

Linear Fluorescent Lamp Guide

The energy efficient choice for every application



GE imagination at work

Linear fluorescent. Efficient and environmentally friendly.

Discover the advantages at a glance:

- Outstanding energy efficiency
- Long life
- Enhanced light quality
- Consistent light output throughout life
- Better light distribution, less shadow than point source lamps
- Instant on/off switching
- Dimming capability

So many solutions, so much choice:

Perfect for industrial and recreational lighting, the range covers:

- Linear pendants
- Linear excess wall washers
- Recess wall slots
- Cove lights
- Aisle lights

Maximum efficiency. Maximum compliance. Maximum benefits.

Our linear fluorescent lamps cover every kind of application and excel in long life, energy savings, low maintenance and colour rendering. Thanks to the superior quality of light and more vibrant colours, merchandise stands out and people look more natural. Architects, specifiers and facilities managers can now deliver better lighting with lower costs.

We look to the future

Our products are designed to comply with current standards, and anticipate forthcoming regulations.

Our double-coated Linear Fluorescent Lamps (LFLs) comply with all relevant European standards, including the 2010 'ecodesign' regulations (Commission Regulation (EC) No 245/2009 – ecodesign requirements applicable from 13 April 2010). Every product with Polylux™ or Starcoat™ coating technology in our LFL range, whether premium or regular, uses triphosphor elements not only to satisfy these standards but to exceed them.

As part of the GE commitment to energy efficiency and respect for the environment, we build efficiency into all aspects of our LFLs from manufacturing and distribution to day-to-day use. Mercury levels in our linear fluorescent lamps are below the permitted levels and we continue to push the boundaries in environmental compliance.

GE T8 Polylux XLR™ - Better in every way

More lifelike

Colours will be more vibrant, while people, merchandise and objects will look more natural.

Brighter

Your interiors will appear up to 18% brighter.

Greater sustainability

Our LFLs stay brighter, for longer. New lamps will match in almost perfectly.

Longer lasting

GE LFLs will last for up to twice as long with electronic gear, or up to 65% longer with conventional gear.

Better for the environment

GE LFLs have a low mercury content and recyclable components.

Watt	CCT [K]	T8 Standard*					T8 Polylux XLR™ – Replacement				
		Product Code	Description	CRI [Ra]	Rated Average Life on Standard Ballast (3-hr cycle) [h]	Initial Lumen (at 25°C) [lm]	Product Code	Description	CRI [Ra]	Rated Average Life on Electronic Ballast (3-hr cycle) [h]	Initial Lumen (at 25°C) [lm]
15	2940	29527	F15W/29	51	9,000	850	23248	F15W/T8/830/POLYLUX	85	20,000	1000
15	4040	29524	F15W/33	58	9,000	850	23249	F15W/T8/840/POLYLUX	85	20,000	1000
15	3450	29531	F15W/35	54	9,000	850	78133	F15W/T8/835/POLYLUX	85	20,000	1000
15	6400	29534	F15W/54	76	9,000	750	78131	F15W/T8/860/POLYLUX	85	20,000	900
18	2940	29546	F18W/29	51	9,000	1150	93319	F18W/T8/830/POLYLUX	85	20,000	1350
18	4040	35098	F18W/33	58	9,000	1150	93317	F18W/T8/840/POLYLUX	85	20,000	1350
18	3450	37139	F18W/35	54	9,000	1150	93311	F18W/T8/835/POLYLUX	85	20,000	1350
18	6400	34883	F18W/54	76	9,000	1050	12606	F18W/T8/860/POLYLUX	85	20,000	1300
30	2940	18145	F30W/29	51	9,000	2250	18141	F30W/T8/830/POLYLUX	85	20,000	2450
30	4040	18137	F30W/33	58	9,000	2175	18142	F30W/T8/840/POLYLUX	85	20,000	2450
30	3450	18147	F30W/35	54	9,000	2250	78132	F30W/T8/835/POLYLUX	85	20,000	2450
30	6400	18146	F30W/54	76	9,000	1900	12607	F30W/T8/860/POLYLUX	85	20,000	2300
36	2850	29565	F36W/29	51	9,000	2850	18192	F36W/T8/830/POLYLUX	85	20,000	3350
36	4040	35099	F36W/33	58	9,000	2850	16856	F36W/T8/840/POLYLUX	85	20,000	3350
36	4040	92518	F36W-1M/33	58	9,000	2600	23262	F36W-1M/T8/840/POLYLUX	85	20,000	3350
36	3450	37734	F36W/35	54	9,000	2850	19991	F36W/T8/835/POLYLUX	85	20,000	3350
36	6400	34886	F36W/54	76	9,000	2500	12942	F36W/T8/860/POLYLUX	85	20,000	3250
58	2940	29571	F58W/29	51	9,000	4600	93334	F58W/T8/830/POLYLUX	85	20,000	5200
58	4040	29570	F58W/33	58	9,000	4600	93333	F58W/T8/840/POLYLUX	85	20,000	5200
58	3450	37627	F58W/35	54	9,000	4600	93331	F58W/T8/835/POLYLUX	85	20,000	5200
58	6400	29580	F58W/54	76	9,000	4000	12943	F58W/T8/860/POLYLUX	85	20,000	5000
70	4040	40679	F70W/33	58	9,000	5450	42793	F70W/T8/840/POLYLUX	85	20,000	6300
70	3450	40683	F70W/35	54	9,000	5550	42792	F70W/T8/835/POLYLUX	85	20,000	6300

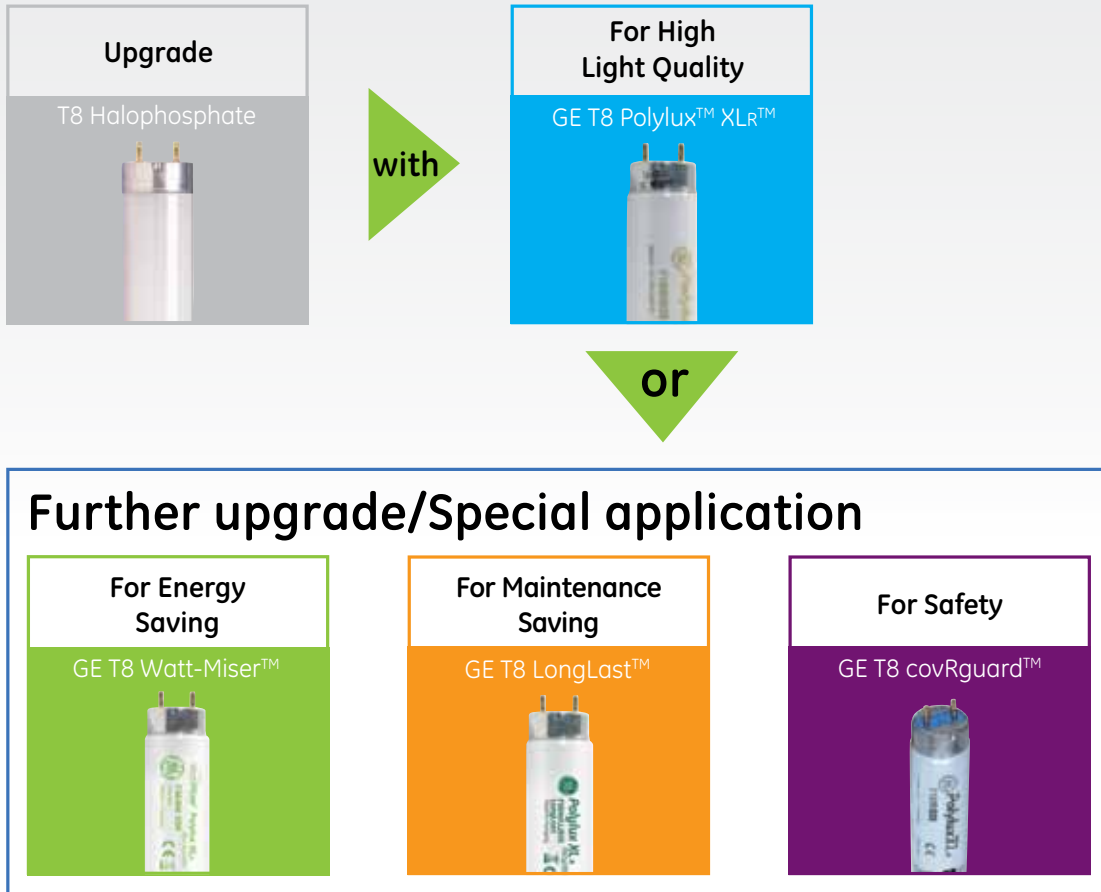
*Phased out in EU

Upgrading is easy

T8 Upgrade options

T8 upgrade = lamp upgrade

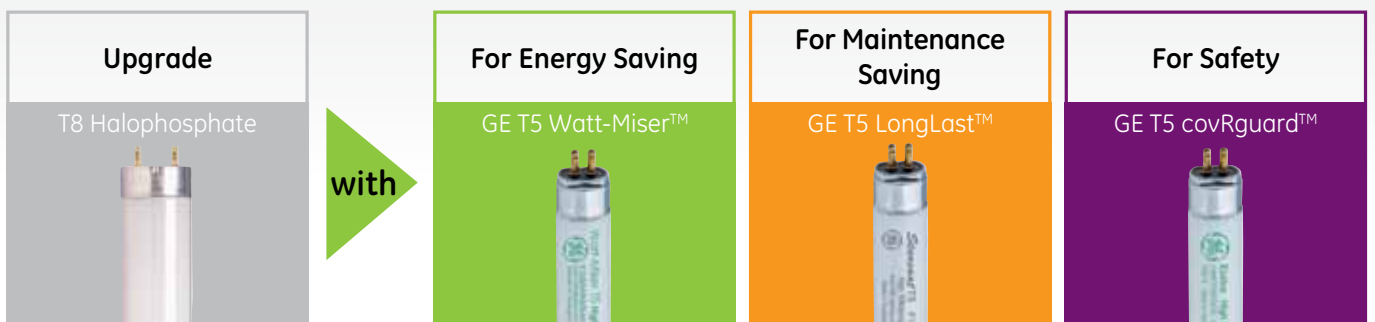
- They are direct retrofit replacements, no new ballast or fitting required



T5 Upgrade options

T5 upgrade = system upgrade for the best efficiency (new lamp, ballast and luminaire required)

- T5 are 40% thinner than T8
- When compared to T8 systems, the T5 system (lamp, ballast and luminaire) consumes up to 45% less energy



Light quality and quantity for all.

Get it right, whatever the application

GE Lighting offers a comprehensive range of solutions to deliver the quality and quantity of light that different applications demand. WattMiser™, with its excellent quality light and low energy costs is ideal for auditoriums and libraries, and for showing merchandise at its very best. Shatter-resistant covRguard™ provides peace of mind for restaurants, supermarkets and sports areas. And LongLast™ creates the perfect ambience in restaurants with a long life, low maintenance option for storage rooms and pools.

Visit our new microsite at www.gelighting.com/eu/lfl to plan your requirements and choose the right lamps. It features all this and more:

- Energy saving calculators – discover what the T8 and T5 Watt-Miser™ will save you
- Video: see examples of applications in real use
- Literature: download all the LFL data sheets and brochures you need



www.gelighting.com/eu/lfl



There's never been a better way to save costs and energy.

T8 Watt-Miser™

Save energy costs and cut CO₂ emissions with a simple change of tube, thanks to the T8 Watt-Miser™. It's ideal for any T8 indoor application from a single fitting to large-scale installations such as offices, retail outlets, supermarkets, schools and public buildings.

You could save up to 10% on running costs, with rapid payback times typically less than a year – that's faster than many other products on the market today.

Our commitment is to help save the environment: the T8 Watt-Miser™ also means fewer carbon emissions.



Look at the savings and benefits:

- Consumes up to 10% less energy than T8 lamps
- Uses existing fittings and control gear – reduced energy consumption with current controlled ballasts, additional light with constant power ballasts
- Excellent colour quality – Ra 85
- Exceptional lumen maintenance
- Product life 23,000 hours on 12 hour cycle on electronic ballast
- Significantly reduced CO₂ emission (0.5kg/kWh)
- Typical payback in less than a year



Energy-saving example: 32W

Annual savings from a typical installation of 1,000 lamps used for 4,000 hours a year with energy costs of 0.1 €/kW

	16W	32W	51W
Standard T8 power at 25°C (W/lamp)	18	36	58
T8 Watt-Miser™ power at 25°C (W/lamp)	16	32	51
Standard T8 annual energy (kWh)	72,000	144,000	232,000
T8 Watt-Miser™ annual energy (kWh)	64,000	128,000	204,000
Annual energy saving (kWh/lamp)	8,000	16,000	28,000
Annual energy cost saving (€)	800	1600	2800
Annual replacement cost saving (€)	356	356	356
CO₂ saved in a year (tonnes)*	3.4	6.9	12

*CO₂ emissions per kWh 0.43kg which can vary by country. Best results are achieved with lamp, ballast and fitting at optimum temperature.



T8 Watt-Miser™, G13 Cap

Actual Wattage [W]	Nominal Wattage [W]	Length [mm]	Colour type	CCT [K]	CRI [Ra]	Rated Av. life 12hr cycle on standard ballast [h]	Rated Av. life 12hr cycle on electronic ballast [h]	Initial lumens at 30°C [lm]	EEC	Product Description	Product Code
16	18	604	Warm White	2940	85	18,000	23,000	1320	A	FT8/16W/830/GE/WM/SL1/25	73605
16	18	604	Cool White	4040	85	18,000	23,000	1320	A	FT8/16W/840/GE/WM/SL1/25	73607
16	18	604	Daylight	6400	85	18,000	23,000	1250	A	FT8/16W/860/GE/WM/SL1/25	73608
32	36	1,213.6	Warm White	2940	85	18,000	23,000	2925	A	FT8/32W/830/GE/WM/SL1/25	96748
32	36	1,213.6	Cool White	4040	85	18,000	23,000	2925	A	FT8/32W/840/GE/WM/SL1/25	96750
32	36	1,213.6	Daylight	6400	85	18,000	23,000	2765	A	FT8/32W/860/GE/WM/SL1/25	96747
51	58	1,514.2	Warm White	2940	85	18,000	23,000	4600	A	FT8/51W/830/GE/WM/SL1/25	73609
51	58	1,514.2	Cool White	4040	85	18,000	23,000	4600	A	FT8/51W/840/GE/WM/SL1/25	73611
51	58	1,514.2	Daylight	6400	85	18,000	23,000	4420	A	FT8/51W/860/GE/WM/SL1/25	73613

Superior energy savings. Superior lumen performance.

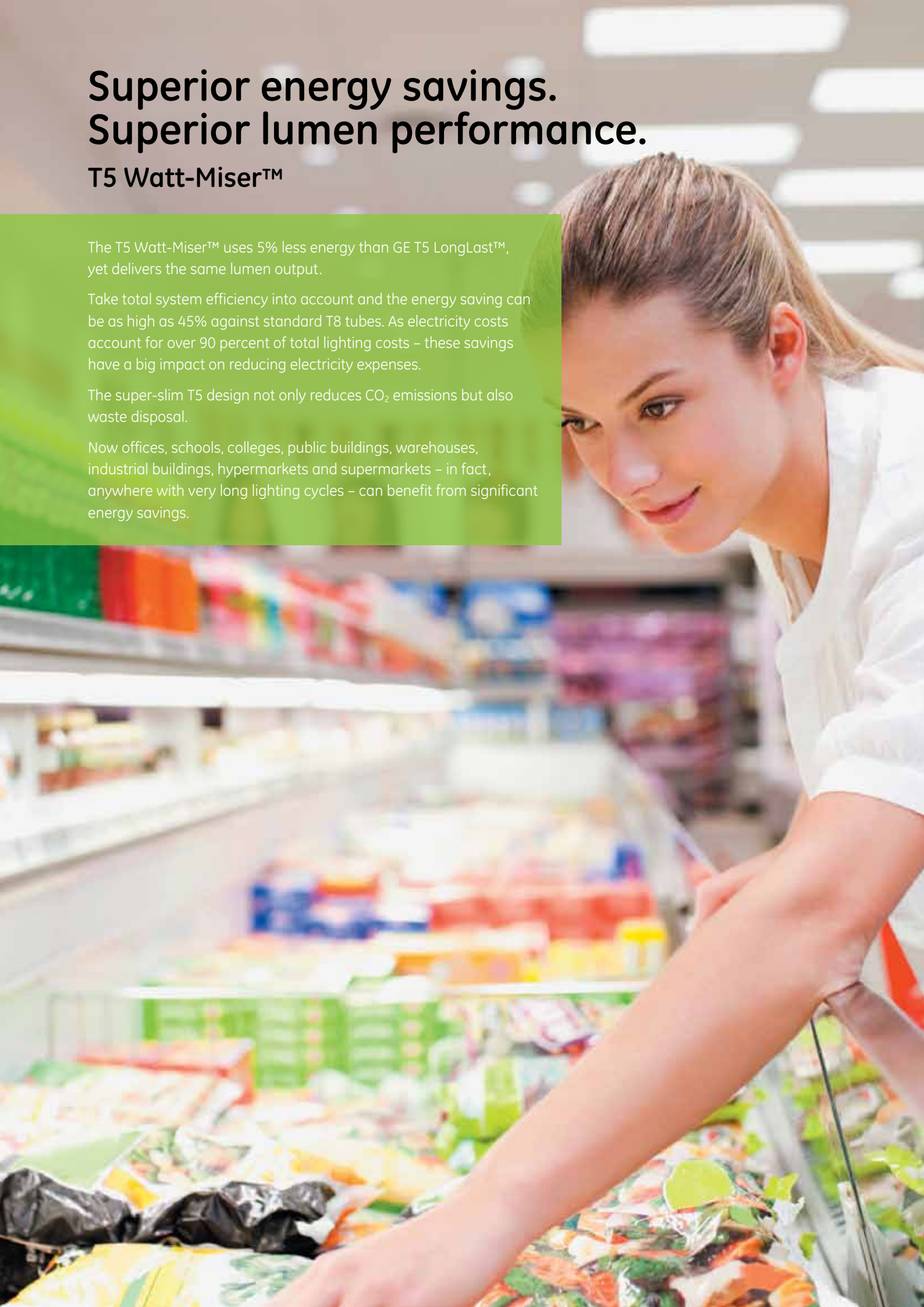
T5 Watt-Miser™

The T5 Watt-Miser™ uses 5% less energy than GE T5 LongLast™, yet delivers the same lumen output.

Take total system efficiency into account and the energy saving can be as high as 45% against standard T8 tubes. As electricity costs account for over 90 percent of total lighting costs – these savings have a big impact on reducing electricity expenses.

The super-slim T5 design not only reduces CO₂ emissions but also waste disposal.

Now offices, schools, colleges, public buildings, warehouses, industrial buildings, hypermarkets and supermarkets – in fact, anywhere with very long lighting cycles – can benefit from significant energy savings.



Look at the savings and benefits:

- 5% extra energy saving with **existing fittings and control gear** – reduced energy consumption with current controlled ballasts, additional light with constant power ballasts
- Reduced CO₂ and other greenhouse gas emissions
- **No loss of light output**
- **Excellent** lumen maintenance
- Low mercury content
- ROHS compliant. **Contains recyclable components**
- **Typical payback in less than a year**



How much can be saved?

Annual Savings from a typical installation of 1,000 lamps used for 4,000 hours a year and energy costs of 0.1 €/kWh

	24W	49W	54W	80W
T5 power at 35°C (W/lamp)	22.5	49.3	53.8	80.0
T5 Watt-Miser™ power at 35°C (W/lamp)	21.4	46.8	51.1	76.0
T5 annual energy (kWh)	90,000	197,000	215,000	320,000
T5 Watt-Miser™ annual energy (kWh)	86,000	187,000	204,000	304,000
Annual energy savings (kWh)	5,000	10,000	11,000	16,000
Annual energy cost savings (€)	€ 450	€ 986	€ 1,076	€ 1,600
CO₂ saved in a year (tonnes)*	1.9	4.2	4.6	6.9

*conversion factor 0.42/kWh (Eco-Invent database) UK – could change with region



T5 Watt-Miser™ High Efficiency, G5 Cap

Actual Wattage [W]	Nominal Wattage [W]	Length [mm]	Colour type	CCT [K]	CRI [Ra]	Rated Av. Life at 12-hr cycle [h]	Initial lumens at 30°C [lm]	EEC	Product Description	Product Code
13	14	549	Warm White	2940	85	30,000	1350	A	FT5/14W/830/GE/W/M/SL1/30	79418
13	14	549	Cool White	4040	85	30,000	1350	A	FT5/14W/840/GE/W/M/SL1/30	61080
19.7	21	849	Cool White	4040	85	30,000	2100	A	FT5/21W/840/GE/W/M/SL1/30	61079
26.4	28	1,149	Cool White	4040	85	30,000	2900	A	FT5/28W/840/GE/W/M/SL1/30	61078
33	35	1,449	Warm White	2940	85	30,000	3650	A	FT5/35W/830/GE/W/M/SL1/30	79417
33	35	1,449	Cool White	4040	85	30,000	3650	A	FT5/35W/840/GE/W/M/SL1/30	61077

T5 Watt-Miser™ High Output, G5 Cap

Actual Wattage [W]	Nominal Wattage [W]	Length [mm]	Colour type	CCT [K]	CRI [Ra]	Rated Av. Life at 12-hr cycle [h]	Initial lumens at 30°C [lm]	EEC	Product Description	Product Code
21.4	24	549	Cool White	4040	85	30,000	2000	A	FT5/24W/840/GE/W/M/SL1/30	61076
36.1	39	849	Cool White	4040	85	30,000	3500	A	FT5/39W/840/GE/W/M/SL1/30	61075
46.8	49	1,449	Cool White	4040	85	30,000	4900	A	FT5/49W/840/GE/W/M/SL1/30	61073
51.1	54	1,149	Cool White	4040	85	30,000	4800	A	FT5/54W/840/GE/W/M/SL1/30	61074
76	80	1,449	Cool White	4040	85	30,000	7000	A	FT5/80W/840/GE/W/M/SL1/30	61072

Higher performance and reliability. Lower costs.



T8 LongLast™



Performance doesn't get much better than this – T8 LongLast™ LFLs are in a league of their own with up to 46,000 hours of operating life.

The result? Superior, longer-lasting lighting with extended operating performance, improved energy efficiency and lower overall maintenance costs. T8 LongLast™ provide the perfect answer for lamps in hard-to-reach areas, with longer service intervals yet sustained lumen performance.

Use with existing control gears and fixtures to reduce the total cost of ownership as well as the environmental footprint of a building. Ideal for stores, warehouses, factories and other large industrial sites as well as public buildings and spaces.

Look at the savings and benefits:

- Very long and reliable product life up to 46,000 hours on 12-hour burning cycle (electronic ballast)
- Superior service life up to 34,000 hours on 12-hour burning cycle (electronic ballast)
- Ideal for group replacements
- Best of class light output – same as for original T8 Polylux™ XLRT™
- Excellent lumen maintenance
- Outstanding colour rendering using advanced Polylux™ XLRT™ coating technology
- Environmentally friendly – RoHS compliant. Contains recyclable components
- Can be used on existing control gears and fixtures – compatible with both standard and electronic gears



T8 LongLast™, G13 Cap

Wattage [W]	Length [mm]	Colour type	CCT [K]	CRI [Ra]	Rated Av. Life on standard ballast 12-hr cycle [h]	Service Life on standard ballast 12-hr cycle [h]	Rated Av. Life on electronic ballast 12-hr cycle [h]	Service Life on electronic ballast 12-hr cycle [h]	Initial Lumen at 25°C [lm]	EEC	Product Description	Product Code
18	604	Warm White	2940	85	36,000	26,500	46,000	34,000	1,350	A	FT8/18W/830/GE/LL/SL1/25	70980
18	604	Cool White	4040	85	36,000	26,500	46,000	34,000	1,350	A	FT8/18W/840/GE/LL/SL1/25	70981
36	1,213.6	Warm White	2940	85	36,000	26,500	46,000	34,000	3,350	A	FT8/36W/830/GE/LL/SL1/25	43508
36	1,213.6	Cool White	4040	85	36,000	26,500	46,000	34,000	3,350	A	FT8/36W/840/GE/LL/SL1/25	43509
58	1,514.2	Warm White	2940	85	36,000	26,500	46,000	34,000	5,200	A	FT8/58W/830/GE/LL/SL1/25	43510
58	1,514.2	Cool White	4040	85	36,000	26,500	46,000	34,000	5,200	A	FT8/58W/840/GE/LL/SL1/25	43511
70	1778	Cool White	4040	85	36,000	26,500	46,000	34,000	6,300	A	FT8/70W/840/GE/LL/SL1/25	43514

Greater efficiency and output. Greater value.

T5LongLast™

T5 LongLast™

With up to 36,000 hours of operating life, T5 LongLast™ LFLs offer the perfect way to upgrade current lighting within a tight budget – especially in areas where re-lamping is difficult or requires special equipment.

The T5 LongLast™ range is the perfect blend of value and performance. It's designed to deliver longer life with uncompromised performance versus other lamps on the market, with sustained output levels and high-quality illumination.

The lamps are suitable for all stores, warehouses, factories and other large industrial sites as well as public buildings and spaces.



Look at the savings and benefits:

- Cut maintenance requirements: 20% longer life means fewer changes
- Excellent light output – equal to or better than standard T5s
- Excellent lumen maintenance
- Low mercury content
- Environmentally friendly – reduces WEEE costs. RoHS compliant. Contains recyclable components

T5 LongLast™ High Efficiency, G5 Cap

Wattage [W]	Length [mm]	Colour type	CCT [K]	CRI [Ra]	Rated Av. Life 12-hr cycle [h]	Initial Lumen at 35°C [lm]	EEC	Product Description	Product Code
14	549	Extra Warm White	2700	85	36,000	1350	A	FT5/14W/827/GE/SL1/30	61086
14	549	Warm White	3000	85	36,000	1350	A	FT5/14W/830/GE/SL1/30	61087
14	549	White	3500	85	36,000	1350	A	FT5/14W/835/GE/SL1/30	61090
14	549	Cool White	4000	85	36,000	1350	A	FT5/14W/840/GE/SL1/30	61091
14	549	Daylight	6500	85	36,000	1250	A	FT5/14W/865/GE/SL1/30	61088
21	849	Extra Warm White	2700	85	36,000	2100	A	FT5/21W/827/GE/SL1/30	61089
21	849	Warm White	3000	85	36,000	2100	A	FT5/21W/830/GE/SL1/30	61092
21	849	Cool White	4000	85	36,000	2100	A	FT5/21W/840/GE/SL1/30	61093
21	849	Daylight	6500	85	36,000	1950	A	FT5/21W/865/GE/SL1/30	61094
28	1,149	Extra Warm White	2700	85	36,000	2900	A	FT5/28W/827/GE/SL1/30	61095
28	1,149	Warm White	3000	85	36,000	2900	A	FT5/28W/830/GE/SL1/30	61096
28	1,149	Cool White	4000	85	36,000	2900	A	FT5/28W/840/GE/SL1/30	61102
28	1,149	Daylight	6500	85	36,000	2700	A	FT5/28W/865/GE/SL1/30	61098
35	1,449	Extra Warm White	2700	85	36,000	3650	A	FT5/35W/827/GE/SL1/30	61099
35	1,449	Warm White	3000	85	36,000	3650	A	FT5/35W/830/GE/SL1/30	61100
35	1,449	White	3500	85	36,000	3650	A	FT5/35W/835/GE/SL1/30	61101
35	1,449	Cool White	4000	85	36,000	3650	A	FT5/35W/840/GE/SL1/30	61103
35	1,449	Daylight	6500	85	36,000	3400	A	FT5/35W/865/GE/SL1/30	61104



T5 LongLast™ High Output, G5 Cap

Wattage [W]	Length [mm]	Colour type	CCT [K]	CRI [Ra]	Rated Av. Life 12-hr cycle [h]	Initial Lumen at 35°C [lm]	EEC	Product Description	Product Code
24	549	Warm White	3000	85	36,000	2000	A	FT5/24W/830/GE/SL1/30	61105
24	549	White	3500	85	36,000	2000	A	FT5/24W/835/GE/SL1/30	61106
24	549	Cool White	4000	85	36,000	2000	A	FT5/24W/840/GE/SL1/30	61097
24	549	Daylight	6500	85	36,000	1900	A	FT5/24W/865/GE/SL1/30	61107
39	849	Warm White	3000	85	36,000	3500	A	FT5/39W/830/GE/SL1/30	61108
39	849	Cool White	4000	85	36,000	3500	A	FT5/39W/840/GE/SL1/30	61109
49	1,449	Warm White	3000	85	36,000	4900	A	FT5/49W/830/GE/SL1/30	61119
49	1,449	White	3500	85	36,000	4900	A	FT5/49W/835/GE/SL1/30	61121
49	1,449	Cool White	4000	85	36,000	4900	A	FT5/49W/840/GE/SL1/30	61122
49	1,449	Daylight	6500	85	36,000	4650	A	FT5/49W/865/GE/SL1/30	78707
54	1,149	Warm White	3000	85	36,000	5000	A	FT5/54W/830/GE/SL1/30	61110
54	1,149	Cool White	4000	85	36,000	5000	A	FT5/54W/840/GE/SL1/30	61111
54	1,149	Daylight	6500	85	36,000	4750	A	FT5/54W/865/GE/SL1/30	61118
80	1,449	Warm White	3000	85	36,000	7000	A	FT5/80W/830/GE/SL1/30	78708
80	1,449	Cool White	4000	85	36,000	7000	A	FT5/80W/840/GE/SL1/30	78709

Protect your customers and your reputation.

covRguard™ shatter protection

Imagine the dangers caused by a broken tube in food preparation areas or interiors with public access. Shards of glass could cause damage or injury – and even expose your business to litigation. Why take risks?

covRguard™ protects both employees and the public, and helps managers comply with legislation and due diligence requirements. It comprises a protective outer sleeve that's fitted to our T5* and T8 linear fluorescent lamps, containing glass and phosphors in the event of breakage. covRguard™ is UV stable and will not affect lumen output in normal usage.

*New T5 covRguard range will be introduced soon

T8 covRguard™ benefits:

- Safety protection against accidental damage
- Designed for kitchens, pools, gyms, supermarkets etc.
- 20,000 hrs / 3-hour cycle (with electronic gear)



T8 covRguard™, Cap G13

Wattage [W]	Length [mm]	Colour type	CCT [K]	CRI [Ra]	Rated Av. Life 3-hr cycle [h]	Initial Lumen at 35°C [lm]	EEC	Product Description	Product Code
18	604	White	3400	85	15,000	1300	A	FT8/18W/835/GE/CVG	17204
18	604	Cool White	4040	85	15,000	1300	A	FT8/18W/840/GE/CVG	17204
36	1,213.6	White	3400	85	15,000	3250	A	FT8/36W/835/GE/CVG	17202
36	1,213.6	Cool White	4040	85	15,000	3250	A	FT8/36W/840/GE/CVG	17209
58	1,514.2	White	3400	85	15,000	5050	A	FT8/58W/835/GE/CVG	12405
58	1,514.2	Cool White	4040	85	15,000	5050	A	FT8/58W/840/GE/CVG	12407
70	1778	Cool White	4040	85	15,000	6100	A	FT8/70W/840/GE/CVG	12424

Mini size. Maxi impact.

T5 Miniature Lamps

T5 Miniature fluorescent lamps are designed for confined spaces in household and industrial settings. These lamps are widely used in different applications such as furniture cabinets and mobile homes as well as sign illumination. T5 Miniature lamps are perfectly suited for use in maintained and non-maintained emergency modules and escape signs.

GE T5 Miniature Standard lamps offer you an economic solution for general application areas, while the PolyLux™ types are ideal for all kinds of application areas where quality of light is an important factor.



T5 Miniature – Triphosphor, Cap G5

Actual Wattage [W]	Length [mm]	CCT [K]	CRI [Ra]	Rated Average Life (3-hr cycle) [h]	Initial Lumen (at 25°C) [lm]	EEC	Product Description	Product Code
8	302.5	2700	80+	5,000	460	B	F8W/T5/827/IND	37008
8	302.5	4000	80+	5,000	460	B	F8W/T5/840/IND	37009
13	531.1	2700	80+	5,000	1000	B	F13W/T5/827/SL	39447

T5 Miniature – Standard

Actual Wattage [W]	Length [mm]	CCT [K]	CRI [Ra]	Rated Average Life (3-hr cycle) [h]	Initial Lumen (at 25°C) [lm]	EEC	Product Description	Product Code
4	150.1	3450	54	5,000	130	B	F4W/T5/35/SL	39446
4	150.1	4040	58	5,000	130	B	F4W/T5/33/SL	39441
6	226.3	3450	54	5,000	260	B	F6W/T5/35/SL	39442
6	226.3	4040	58	5,000	260	B	F6W/T5/33/SL	39445
8	302.5	2940	51	5,000	385	B	F8W/T5/29/SL	37754
8	302.5	3450	54	5,000	385	B	F8W/T5/35/SL	37756
8	302.5	4040	58	5,000	385	B	F8W/T5/33/SL	37755
13	531.1	2940	51	5,000	850	B	F13W/T5/29/SL	39437
13	531.1	3450	54	5,000	850	B	F13W/T5/35/SL	39439
13	531.1	4040	58	5,000	800	B	F13W/T5/33/SL	39440

T5 Miniature Specfill™

GE's T5 Miniature Specfill™ lamps are specially designed for emergency operation, and are a perfect fit and premium solution in any other T5 Miniature application. The robust cathode design of this lamp ensures very good reliability at low operating power in emergency mode. It also extends the lifetime in normal operation to 8,000 hours.

T5 Miniature – Specfill Triphosphor – Emergency Lighting, Cap G5

Actual Wattage [W]	Length [mm]	CCT [K]	CRI [Ra]	Rated Average Life (3-hr cycle)[h]	Initial Lumen (at 25°C) [lm]	EEC	Product Description	Product Code
6	225	4000	80+	8,000	300	B	F6W/T5/840/SPECFILL/IND	40327
8	302.5	4000	80+	8,000	460	B	F8W/T5/840/SPECFILL/IND	40331
8	302.5	6500	80+	8,000	430	B	F8W/T5/865/SPECFILL/IND	45034

T5 Miniature – Specfill Standard – Emergency Lighting, Cap G5

Actual Wattage [W]	Length [mm]	CCT [K]	CRI [Ra]	Rated Average Life (3-hr cycle)[h]	Initial Lumen (at 25°C) [lm]	EEC	Product Description	Product Code
6	225	4040	58	8,000	260	B	F6W/T5/33/SPECFILL/IND	40307
8	302.5	3450	54	8,000	395	B	F8W/T5/35/SPECFILL/SL	27027
8	302.5	3450	54	8,000	395	B	F8W/35/T5/SPECFILL/IND	91451
8	302.5	4040	58	8,000	395	B	F8W/T5/33/SPECFILL/SL	27011
8	302.5	4040	58	8,000	395	B	F8W/T5/33/SPECFILL/IND	91450



The ideal answer for decorative and architectural lighting.

T5 CirLine



Discover the advantages at a glance:

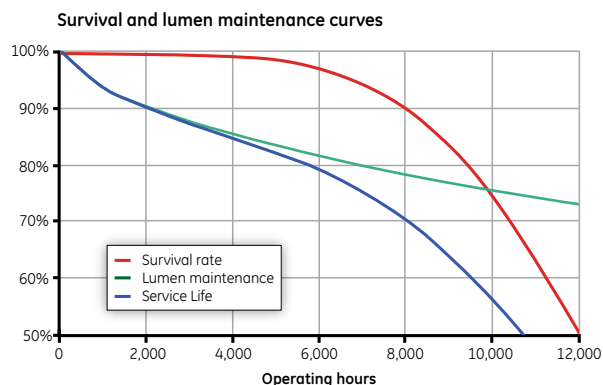
- Circular shape with 16mm bulb diameter
- 2GX13 base
- Up to 83 lm/W lamp efficiency
- Low mercury content
- Operated with electronic ballasts
- Suitable for recessed, pendant and wall-mounted fixtures

Look at the savings and benefits:

- Slim tube, which enables recessed fixtures to be 45% thinner than T9 CirLine systems
- Three-band phosphor coating provides excellent colour quality – CRI 82
- Excellent lamp efficiency – up to 87% more light than T9 CirLine lamps
- Longer life than T9 CirLine Lamps – 12,000hrs rated average life
- Dimmable

A popular alternative to conventional strip lighting, T5 CirLine circular lamps are a great complement to our energy-saving range. This ring-shaped fluorescent lamp enables the use of eye-catching slender and shallow ceiling and wall-mounted fixtures. Lighting designers love the unique shape of this product, together with its high efficiency, excellent colour quality and the way it creates light without shadows.

Ideal for offices, retail, hotels, restaurants and in the home.



T5 CirLine, cap 2GX13

Wattage [W]	Diameter [mm]	Colour Type	CCT [K]	CRI [Ra]	Rated Average Life (3 hrs cycle) [h]	Initial Lumen (at 25°C) [lm]	EEC	Product Description	Product Code
22	230	Warm White	3000	82	12,000	1900	A	OT FC22W/T5/830 HB 1/10	75709
22	230	Cool White	4000	82	12,000	1900	A	OT FC22W/T5/840 HB 1/10	75720
40	305	Warm White	3000	82	12,000	3300	A	OT FC40W/T5/830 HB 1/10	75712
40	305	Cool White	4000	82	12,000	3300	A	OT FC40W/T5/840 HB 1/10	75713
55	305	Warm White	3000	82	12,000	4200	B	OT FC55W/T5/830 HB 1/10	75717
55	305	Cool White	4000	82	12,000	4200	B	OT FC55W/T5/840 HB 1/10	75718

On and on and on.

Fluorescent starters

GE's environmentally friendly, premium quality glow switch starters are designed to reliably ignite fluorescent lamps coupled with conventional electromagnetic gears.

These starters are also recommended for use with GE T8 LongLast lamps due to their improved durability, ensuring safe operation over an extended period.



Look at the savings and benefits:

- Lead free glass component
- Radioactive free design
- Outstanding reliability – up to 10,000 switches
- Flame-retardant plastic canister for safety
- Brass pins for good electrical contact throughout life
- Reliable operation in a wide ambient temperature range
- ENEC-certified

Starters

Fluorescent Lamp Wattages														Product designation	Product Code
4/6/8W	10/13W	15/16W	18/20W	22W	30/32W	38W	36/40W	58/65/80W	70W	75W	85W	100/115W	125/140W		
Single operation on 220-240V															
✓	✓	✓	✓	✓	✓	✓	✓	✓						155/500	36536
									✓	✓	✓	✓	✓	155/800	37864
									✓	✓	✓	✓		155/801	37975
Series operation on 220-240V / Single operation on 110-120V															
✓		✓	✓	✓										155/200	36711

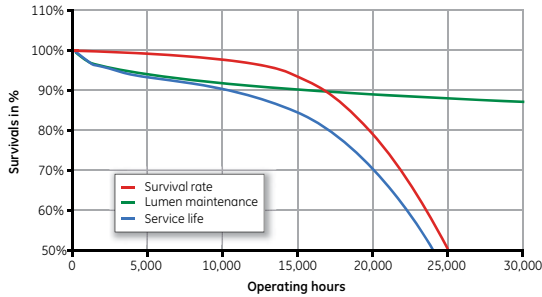
Packed in 25/250 boxes, but also available in bulk pack



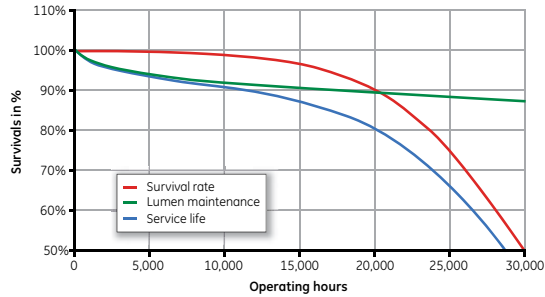
Survival, lumen maintenance and service life curves for T5 and T8 lamps

T5 Watt-Miser™

On 3-hour switching cycle, electronic ballast

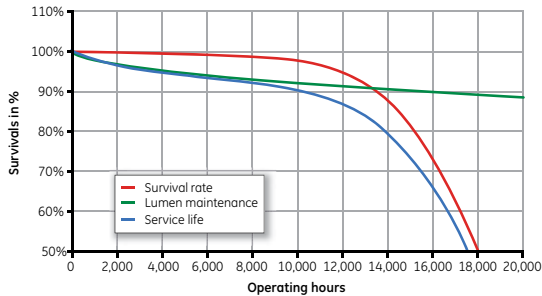


On 12-hour switching cycle, electronic ballast

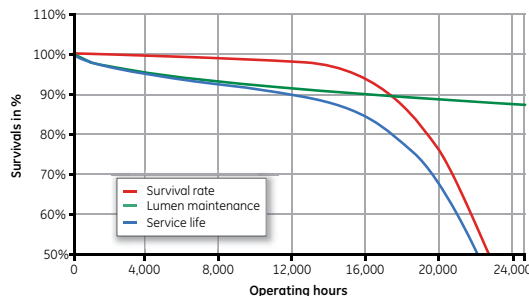


T8 Watt-Miser™

On 12-hour switching cycle, standard ballast

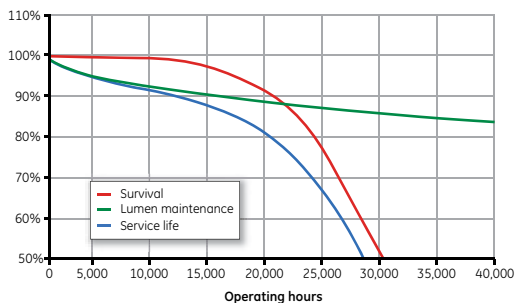


On 12-hour switching cycle, electronic ballast

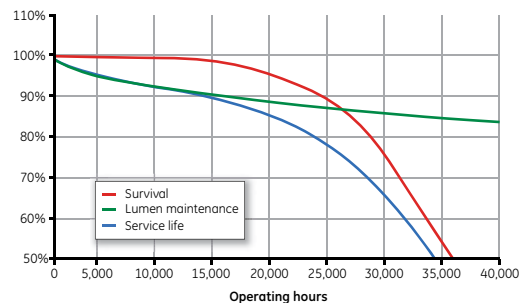


T5 LongLast™

On 3-hour switching cycle, electronic ballast

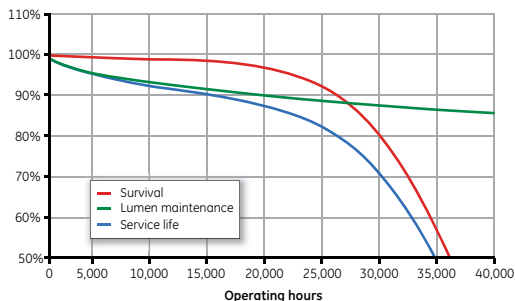


On 12-hour switching cycle, electronic ballast

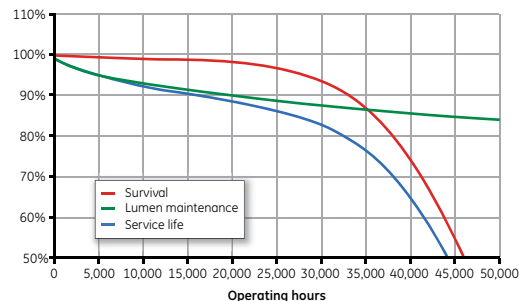


T8 LongLast™

On 12-hour switching cycle, standard ballast



On 12-hour switching cycle, electronic ballast



Service life curve is defined as the product of the survival rate and the lumen maintenance. The rated value is at 80%.

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