827 GRZ10D	18122	1200	2700	80	10,000	138	142	A	10
18	220-240	GRZ10d	FLE18W2D/835 GRZ10D	18123	1200	3500	80	10,000	138	142	A	10
18	220-240	GRZ10d	FLE18W2D/840 GRZ10D	18120	1200	4000	80	10,000	138	142	A	10
30	220-240	GRZ10t	FLE30W2D/827 GRZ10T	78237	2150	2700	82	10000	202	206	A	10
30	220-240	GRZ10t	FLE30W2D/835 GRZ10T	78238	2150	3500	82	10000	202	206	A	10
30	220-240	GRZ10t	FLE30W2D/840 GRZ10T	78239	2150	4000	82	10000	202	206	A	10

Wattage [W]	Volts [V]	Product Description	Product Code	Diameter [mm]	Length [mm]	Pack Qty
-------------	-----------	---------------------	--------------	---------------	-------------	----------

Biax™ Q/E Electronic Ballast

57-70	220-240	BLS/E/1X57-70W/QBX 220-240V	13248	79	123	12
-------	---------	-----------------------------	-------	----	-----	----

Brand cross reference

The following pages show GE and alternative brand Order Codes. These cross references are provided as a quick guide and may only represent a near equivalent to other brands. The table contains data from alternative brands' catalogues and website.

GE			OSRAM	PHILIPS	Havells Sylvania
	Biax™S 2pin	Colour temperature	Dulux S	Master PL-S 2	Lynx-S
5W	F5BX/827	2700	DULUX S 5W/827	PL-S 5W/827/2P	Lynx S 5W/827
	F5BX/840	4000	DULUX S 5W/840	PL-S 5W/840/2P	Lynx S 5W/840
7W	F7BX/827	2700	DULUX S 7W/827	PL-S 7W/827/2P	Lynx S 7W/827
	F7BX/830	3000	DULUX S 7W/830	PL-S 7W/830/2P	Lynx S 7W/830
	F7BX/835	3500	-	-	Lynx S 7W/835
	F7BX/840	4000	DULUX S 7W/840	PL-S 7W/840/2P	Lynx S 7W/840
9W	F7BX/865	6500	DULUX S 7W/865	-	Lynx S 7W/860
	F9BX/827	2700	DULUX S 9W/827	PL-S 9W/827/2P	Lynx S 9W/827
	F9BX/835	3500	-	-	Lynx S 9W/835
	F9BX/840	4000	DULUX S 9W/840	PL-S 9W/840/2P	Lynx S 9W/840
11W	F11BX/827	2700	DULUX S 11W/827	PL-S 11W/827/2P	Lynx S 11W/827
	F11BX/830	3000	DULUX S 11W/830	PL-S 11W/830/2P	Lynx S 11W/830
	F11BX/835	3500	-	-	Lynx S 11W/835
	F11BX/840	4000	DULUX S 11W/840	PL-S 11W/840/2P	Lynx S 11W/840
	F11BX/865	6500	DULUX S 11W/865	-	Lynx S 11W/860
	Biax™S/E 4pin		Dulux-SE	Master PL-S 4	Lynx - SE
5W	F5BX/827/4P	2700	DULUX S/E 5W/827	PL-S 5W/827/4P	Lynx SE 5W/827
	F5BX/840/4P	4000	DULUX S/E 5W/840	PL-S 5W/840/4P	Lynx SE 5W/840
7W	F7BX/827/4P	2700	DULUX S/E 7W/827	PL-S 7W/827/4P	Lynx SE 7W/827
	F7BX/840/4P	4000	DULUX S/E 7W/840	PL-S 7W/840/4P	Lynx SE 7W/840
9W	F9BX/827/4P	2700	DULUX S/E 9W/827	PL-S 9W/827/4P	Lynx SE 9W/827
	F9BX/840/4P	4000	DULUX S/E 9W/840	PL-S 9W/840/4P	Lynx SE 9W/840
11W	F11BX/827/4P	2700	DULUX S/E 11W/827	PL-S 11W/827/4P	Lynx SE 11W/827
	F11BX/840/4P	4000	DULUX S/E 11W/840	PL-S 11W/840/4P	Lynx SE 11W/840
	Biax™D 2pin		Dulux-D	Master PL-C	Lynx-D
10W	F10DBX/827	2700	DULUX D 10W/827	PL-C 10W/827/2P	Lynx D 10W/827
	F10DBX/830	3000	DULUX D 10W/830	PL-C 10W/830/2P	Lynx D 10W/830
	F10DBX/835	3500	-	-	Lynx D 10W/835
	F10DBX/840	4000	DULUX D 10W/840	PL-C 10W/840/2P	Lynx D 10W/840
13W	F10DBX/865	6500	-	-	Lynx D 10W/860
	F13DBX/827	2700	DULUX D 13W/827	PL-C 13W/827/2P	Lynx D 13W/827
	F13DBX/830	3000	DULUX D 13W/830	PL-C 13W/830/2P	Lynx D 13W/830
	F13DBX/835	3500	-	-	Lynx D 13W/835
18W	F13DBX/840	4000	DULUX D 13W/840	PL-C 13W/840/2P	Lynx D 13W/840
	F13DBX/865	6500	-	-	Lynx D 13W/860
	F18DBX/827	2700	DULUX D 18W/827	PL-C 18W/827/2P	Lynx D 18W/827
	F18DBX/830	3000	DULUX D 18W/830	PL-C 18W/830/2P	Lynx D 18W/830
26W	F18DBX/835	3500	-	-	Lynx D 18W/835
	F18DBX/840	4000	DULUX D 18W/840	PL-C 18W/840/2P	Lynx D 18W/840
	F18DBX/865	6500	-	-	Lynx D 18W/860
	F26DBX/827	2700	DULUX D 26W/827	PL-C 26W/827/2P	Lynx D 26W/827
	F26DBX/830	3000	DULUX D 26W/830	PL-C 26W/830/2P	Lynx D 26W/830
	F26DBX/835	3500	-	-	Lynx D 26W/835
	F26DBX/840	4000	DULUX D 26W/21840	PL-C 26W/840/2P	Lynx D 26W/840
	F26DBX/865	6500	-	-	Lynx D 26W/860
	Biax™D/E 4pin		Dulux-DE	Master PL-C	Lynx-DE
10W	F10DBX/827/4P/EOL	2700	DULUX D/E 10W/827	PL-C 10W/827/4P	Lynx DE 10W/827
	F10DBX/830/4P/EOL	3000	DULUX D/E 10W/830	PL-C 10W/830/4P	Lynx DE 10W/830
	F10DBX/835/4P/EOL	3500	-	-	Lynx DE 10W/835
	F10DBX/840/4P/EOL	4000	DULUX D/E 10W/840	PL-C 10W/840/4P	Lynx DE 10W/840
13W	F13DBX/827/4P/EOL	2700	DULUX D/E 13W/827	PL-C 13W/827/4P	Lynx DE 13W/827
	F13DBX/830/4P/EOL	3000	DULUX D/E 13W/830	PL-C 13W/830/4P	Lynx DE 13W/830
	F13DBX/835/4P/EOL	3500	-	-	Lynx DE 13W/835



Compact Fluorescent Lamps Non-Integrated

GE			OSRAM	PHILIPS	Havells Sylvania
	Biax™D/E 4pin	Colour temperature	Dulux-DE	Master PL-C	Lynx-DE
18W	F18DBX/827/4P/EOL	2700	DULUX D/E 18W/827	PL-C 18W/827/4P	Lynx DE 18W/827
	F18DBX/830/4P/EOL	3000	DULUX D/E 18W/830	PL-C 18W/830/4P	Lynx DE 18W/830
	F18DBX/835/4P/EOL	3500	-	-	Lynx DE 18W/835
	F18DBX/840/4P/EOL	4000	DULUX D/E 18W/840	PL-C 18W/840/4P	Lynx DE 18W/840
26W	F26DBX/827/4P/EOL	2700	DULUX D/E 26W/827	PL-C 26W/827/4P	Lynx DE 26W/827
	F26DBX/830/4P/EOL	3000	DULUX D/E 26W/830	PL-C 26W/830/4P	Lynx DE 26W/830
	F26DBX/835/4P/EOL	3500	-	-	Lynx DE 26W/835
	F26DBX/840/4P/EOL	4000	DULUX D/E 26W/840	PL-C 26W/840/4P	Lynx DE 26W/840
	Biax™T 2pin		Dulux T	Master PL-T	Lynx-T
13W	F13TBX/827/A/2P	2700	DULUX T 13W/827	PL-T 13W/827/2P	-
	F13TBX/830/A/2P	3000	DULUX T 13W/830	PL-T 13W/830/2P	-
	F13TBX/835/A/2P	3500	-	-	-
	F13TBX/840/A/2P	4000	DULUX T 13W/840	PL-T 13W/840/2P	-
18W	F18TBX/865/A/2P	6500	-	-	-
	F18TBX/827/A/2P	2700	DULUX T 18W/827	PL-T 18W/827/2P	Lynx T 18W/827
	F18TBX/830/A/2P	3000	DULUX T 18W/830	PL-T 18W/830/2P	-
	F18TBX/835/A/2P	3500	-	-	Lynx T 18W/835
26W	F18TBX/840/A/2P	4000	DULUX T 18W/840	PL-T 18W/840/2P	Lynx T 18W/840
	F18TBX/865/A/2P	6500	-	-	-
	F26TBX/827/A/2P	2700	DULUX T 26W/827	PL-T 26W/827/2P	Lynx T 26W/827
	F26TBX/830/A/2P	3000	DULUX T 26W/830	PL-T 26W/830/2P	-
	F26TBX/835/A/2P	3500	-	-	Lynx T 26W/835
	F26TBX/840/A/2P	4000	DULUX T 26W/840	PL-T 26W/840/2P	Lynx T 26W/840
	F26TBX/865/A/2P	6500	-	-	-
	Biax™T/E 4pin		Dulux T/E	Master PL-T 4pin	Lynx- TE
13W	F13TBX/827/A/4P/EOL	2700	DULUX T/E 13W/827	PL-T 13W/827/4P	-
	F13TBX/830/A/4P/EOL	3000	DULUX T/E 13W/830	PL-T 13W/830/4P	-
	F13TBX/835/A/4P/EOL	3500	-	-	-
	F13TBX/840/A/4P/EOL	4000	DULUX T/E 13W/840	PL-T 13W/840/4P	-
18W	F18TBX/827/A/4P/EOL	2700	DULUX T/E 18W/827	PL-T 18W/827/4P	Lynx TE 18W/827
	F18TBX/830/A/4P/EOL	3000	DULUX T/E 18W/830	PL-T 18W/830/4P	-
	F18TBX/835/A/4P/EOL	3500	-	-	Lynx TE 18W/835
	F18TBX/840/A/4P/EOL	4000	DULUX T/E 18W/840	PL-T 18W/840/4P	Lynx TE 18W/840
26W	F26TBX/827/A/4P/EOL	2700	DULUX T/E 26W/827	PL-T 26W/827/4P	Lynx TE 26W/827
	F26TBX/830/A/4P/EOL	3000	DULUX T/E 26W/830	PL-T 26W/830/4P	-
	F26TBX/835/A/4P/EOL	3500	-	-	Lynx TE 26W/835
	F26TBX/840/A/4P/EOL	4000	DULUX T/E 26W/840	PL-T 26W/840/4P	Lynx TE 26W/840
32W	F32TBX/827/A/4P/EOL	2700	DULUX T/E 32W/827	PL-T 32W/827/4P	Lynx TE 32W/827
	F32TBX/830/A/4P/EOL	3000	DULUX T/E 32W/830	PL-T 32W/830/4P	-
	F32TBX/835/A/4P/EOL	3500	-	-	Lynx TE 32W/835
	F32TBX/840/A/4P/EOL	4000	DULUX T/E 32W/840	PL-T 32W/840/4P	Lynx TE 32W/840
42W	F42TBX/827/A/4P/EOL	2700	DULUX T/E 32W/827	PL-T 32W/827/4P	Lynx TE 32W/827
	F42TBX/830/A/4P/EOL	3000	DULUX T/E 32W/830	PL-T 32W/830/4P	-
	F42TBX/841/A/4P/EOL	3500	-	-	Lynx TE 32W/835
	F42TBX/835/A/4P/EOL	4000	DULUX T/E 32W/840	PL-T 32W/840/4P	Lynx TE 32W/840
	Biax™Q/E 4pin		Dulux T/E	PL-T	Lynx- TE
57W	F57QBX/827/A/4P/EOL	2700	-	PL-T 57W/827/4P	-
	F57QBX/830/A/4P/EOL	3000	DULUX T/E 57W/830	PL-T 57W/830/4P	-
	F57QBX/835/A/4P/EOL	3500	-	-	-
	F57QBX/840/A/4P/EOL	4000	DULUX T/E 57W/840	PL-T 57W/840/4P	-
70W	F70QBX/827/A/4P/EOL	2700	-	-	-
	F70QBX/830/A/4P/EOL	3000	-	-	-
	F70QBX/835/A/4P/EOL	3500	-	-	-
	F70QBX/840/A/4P/EOL	4000	DULUX T/E 70W/840	-	-



Brand cross reference

GE			OSRAM	PHILIPS	Havells Sylvania
	Biax™ L 4pin	Colour temperature	Dulux-L	PL-L	Lynx L & Lynx-LE
18W	F18BX/827	2700	DULUX L 18W/827	PL-L 18W/827/4P	Lynx L 18W/827
	F18BX/830	3000	DULUX L 18W/830	PL-L 18W/830/4P	Lynx L 18W/830
	F18BX/835	3500	-	-	Lynx L 18W/835
	F18BX/840	4000	DULUX L 18W/840	PL-L 18W/840/4P	Lynx L 18W/840
24W	F24BX/827	2700	DULUX L 24W/827	PL-L 24W/827/4P	Lynx L 24W/827
	F24BX/830	3000	DULUX L 24W/830	PL-L 24W/830/4P	Lynx L 24W/830
	F24BX/835	3500	-	-	Lynx L 24W/835
	F24BX/840	4000	DULUX L 24W/840	PL-L 24W/840/4P	Lynx L 24W/840
34W	F34BX/830	3000	-	-	-
	F34BX/835	3500	-	-	-
	F34BX/840	4000	-	-	-
	F36BX/827	2700	DULUX L 36W/827	-	Lynx L 36W/827
36W	F36BX/830	3000	DULUX L 36W/830	-	Lynx L 36W/830
	F36BX/835	3500	-	-	Lynx L 36W/835
	F36BX/840	4000	DULUX L 36W/840	-	Lynx L 36W/840
	F40BX/830	3000	DULUX L 40W/830	-	Lynx LE 40W/830
40W	F40BX/835	3500	-	-	Lynx LE 40W/835
	F40BX/840	4000	DULUX L 40W/840	-	Lynx LE 40W/840
	F55BX/830	3000	DULUX L 55W/830	-	Lynx LE 55W/830
	F55BX/835	3500	-	-	Lynx LE 55W/835
	F55BX/840	4000	DULUX L 55W/840	PL-L 55W/840/4P	Lynx LE 55W/840
Biax™ 2D 2pin			PL-Q 2pin		
16W	F162D/827 GE 20PK WM	2700	CFL Square 16W/827	PLQ 16W/827/2P	-
	F162D/835 GE 20PK	3500	CFL Square 16W/835	PLQ 16W/835/2P	-
	F162D/860 GE 20PK	6000	-	-	-
28W	F282DT5/827/2P BL 1/20 WM	2700	CFL Square 16W/827	-	-
Biax™ 2D 4pin			PL-Q 4pin		
10W	OT F10W/2D/827/4P GE BL 1/20	2700	-	-	-
	OT F10W/2D/835/4P GE BL 1/20	3500	-	-	-
16W	F162D/827/4P GE 20PK	2700	CFL Square 16W/827	PLQ 16W/827/4P	-
	F162D/830/4P BL1/20 WM	3000	-	PLQ 16W/830/4P	-
	F162D/835/4P GE 20PK	3500	CFL Square 16W/835	PLQ 16W/835/4P	-
21W	F212D/827/4P GE 20PK	2700	-	-	-
	F212D/835/4P GE 20PK	3500	-	-	-
	F212D/860/4P GE 20PK	6000	-	-	-
28W	F282DT5/827/4P BL 1/20 WM	2700	CFL Square 28W/827	PLQ 28W/827/4P	-
	F282D/830/4P BL1/20 WM	3000	-	PLQ 28W/830/4P	-
	F282DT5/835/4P BL 1/20 WM	3500	CFL Square 28W/835	PLQ 28W/835/4P	-
38W	F282DT5/840/4P BL 1/20 WM	4000	-	PLQ 28W/840/4P	-
	F382DT5/827/4P BL 1/20 WM	2700	CFL Square 38W/827	PLQ 38W/827/4P	-
	F382D/830/4P BL1/20 WM	3000	-	PLQ 38W/830/4P	-
55W	F382DT5/835/4P BL 1/20 WM	3500	CFL Square 38W/835	PLQ 38W/835/4P	-
	F55 2D/827/A 4P BL20 MIH	2700	-	-	-
	F55 2D/835/A 4P BL20 MIH	3500	-	-	-
Biax™ 2D Integral					
18W	FLE18W2D/827 GRZ10D 1/10	2700	-	-	-
	FLE18W2D/830 GRZ10D 1/10	3000	-	-	-
	FLE18W2D/835 GRZ10D 1/10	3500	-	-	-
	FLE18W2D/840 GRZ10D 1/10	4000	-	-	-
30W	FLE30W2D/827 GRZ10T 1/10	2700	-	-	-
	FLE30W2D/835 GRZ10T 1/10	3500	-	-	-
	FLE30W2D/840 GRZ10T 1/10	4000	-	-	-