



# Polylux XLR™

Triphosphor fluorescent tubes



GE imagination at work

# Switch to Polylux XLR™ lamps for enhanced performance!

Improved Polylux XLR™ for cost-efficiency, energy-saving and a better quality of light.

## Good lighting brings you many benefits:

- Energy efficiency up to 93 lm/W
- Extra long life 20,000 hours\*
- High performance, excellent colour rendering and superior lumen maintenance



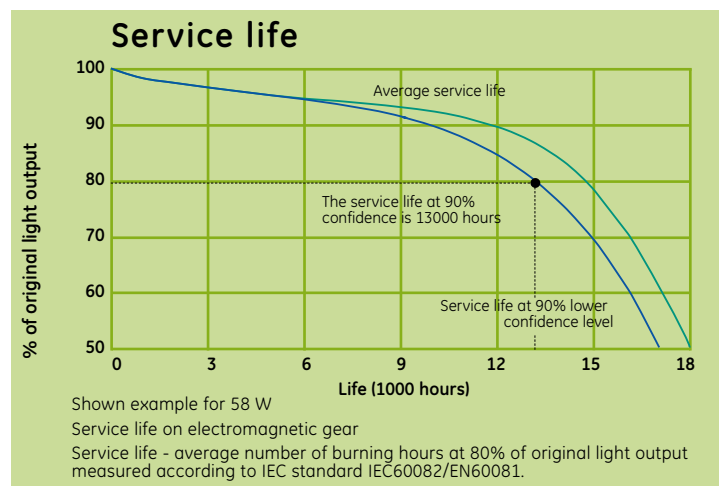
## Less lamps - more light

GE Polylux XLR™ lamps with excellent lumen output, energy efficiency up to 93lm/Watt:

	Standard T8	Lm/W	Polylux XLR™	Lm/W
18 W	1150	63	1350	<b>75</b>
36 W	2850	79	3350	<b>93</b>
58 W	4600	79	5200	<b>90</b>

- Up to 18% more light
- Fewer lamps are required to achieve the same illumination level

- Superior service life 13,000 hours on 3 hours burning cycle! Excellent lumen maintenance and precise mercury dosing system push early failure level down to a minimum.
- Extended relamping cycles
- Increased performance reliability between relamping cycle
- Less waste over time - lamp disposal and packaging



\*15,000 hours life on conventional gear - Average rated life to 50% survival based on 3 hours switching cycle in accordance with International Standard IEC60082/EN60081.



# GE's environment conscious approach

For safer lamp disposal GE has invested heavily in reducing mercury content across all of its fluorescent lamp range:

- Mercury content is less than 5 mg
- Below any existing or proposed European legislation on dose level

All lamp components can be recycled at the end of life.

Blue cap for easy identification of old and new lamps when replacing the old tubes into the Take Care System™ box.

## Re-usable packaging means

GE's Take Care System™

- No extra packaging requirements
- Less risk of pollution or injury due to breakage
- Easier handling and transportation for lamps to be recycled or disposed of



### COLOUR CHOICE

GE Polylux XLR™ is available in a comprehensive choice of colours from very warm light to very cool light, to create the desired ambience.



#### Colour 827 (Extra Warm)

- Restaurants
- Hotels
- Theatre Foyers



#### Colour 830 (Warm White)

- Retail
- Schools, gyms
- Reception Areas

#### Colour 835 (White)

- General Commercial / Industrial

#### Colour 840 (Cool White)

- Offices
- Sport Halls
- Hospitals
- Fast Moving Retail

#### Colour 860 (Daylight)

- Display/Galleries
- Specialist Industries (e.g. Textiles, Printing)



# T8 Polylux XLR™ - Reduced mercury and recyclable

Watt	Length Ft	Length mm	Product Description	Product Type	CCT K	CRI Ra	Rated Average Life Hours	Initial lumens	Pack Qty	EE Class	Product Code
<b>T8 (ø26mm - 1")</b>											
18	2ft	600	<b>F18W/827</b>	Polylux XLR 827	2700	85	15000	1350	25	A	<b>93315</b>
			<b>F18W/830</b>	Polylux XLR 830	2950	85	15000	1350	25	A	<b>93319</b>
			<b>F18W/835</b>	Polylux XLR 835	3400	85	15000	1350	25	A	<b>93311</b>
			<b>F18W/840</b>	Polylux XLR 840	4000	85	15000	1350	25	A	<b>93317</b>
			<b>F18W/860</b>	Polylux XLR 860	6500	85	15000	1300	25	A	<b>12606</b>
30	3ft	900	<b>F30W/827</b>	Polylux XLR 827	2700	85	15000	2450	25	A	<b>18138</b>
			<b>F30W/830</b>	Polylux XLR 830	2950	85	15000	2450	25	A	<b>18141</b>
			<b>F30W/840</b>	Polylux XLR 840	4000	85	15000	2450	25	A	<b>18142</b>
36	4ft	1200	<b>F36W/827</b>	Polylux XLR 827	2700	85	15000	3350	25	A	<b>19977</b>
			<b>F36W/830</b>	Polylux XLR 830	2950	85	15000	3350	25	A	<b>18192</b>
			<b>F36W/835</b>	Polylux XLR 835	3400	85	15000	3350	25	A	<b>19991</b>
			<b>F36W/840</b>	Polylux XLR 840	4000	85	15000	3350	25	A	<b>16856</b>
			<b>F36W/860</b>	Polylux XLR 860	6500	85	15000	3250	25	A	<b>12608</b>
58	5ft	1500	<b>F58W/827</b>	Polylux XLR 827	2700	85	15000	5200	25	A	<b>37557</b>
			<b>F58W/830</b>	Polylux XLR 830	2950	85	15000	5200	25	A	<b>37558</b>
			<b>F58W/835</b>	Polylux XLR 835	3400	85	15000	5200	25	A	<b>37615</b>
			<b>F58W/840</b>	Polylux XLR 840	4000	85	15000	5200	25	A	<b>37559</b>
			<b>F58W/860</b>	Polylux XLR 860	6500	85	15000	5000	25	A	<b>12609</b>
70	6ft	1800	<b>F70W/830</b>	Polylux XLR 830	2950	85	15000	6300	25	A	<b>39450</b>
			<b>F70W/835</b>	Polylux XLR 835	3400	85	15000	6300	25	A	<b>39451</b>
			<b>F70W/840</b>	Polylux XLR 840	4000	85	15000	6300	25	A	<b>39452</b>

Polylux XLR™ Rated Average Life on HF Electronic gear: 20000 hrs

## System Performance - T8 Electronic Ballasts

A range of GE electronic ballasts have been introduced to complement the Polylux XLR™ linear fluorescent range.

Product Description	Nr of Lamps	Lamp Type W	Total Lumens lm*	System Power W	System Efficacy lm/W	Input Current A	PF	Ambient Temp. °C	Max Tc °C	Product Code
<b>BLS/E/1x18W/T8</b>	1	18	1350	18	75	0.08	> 0.99	-15...+50	65	<b>19862</b>
<b>BLS/E/2x18W/T8</b>	2	18	2700	35	77	0.16	> 0.99	-15...+50	65	<b>19867</b>
<b>BLS/E/3x18W/T8</b>	3	18	4050	53	76	0.23	> 0.99	-15...+50	70	<b>19869</b>
<b>BLS/E/4x18W/T8</b>	4	18	5400	74	73	0.32	> 0.99	-15...+50	70	<b>19870</b>
<b>BLS/E/1x36W/T8</b>	1	36	3350	35	96	0.16	> 0.99	-15...+50	65	<b>19874</b>
<b>BLS/E/2x36W/T8</b>	2	36	6700	71	94	0.31	> 0.99	-15...+50	75	<b>19875</b>
<b>BLS/E/1x58W/T8</b>	1	58	5200	55	95	0.25	> 0.99	-15...+50	70	<b>19881</b>
<b>BLS/E/2x58W/T8</b>	2	58	10400	110	95	0.49	> 0.99	-15...+50	75	<b>19883</b>
<b>BLS/E/1x70W/T8</b>	1	70	6300	66	95	0.28	> 0.99	-15...+50	65	<b>22578</b>
<b>BLS/E/2x70W/T8</b>	2	70	12600	133	95	0.57	> 0.99	-15...+50	75	<b>22580</b>

\* Lamp lumens based on Polylux XLR™ lamps