

Fluorescent lamps

GE offers you the benefits of nearly 60 years' experience in the design and manufacture of fluorescent lamps.

Our comprehensive range of lamps continues to set new standards in light output, quality and efficiency and is available in a wide choice of lengths, wattages and colours.

Choose GE fluorescents for extra long lamp life, excellent lumen maintenance, improved colour performance and higher light output.



Fluorescent lamps

Fluorescent

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Fluorescent Lamps



Fluorescent lamps

Fluorescent lamps range overview

Lumen value table

| | | Wattage | | | | | | | | | | Lamp | | | | | | | | | | |
|--|----------------------------|------------|-----|-----|------|------|------|------|------|------|------|------------|------|------|------|------|------|-------|------|------|------|------|
| | | length mm | | | | | | | | | | | | | | | | | | | | |
| | | T5 16 mm Ø | | | | | | | | | | T8 25 mm Ø | | | | | | | | | | |
| | | 4 | 6 | 8 | 13 | 14 | 21 | 24 | 28 | 35 | 39 | 49 | 54 | 80 | 15 | 18 | 30 | 36-1M | 36 | 38 | 58 | 70 |
| | | 150 | 225 | 300 | 525 | 549 | 849 | 549 | 1149 | 1449 | 849 | 1449 | 1149 | 1449 | 450 | 600 | 900 | 970 | 1200 | 1050 | 1500 | 1800 |
| Starcoat T5 Lamps | 827 Starcoat™ | | | | 1350 | 2100 | 2000 | 2900 | 3650 | 3500 | 4900 | 5000 | 7000 | | | | | | | | | |
| | 830 Starcoat™ | | | | 1350 | 2100 | 2000 | 2900 | 3650 | 3500 | 4900 | 5000 | 7000 | | | | | | | | | |
| | 835 Starcoat™ | | | | 1350 | 2100 | 2000 | 2900 | 3650 | 3500 | 4900 | 5000 | 7000 | | | | | | | | | |
| | 840 Starcoat™ | | | | 1350 | 2100 | 2000 | 2900 | 3650 | 3500 | 4900 | 5000 | 7000 | | | | | | | | | |
| | 865 Starcoat™ | | | | 1250 | 1950 | 1900 | 2700 | 3400 | 3330 | 4650 | 4750 | 6650 | | | | | | | | | |
| Triphosphor Polylux XLr Lamps | 827 Polylux XLr™ | | | | | | | | | | | | | 1350 | 2450 | | | 3350 | | 5200 | | |
| | 830 Polylux XLr™ | | | | | | | | | | | | | 1350 | 2450 | | | 3350 | | 5200 | 6300 | |
| | 835 Polylux XLr™ | | | | | | | | | | | | | 1350 | | | | 3350 | | 5200 | 6300 | |
| | 840 Polylux XLr™ | | | | | | | | | | | | | 1350 | 2450 | | | 3350 | | 5200 | 6300 | |
| | 860 Polylux XLr™ | | | | | | | | | | | | | 1300 | | | | 3250 | | 5000 | | |
| Cov-R-Guard Shielded Fluorescent | 830 Polylux XLr™ | | | | | | | | | | | | | 1300 | | | | 3250 | | 5050 | 6100 | |
| | 835 Polylux XLr™ | | | | | | | | | | | | | 1300 | | | | 3250 | | 5050 | 6100 | |
| | 840 Polylux XLr™ | | | | | | | | | | | | | 1300 | | | | 3250 | | 5050 | 6100 | |
| | 860 Polylux XLr™ | | | | | | | | | | | | | 1250 | | | | 3200 | | | | |
| Triphosphor Polylux XL Lamps | 827 Polylux XL™ | | | | | | | | | | | | | 1350 | 2450 | | | 3350 | | 5200 | | |
| | 830 Polylux XL™ | | | | | | | | | | | | | 1350 | 2450 | 3100 | | 3350 | 3300 | 5200 | 6300 | |
| | 835 Polylux XL™ | | | | | | | | | | | | | 1350 | | | | 3350 | | 5200 | 6300 | |
| | 840 Polylux XL™ | | | | | | | | | | | | | 1350 | 2450 | 3100 | | 3350 | 3300 | 5200 | 6300 | |
| | 850 Polylux XL™ | | | | | | | | | | | | | 1300 | | | | 3250 | | | | |
| | 860 Polylux XL™ | | | | | | | | | | | | | 1300 | | | | 3250 | | 5000 | | |
| Triphosphor Polylux | 827 Polylux | | | | 460 | 1000 | | | | | | | | | | | | | | | | 1000 |
| | 830 Polylux | | | | | | | | | | | | | | | | | | | | | 1000 |
| | 835 Polylux | | | | | | | | | | | | | | | | | | | | | |
| | 840 Polylux | | | | 460 | | | | | | | | | | | | | | | | | 1000 |
| Standard Halophosphate | 29 Warm White | | | | | | 385 | 850 | | | | | | 850 | 1150 | 2250 | | | 2850 | | 4600 | 5550 |
| | 35 White | 150 | 260 | 400 | 850 | | | | | | | | | 850 | 1150 | 2175 | | | 2850 | 2850 | 4600 | 5550 |
| | 25 Natural/Universal White | | | | | | | | | | | | | 775 | 1100 | | 2250 | | 2600 | | 4100 | |
| | 33 Cool white | 150 | 260 | 380 | 800 | | | | | | | | | 850 | 1150 | 2175 | 2600 | | 2850 | | 4600 | 5450 |
| | 54 Daylight | | | | | | | | | | | | | 750 | 950 | 1850 | 1900 | | 2350 | | 3750 | |



Fluorescent lamps

Lumen value table

| | Wattage | 20 | 40 | 65 | 75 | 85 | 100 | 125 | 22 | 32 | 40 | 60 | 40 | |
|---------------|----------------------------|--------------------|-----------|-----------|-----------|-----------|------------|-----------------|-----------|-----------|-----------|-------------------|-----------|------|
| | length mm | 600 | 1200 | 1500 | 1800 | 2400 | 2400 | 2400 | 209.5 | 311.2 | 412.6 | 412.6 | 525 | |
| | Lamp | T12 38 mm Ø | | | | | | Circline | | | | Mod-u-line | | |
| Starcoat | 827 Starcoat™ | | | | | | | | | | | | | |
| T5 Lamps | 830 Starcoat™ | | | | | | | | | | | | | |
| | 835 Starcoat™ | | | | | | | | | | | | | |
| | 840 Starcoat™ | | | | | | | | | | | | | |
| | 850 Starcoat™ | | | | | | | | | | | | | |
| | 865 Starcoat™ | | | | | | | | | | | | | |
| Triphosphor | 827 Polylux XLr™ | | | | | | | | | | | | | |
| Polylux XLr | 830 Polylux XLr™ | | | | | | | | | | | | | |
| Lamps | 835 Polylux XLr™ | | | | | | | | | | | | | |
| | 840 Polylux XLr™ | | | | | | | | | | | | | |
| | 850 Polylux XLr™ | | | | | | | | | | | | | |
| | 860 Polylux XLr™ | | | | | | | | | | | | | |
| Cov-R-Guard | 830 Polylux XLr™ | | | | | | | | | | | | | |
| Shielded | 835 Polylux XLr™ | | | | | | | | | | | | | |
| Fluorescent | 840 Polylux XLr™ | | | | | | | | | | | | | |
| Triphosphor | 827 Polylux XL™ | | | | | | | | | | | | | |
| Polylux XL | 830 Polylux XL™ | | | | | | | | | | | | | |
| Lamps | 835 Polylux XL™ | | | | | | | | | | | | | |
| | 840 Polylux XL™ | | | | | | | | | | | | | |
| | 850 Polylux XL™ | | | | | | | | | | | | | |
| | 860 Polylux XL™ | | | | | | | | | | | | | |
| Triphosphor | 827 Polylux | | | | | | | | | | | | | |
| Polylux | 830 Polylux | 1450 | 3350 | 5300 | 6550 | 7900 | 9100 | 10550 | | | | | | 3250 |
| | 835 Polylux | | | | | | | | | | | | | |
| | 840 Polylux | 1450 | 3350 | 5300 | 6550 | 7900 | 9100 | | | | | | | |
| Standard | 29 Warm White | 1150 | 2950 | 4750 | 5750 | | | | 1050 | 1875 | 2800 | 3700 | 2875 | |
| Halophosphate | 35 White | 1150 | 2950 | 4750 | 5750 | 7100 | 8300 | 9200 | | | | | | 2875 |
| | 25 Natural/Universal White | 1050 | 2500 | 4000 | | | | 1000 | 1825 | 2700 | | | | |
| | 33 Cool white | 1150 | 2950 | 4750 | 5700 | 8100 | 9100 | 875 | 1550 | 2500 | | | | 2875 |
| | 54 Daylight | 950 | 2450 | 3900 | | | | | | | | | | |



Fluorescent lamps

Fluorescent lamps range overview

Product Colour Performance Characteristics

| Type | CIE Group | Ra Index Description | Ra Index | CCT K | GE ref | Ave lm/W | |
|--|-------------------------------------|----------------------|----------|-------|--------|----------|----|
| Starcoat T5 Lamps | 827 Starcoat™ | 1B | Good | 85 | 2700 | 827 | 97 |
| | 830 Starcoat™ | 1B | Good | 85 | 2950 | 830 | 97 |
| | 835 Starcoat™ | 1B | Good | 85 | 3400 | 835 | 97 |
| | 840 Starcoat™ | 1B | Good | 85 | 4000 | 840 | 97 |
| | 865 Starcoat™ | 1B | Good | 85 | 6300 | 860 | 95 |
| Triphosphor Polylux XLr Lamps | 827 Polylux XL/XLr™ | 1B | Good | 85 | 2700 | 827 | 93 |
| | 830 Polylux XL/XLr™ | 1B | Good | 85 | 2950 | 830 | 93 |
| | 835 Polylux XL/XLr™ | 1B | Good | 85 | 3400 | 835 | 93 |
| | 840 Polylux XL/XLr™ | 1B | Good | 85 | 4000 | 840 | 93 |
| | 850 Polylux XL/XLr™ | 1B | Good | 85 | 5000 | 850 | 90 |
| 860 Polylux XL/XLr™ | 1B | Good | 85 | 6300 | 860 | 90 | |
| Cov-R-Guard Shielded Fluorescent | 830 Cov-R-Guard Polylux XLr™ | 1B | Good | 85 | 2950 | 830 | 93 |
| | 835 Cov-R-Guard Polylux XLr™ | 1B | Good | 85 | 3400 | 835 | 93 |
| | 840 Cov-R-Guard Polylux XLr™ | 1B | Good | 85 | 4000 | 840 | 93 |
| Triphosphor Polylux | 827 Polylux | 1B | Good | 80+ | 2700 | 827 | 84 |
| | 830 Polylux | 1B | Good | 80+ | 2950 | 830 | 84 |
| | 840 Polylux | 1B | Good | 80+ | 4000 | 840 | 84 |
| Standard Halophosphate | 29 Warm White | 3 | Low | 51 | 2950 | 29 | 79 |
| | 35 White | 3 | Low | 54 | 3450 | 35 | 79 |
| | 25 Natural/Universal White | 2 | Moderate | 70 | 4050 | 25 | 72 |
| | 33 Cool white | 3 | Low | 58 | 4000 | 33 | 79 |
| | 54 Daylight | 2 | Moderate | 76 | 6500 | 54 | 65 |
| Special Colours | UV non-filter | - | NA | - | - | 05 | - |
| | Blacklight Blue | - | NA- | - | - | BLB | - |

Ave lm/W = average initial lumens per watt (based on 36W, 1.2M tube or 40W, 1.2M tube for special colours and Polylux)
 Ra = colour rendering index (higher Ra's give better colour rendering, max. = 100) NA = not applicable

Fluorescent lamps

Product Description

Very warm, similar to incandescent light. Gives a warm effect in restaurants, hotels etc.
 Warm, gives a welcoming effect. Used in restaurants, hotels, offices and supermarkets.
 Intermediate colour, used in general, commercial and industrial lighting. Creates cool atmosphere in commercial installations. Recommended for hospitals. Intermediate colour between 840 and 860.
 Recommended for hospital and warmer climates. Very cool. Popular in warmer climates.

Very warm, similar to incandescent light. Gives a warm effect in restaurants, hotels etc.
 Warm, gives a welcoming effect. Used in restaurants, hotels, offices and supermarkets.
 Intermediate colour, used in general, commercial and industrial lighting.
 Creates cool atmosphere in commercial installations. Recommended for hospitals.
 Intermediate colour between 840 and 860. Recommended for hospital and warmer climates.
 Very cool. Popular in warmer climates.

Warm, gives a homely welcoming effect. Used in supermarkets, schools.
 Intermediate colour, used in general, commercial and industrial lighting.
 Creates cool atmosphere in commercial installations. Recommended for hospitals.

Very warm, similar to incandescent light. Gives a warm effect in restaurants, hotels etc.
 Warm, gives a homely welcoming effect. Used in restaurants, hotels, offices and supermarkets.
 Creates cool atmosphere in commercial installations. Recommended for hospitals.

Warm, used in commercial or public buildings to create a "warm" atmosphere.
 Intermediate colour, standard colour for almost all applications.
 Cool, used in offices and shops. Higher colour rendering, but less efficient than cool white.
 Cool, used to create a cooler atmosphere in offices, factories and shops.
 Very cool. Popular in warmer climates.

Small amount of visible light with long wave UV-A radiation emitted to attract insects into insect traps.
 Only long wave UV produced. Used decoratively in discos as the UV makes white fabrics fluorescent.

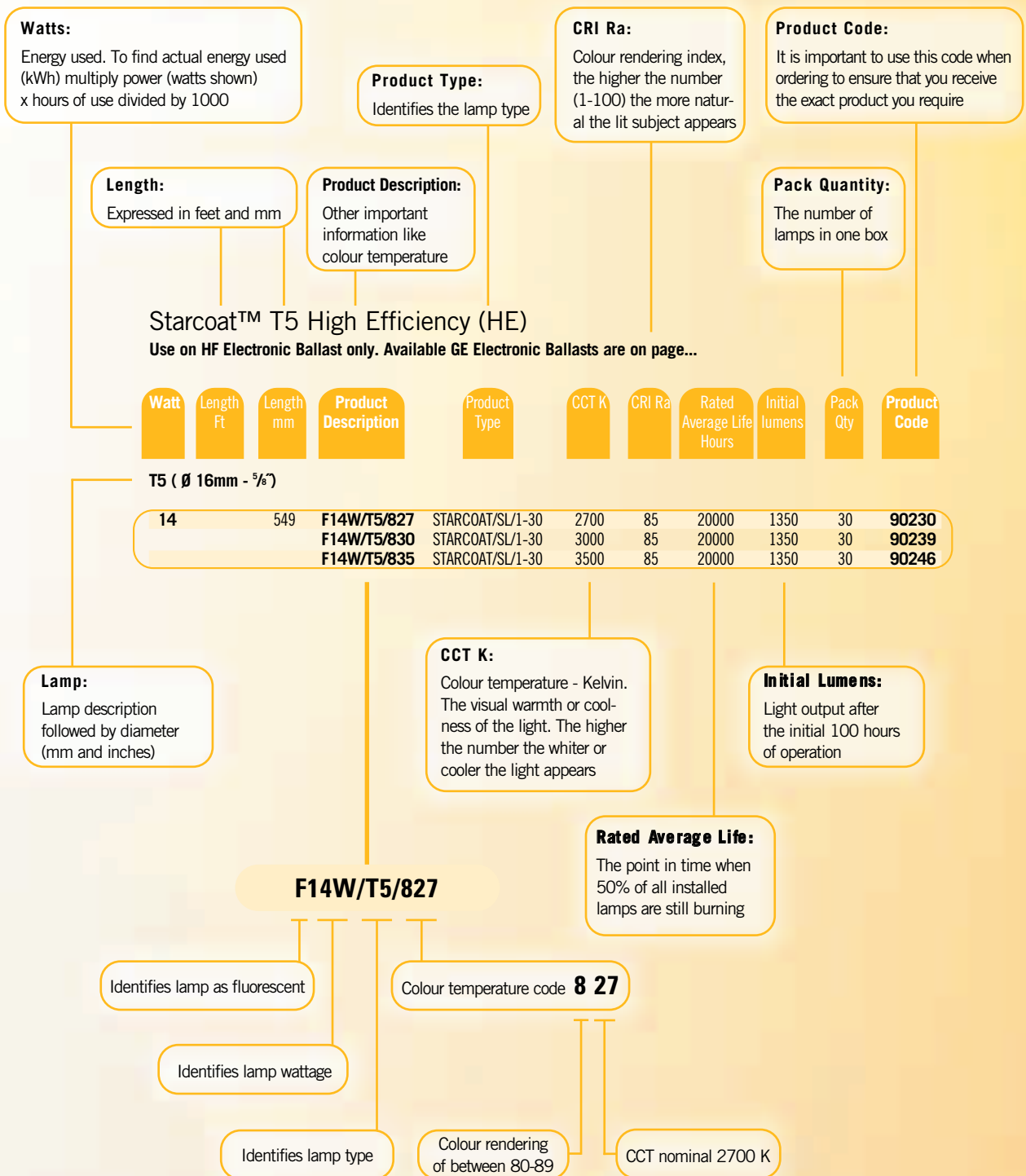
Special Colours are available in some sizes, please ask our sales department for more information.



Fluorescent lamps

Product identification

The following glossary of terms and descriptions can help you when checking fluorescent lamp specifications and explains how to use the product codes when ordering products. Within each product line, lamps are divided into families - within families, lamps are listed by wattage.



T5 lamps

Efficiency with Elegance in Design



GE'S MOST efficient fluorescent SOLUTION...
small size, big lumen output FOR Visual comfort
High lumen in a small, lower package enabling visual
comfort and performance for more productive
office and retail environments.



**GE STARCOAT™ T5 LAMP
AND BALLAST:
THE PERFECT MATCH**

Optimal performance and known reliability
whether new build or replacement.

Fluorescent lamps

GE's most efficient fluorescent... small size, big lumen output

GE's smallest fluorescent lamp type, only 16mm in diameter, delivers the light of much larger wattage fluorescent systems. High lumens in a small, lower wattage package makes GE Starcoat™ T5 the most efficient GE fluorescent lamp available. And GE's exclusive proprietary Starcoat™ coating gives GE T5 lamps unrivalled colour rendering and lumen maintenance. A variety of linear fluorescent fixtures are available to take advantage of T5's unique features, offering unlimited design and application flexibility.

Efficiency

GE T5 Starcoat™ is small in size but offers you a variety of choices. With 9 wattages to choose from, you can either maximize your lumen output or your efficiency.

If you would like to maximise your lm/W then we recommend you choose from our:

High Efficiency range

With this solution you can get up to **104 lumens per watt**, this means **ongoing cost savings**.

Combined with an extremely long service life, this range of lamps is ideally suited to commercial and retail application in both direct and combined direct/indirect luminaires.

If you would like to **maximise your output**, then we recommend you choose from our:

High Output Lamps

With this solution you can get up to **7000 lumens this means improved system efficacy and reduced number of fittings**.

The extremely high surface illuminance of the High Output Starcoat™ T5 range makes these lamps ideal for indirect luminaires. These are the best suited to uplighting systems or direct lighting in high ceilings applications, such as those in canopies or industrial situations.

With elegance in design

Unlimited design flexibility

The 16mm diameter Starcoat™ T5 enables outstanding flexibility in luminaire design offering both elegance and improved efficiency

- Easy fitting of the T5 luminaires into the ceiling module system
- Smaller physical dimensions for improved light output control and smaller, more aesthetic fittings

Environmentally responsible design

GE's T5 lamps feature 38% less glass and phosphors than T8 lamps and that means reduced waste in landfills. The low 5mg mercury design of GE T5 Starcoat™ lamp is another plus for the environment. And with its high output design, you can reduce the number of lamps used for the same lumen output, further reducing environmental impact and providing added design flexibility.

Best colour coating technology

Our proprietary alumina pre-coat provides excellent CRI at 85 and 94% lumen maintenance at 40% rated life.

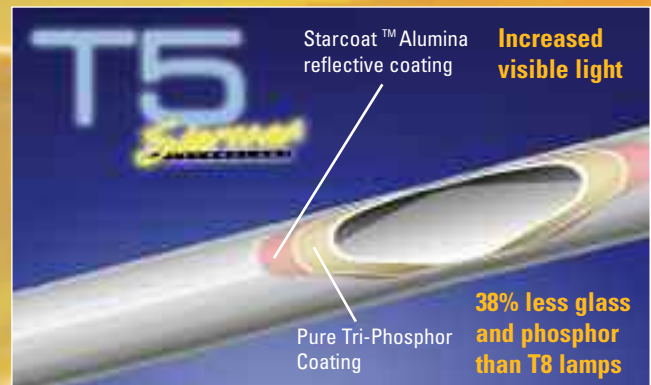
- T5 are 40% thinner than T8
- When compared to T8 systems, the T5 system (lamp, ballast and luminaire) consumes up to 30% less energy



T5 lamps

Starcoat™ TECHNOLOGY

Starcoat™ is a proprietary coating technology that eliminates the need for traditional lower quality halophosphor coating by reflecting the UV-light more effectively. This leaves a pure triphosphor coating for excellent colour rendering and lumen maintenance performance.



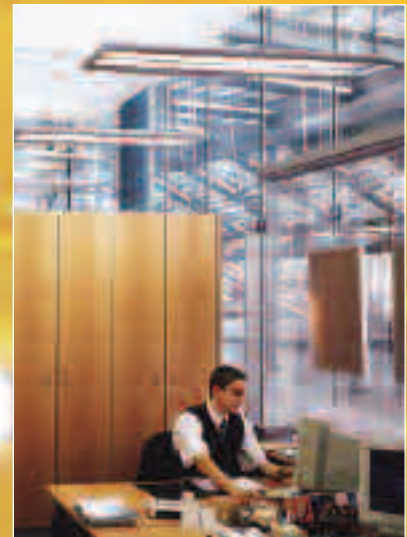
Broad ballast compatibility

Rather than designing our lamps around one ballast, GE has maximised our performance on all major ballasts.

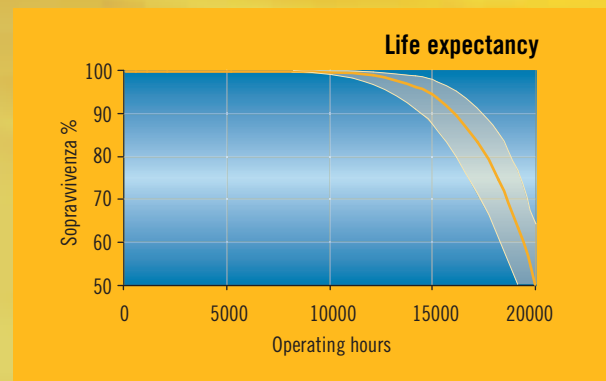
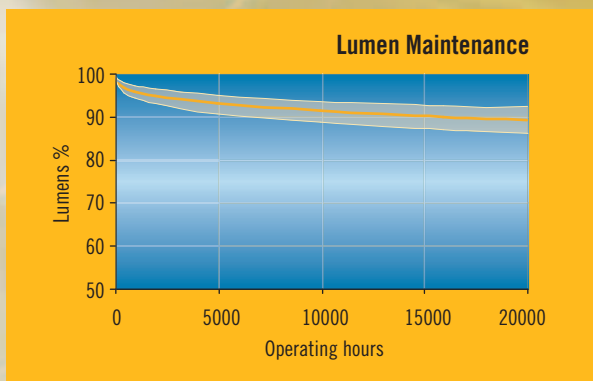
GE Starcoat™ T5 is designed for HF operation which means: higher lamp efficacy and lower ballast losses than conventional ballasts.

Wide range of commercial and industrial applications

- Perfectly suits Retail, Office, Schools, Commercial, Industrial, Sport halls
- Optimum light output reached at 35°C within fittings



Controlled performance specifications




Fluorescent lamps

Starcoat™ T5 High Efficiency (HE)

Use on HF Electronic Ballast only. Available GE Electronic Ballasts are on page 181.


| 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 |
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T5 (Ø 16mm - 5/8")



| | | | | | | | | | | |
|-----------|------|--------------------|------------------|------|----|-------|------|----|---|--------------|
| 14 | 549 | F14W/T5/827 | STARCOAT/SL/1-30 | 2700 | 85 | 20000 | 1350 | 30 | B | 90230 |
| | | F14W/T5/830 | STARCOAT/SL/1-30 | 3000 | 85 | 20000 | 1350 | 30 | B | 90239 |
| | | F14W/T5/835 | STARCOAT/SL/1-30 | 3500 | 85 | 20000 | 1350 | 30 | B | 90246 |
| | | F14W/T5/840 | STARCOAT/SL/1-30 | 4000 | 85 | 20000 | 1350 | 30 | B | 90247 |
| | | F14W/T5/865 | STARCOAT/SL/1-30 | 6500 | 85 | 20000 | 1250 | 30 | B | 90244 |
| 21 | 849 | F21W/T5/830 | STARCOAT/SL/1-30 | 3000 | 85 | 20000 | 2100 | 30 | B | 90248 |
| | | F21W/T5/835 | STARCOAT/SL/1-30 | 3500 | 85 | 20000 | 2100 | 30 | B | 90249 |
| | | F21W/T5/840 | STARCOAT/SL/1-30 | 4000 | 85 | 20000 | 2100 | 30 | B | 90250 |
| | | F21W/T5/865 | STARCOAT/SL/1-30 | 6500 | 85 | 20000 | 1950 | 30 | B | 90251 |
| 28 | 1149 | F28W/T5/827 | STARCOAT/SL/1-30 | 2700 | 85 | 20000 | 2900 | 30 | B | 90252 |
| | | F28W/T5/830 | STARCOAT/SL/1-30 | 3000 | 85 | 20000 | 2900 | 30 | B | 90253 |
| | | F28W/T5/835 | STARCOAT/SL/1-30 | 3500 | 85 | 20000 | 2900 | 30 | B | 90254 |
| | | F28W/T5/840 | STARCOAT/SL/1-30 | 4000 | 85 | 20000 | 2900 | 30 | B | 90255 |
| | | F28W/T5/865 | STARCOAT/SL/1-30 | 6500 | 85 | 20000 | 2700 | 30 | B | 90256 |
| 35 | 1449 | F35W/T5/827 | STARCOAT/SL/1-30 | 2700 | 85 | 20000 | 3650 | 30 | B | 90257 |
| | | F35W/T5/830 | STARCOAT/SL/1-30 | 3000 | 85 | 20000 | 3650 | 30 | B | 90258 |
| | | F35W/T5/835 | STARCOAT/SL/1-30 | 3500 | 85 | 20000 | 3650 | 30 | B | 90259 |
| | | F35W/T5/840 | STARCOAT/SL/1-30 | 4000 | 85 | 20000 | 3650 | 30 | B | 90260 |
| | | F35W/T5/865 | STARCOAT/SL/1-30 | 6500 | 85 | 20000 | 3400 | 30 | B | 90261 |

INDUSTRIAL PACK



| | | | | | | | | | | |
|-----------|------|--------------------|-----------------|------|----|-------|------|----|---|--------------|
| 14 | 549 | F14W/T5/827 | STARCOAT/ECO 40 | 2700 | 85 | 20000 | 1350 | 40 | B | 39965 |
| | | F14W/T5/830 | STARCOAT/ECO 40 | 3000 | 85 | 20000 | 1350 | 40 | B | 39964 |
| | | F14W/T5/835 | STARCOAT/ECO 40 | 3500 | 85 | 20000 | 1350 | 40 | B | 39961 |
| | | F14W/T5/840 | STARCOAT/ECO 40 | 4000 | 85 | 20000 | 1350 | 40 | B | 39973 |
| | | F14W/T5/865 | STARCOAT/ECO 40 | 6500 | 85 | 20000 | 1250 | 40 | B | 90222 |
| 21 | 849 | F21W/T5/830 | STARCOAT/ECO 40 | 3000 | 85 | 20000 | 2100 | 40 | B | 39976 |
| | | F21W/T5/835 | STARCOAT/ECO 40 | 3500 | 85 | 20000 | 2100 | 40 | B | 39977 |
| | | F21W/T5/840 | STARCOAT/ECO 40 | 4000 | 85 | 20000 | 2100 | 40 | B | 39978 |
| | | F21W/T5/865 | STARCOAT/ECO 40 | 6500 | 85 | 20000 | 1950 | 40 | B | 39979 |
| 28 | 1149 | F28W/T5/827 | STARCOAT/ECO 40 | 2700 | 85 | 20000 | 2900 | 40 | B | 39980 |
| | | F28W/T5/830 | STARCOAT/ECO 40 | 3000 | 85 | 20000 | 2900 | 40 | B | 39982 |
| | | F28W/T5/835 | STARCOAT/ECO 40 | 3500 | 85 | 20000 | 2900 | 40 | B | 39983 |
| | | F28W/T5/840 | STARCOAT/ECO 40 | 4000 | 85 | 20000 | 2900 | 40 | B | 39984 |
| | | F28W/T5/865 | STARCOAT/ECO 40 | 6500 | 85 | 20000 | 2700 | 40 | B | 39985 |
| 35 | 1449 | F35W/T5/827 | STARCOAT/ECO 40 | 2700 | 85 | 20000 | 3650 | 40 | B | 39986 |
| | | F35W/T5/830 | STARCOAT/ECO 40 | 3000 | 85 | 20000 | 3650 | 40 | B | 39989 |
| | | F35W/T5/835 | STARCOAT/ECO 40 | 3500 | 85 | 20000 | 3650 | 40 | B | 39990 |
| | | F35W/T5/840 | STARCOAT/ECO 40 | 4000 | 85 | 20000 | 3650 | 40 | B | 39991 |
| | | F35W/T5/865 | STARCOAT/ECO 40 | 6500 | 85 | 20000 | 3400 | 40 | B | 39992 |

T5 lamps

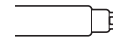
Starcoat™ T5 High Output (HO)

Use on HF Electronic Ballast only. Available GE Electronic Ballasts are on page 181.

| 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 |
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

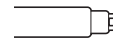
T5 (∅ 16mm - 5/8")

| | | | | | | | | | | |
|----|-----|-------------|------------------|------|----|-------|------|----|---|-------|
| 24 | 549 | F24W/T5/830 | STARCOAT/SL/1-30 | 3000 | 85 | 20000 | 2000 | 30 | B | 90263 |
| | | F24W/T5/835 | STARCOAT/SL/1-30 | 3500 | 85 | 20000 | 2000 | 30 | B | 90264 |
| | | F24W/T5/840 | STARCOAT/SL/1-30 | 4000 | 85 | 20000 | 2000 | 30 | B | 90265 |
| | | F24W/T5/865 | STARCOAT/SL/1-30 | 6500 | 85 | 20000 | 1900 | 30 | B | 90266 |



| | | | | | | | | | | |
|-------------|------------------|-------------|------------------|-------|------|-------|------|-------|---|-------|
| 39 | 849 | F39W/T5/827 | STARCOAT/SL/1-30 | 2700 | 85 | 20000 | 3500 | 30 | B | 90267 |
| | | F39W/T5/830 | STARCOAT/SL/1-30 | 3000 | 85 | 20000 | 3500 | 30 | B | 90268 |
| | | F39W/T5/835 | STARCOAT/SL/1-30 | 3500 | 85 | 20000 | 3500 | 30 | B | 90269 |
| | | F39W/T5/840 | STARCOAT/SL/1-30 | 4000 | 85 | 20000 | 3500 | 30 | B | 90270 |
| F39W/T5/865 | STARCOAT/SL/1-30 | 6500 | 85 | 20000 | 3330 | 30 | B | 90271 | | |

| | | | | | | | | | | |
|-------------|------------------|-------------|------------------|-------|------|-------|------|-------|---|-------|
| 49 | 1449 | F49W/T5/827 | STARCOAT/SL/1-30 | 2700 | 85 | 20000 | 4900 | 30 | B | 90277 |
| | | F49W/T5/830 | STARCOAT/SL/1-30 | 3000 | 85 | 20000 | 4900 | 30 | B | 90278 |
| | | F49W/T5/835 | STARCOAT/SL/1-30 | 3500 | 85 | 20000 | 4900 | 30 | B | 90279 |
| | | F49W/T5/840 | STARCOAT/SL/1-30 | 4000 | 85 | 20000 | 4900 | 30 | B | 90280 |
| F49W/T5/865 | STARCOAT/SL/1-30 | 6500 | 85 | 20000 | 4650 | 30 | B | 90281 | | |



| | | | | | | | | | | |
|-------------|------------------|-------------|------------------|-------|------|-------|------|-------|---|-------|
| 54 | 1149 | F54W/T5/827 | STARCOAT/SL/1-30 | 2700 | 85 | 20000 | 5000 | 30 | B | 90272 |
| | | F54W/T5/830 | STARCOAT/SL/1-30 | 3000 | 85 | 20000 | 5000 | 30 | B | 90273 |
| | | F54W/T5/835 | STARCOAT/SL/1-30 | 3500 | 85 | 20000 | 5000 | 30 | B | 90274 |
| | | F54W/T5/840 | STARCOAT/SL/1-30 | 4000 | 85 | 20000 | 5000 | 30 | B | 90275 |
| F54W/T5/865 | STARCOAT/SL/1-30 | 6500 | 85 | 20000 | 4750 | 30 | B | 90276 | | |

| | | | | | | | | | | |
|----|------|-------------|------------------|------|----|-------|------|----|---|-------|
| 80 | 1449 | F80W/T5/827 | STARCOAT/SL/1-30 | 2700 | 85 | 20000 | 7000 | 30 | B | 90282 |
| | | F80W/T5/830 | STARCOAT/SL/1-30 | 3000 | 85 | 20000 | 7000 | 30 | B | 90283 |
| | | F80W/T5/840 | STARCOAT/SL/1-30 | 4000 | 85 | 20000 | 7000 | 30 | B | 90285 |
| | | F80W/T5/865 | STARCOAT/SL/1-30 | 6500 | 85 | 20000 | 6650 | 30 | B | 90286 |

INDUSTRIAL PACK

| | | | | | | | | | | |
|----|-----|-------------|-----------------|------|----|-------|------|----|---|-------|
| 24 | 549 | F24W/T5/830 | STARCOAT/ECO 40 | 3000 | 85 | 20000 | 2000 | 40 | B | 39998 |
| | | F24W/T5/835 | STARCOAT/ECO 40 | 3500 | 85 | 20000 | 2000 | 40 | B | 90196 |
| | | F24W/T5/840 | STARCOAT/ECO 40 | 4000 | 85 | 20000 | 2000 | 40 | B | 90197 |
| | | F24W/T5/865 | STARCOAT/ECO 40 | 6500 | 85 | 20000 | 1900 | 40 | B | 90198 |



| | | | | | | | | | | |
|-------------|-----------------|-------------|-----------------|-------|------|-------|------|-------|---|-------|
| 39 | 849 | F39W/T5/827 | STARCOAT/ECO 40 | 2700 | 85 | 20000 | 3500 | 40 | B | 90200 |
| | | F39W/T5/830 | STARCOAT/ECO 40 | 3000 | 85 | 20000 | 3500 | 40 | B | 90201 |
| | | F39W/T5/835 | STARCOAT/ECO 40 | 3500 | 85 | 20000 | 3500 | 40 | B | 90202 |
| | | F39W/T5/840 | STARCOAT/ECO 40 | 4000 | 85 | 20000 | 3500 | 40 | B | 90203 |
| F39W/T5/865 | STARCOAT/ECO 40 | 6500 | 85 | 20000 | 3330 | 40 | B | 90204 | | |

| | | | | | | | | | | |
|-------------|-----------------|-------------|-----------------|-------|------|-------|------|-------|---|-------|
| 49 | 1449 | F49W/T5/827 | STARCOAT/ECO 40 | 2700 | 85 | 20000 | 4900 | 40 | B | 90220 |
| | | F49W/T5/830 | STARCOAT/ECO 40 | 3000 | 85 | 20000 | 4900 | 40 | B | 90219 |
| | | F49W/T5/835 | STARCOAT/ECO 40 | 3500 | 85 | 20000 | 4900 | 40 | B | 90221 |
| | | F49W/T5/840 | STARCOAT/ECO 40 | 4000 | 85 | 20000 | 4900 | 40 | B | 90223 |
| F49W/T5/865 | STARCOAT/ECO 40 | 6500 | 85 | 20000 | 4650 | 40 | B | 90224 | | |

| | | | | | | | | | | |
|-------------|-----------------|-------------|-----------------|-------|------|-------|------|-------|---|-------|
| 54 | 1149 | F54W/T5/827 | STARCOAT/ECO 40 | 2700 | 85 | 20000 | 5000 | 40 | B | 90205 |
| | | F54W/T5/830 | STARCOAT/ECO 40 | 3000 | 85 | 20000 | 5000 | 40 | B | 90232 |
| | | F54W/T5/835 | STARCOAT/ECO 40 | 3500 | 85 | 20000 | 5000 | 40 | B | 90206 |
| | | F54W/T5/840 | STARCOAT/ECO 40 | 4000 | 85 | 20000 | 5000 | 40 | B | 90209 |
| F54W/T5/865 | STARCOAT/ECO 40 | 6500 | 85 | 20000 | 4750 | 40 | B | 90211 | | |

| | | | | | | | | | | |
|----|------|-------------|-----------------|------|----|-------|------|----|---|-------|
| 80 | 1449 | F80W/T5/827 | STARCOAT/ECO 40 | 2700 | 85 | 20000 | 7000 | 40 | B | 90225 |
| | | F80W/T5/830 | STARCOAT/ECO 40 | 3000 | 85 | 20000 | 7000 | 40 | B | 90226 |
| | | F80W/T5/840 | STARCOAT/ECO 40 | 4000 | 85 | 20000 | 7000 | 40 | B | 90228 |
| | | F80W/T5/865 | STARCOAT/ECO 40 | 6500 | 85 | 20000 | 6650 | 40 | B | 90229 |

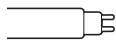


Fluorescent lamps

T5 Miniature

| Watt | Length Ft | Length mm | Product Description | Colour/ Product Type | CCT K | CRI Ra | Rated Average Life Hours | Initial lumens | Pack Qty | EE Class | Product Code |
|------|-----------|-----------|---------------------|----------------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|----------------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T5 (∅ 16mm - 5/8") Standard Halophosphate



| | | | | | | | | | | | |
|----|------|-----|-----------------|------------|------|----|------|-----|-----|---|--------------|
| 4 | 6in | 150 | F4W/33 | Cool White | 4000 | 58 | 5000 | 150 | 25 | B | 39441 |
| | | | F4W/35 | White | 3450 | 54 | 5000 | 150 | 25 | B | 39442 |
| 6 | 9in | 225 | F6W/33 | Cool White | 4000 | 58 | 5000 | 260 | 25 | B | 39445 |
| | | | F6W/35 | White | 3450 | 54 | 5000 | 260 | 25 | B | 39442 |
| 8 | 12in | 300 | F8W/29 | Warm White | 2950 | 51 | 5000 | 385 | 25 | B | 37754 |
| | | | F8W/33 | Cool White | 4000 | 58 | 5000 | 380 | 25 | B | 37755 |
| | | | F8W/33BP | Cool White | 4000 | 58 | 5000 | 380 | 100 | B | 37001 |
| | | | F8W/35 | White | 3450 | 54 | 5000 | 400 | 25 | B | 37756 |
| 13 | 21in | 525 | F13W/29 | Warm White | 2950 | 51 | 6000 | 850 | 25 | B | 12684 |
| | | | F13W/33 | Cool White | 4000 | 58 | 6000 | 800 | 25 | B | 12693 |
| | | | F13W/35 | White | 3450 | 54 | 6000 | 850 | 25 | B | 12694 |

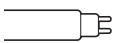
Polylux

| | | | | | | | | | | | |
|----|------|-----|------------------|-------------|------|-----|------|------|-----|---|--------------|
| 8 | 12in | 300 | F8W/827BP | Polylux 827 | 2700 | 80+ | 5000 | 460 | 100 | B | 37008 |
| | | | F8W/840BP | Polylux 840 | 4000 | 80+ | 5000 | 460 | 100 | B | 37009 |
| 13 | 21in | 525 | F13W/827 | Polylux 827 | 2700 | 80+ | 6000 | 1000 | 25 | B | 12701 |

T5 Blacklight Blue

| Watt | Length Ft | Length mm | Product Description | Colour Type | CCT K | CRI Ra | Rated Average Life Hours | Initial lumens | Pack Qty | EE Class | Product Code |
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T5 (∅ 16mm - 5/8")



| | | | | | | | | | | | |
|---|------|-----|----------------|-----------------|---|---|------|---|----|---|--------------|
| 4 | 6in | 150 | F4W/BLB | Blacklight Blue | - | - | 5000 | - | 25 | B | 39882 |
| 6 | 9in | 225 | F6W/BLB | Blacklight Blue | - | - | 5000 | - | 25 | B | 39883 |
| 8 | 12in | 300 | F8W/BLB | Blacklight Blue | - | - | 5000 | - | 25 | B | 39884 |

T8 lamps

GE Polylux XLR™ & XL™

For cost-efficiency, energy-saving and a better quality of light - switch on to **Polylux XLR™** and **Polylux XL™** lamps



Polylux XLR™ lamps

- Polylux XLR™ lamps have an average rated life of 20,000 hours on electronic gear and 15,000 hours on conventional gear.
- Polylux XLR™ lamps will be available in a range of wattages from 18W to 70W, and in a variety of colours from extra warm to daylight.

Polylux XL™ lamps

- Polylux XL™ lamps have an average rated life of 18,000 hour on electronic gear and 15,000 hours on conventional gear.
- Polylux XL™ lamps are available in a range of wattages from 18W to 70W.

For safer and more convenient disposal Polylux XLR™ lamps feature

- A mercury content of less than 5mg
- GE's unique **Take Care System™** re-usable packaging
- Plus a blue cap for easy identification of old and new lamps when replacing the tubes into the **Take Care System™** box.



Applications:
retail, office areas, commercial, industrial and sports halls.

Fluorescent lamps



Polylux XLR™ lamps are the new longer – life environmentally – friendly featuring:

- Extra long life 20,000 hours*
- High performance, excellent colour rendering and superior lumen maintenance
- Re-usable Take Care System™ packaging
- Reduced mercury - less than 5mg
- Recyclable components

Long lasting excellent light

Polylux XLR™ and Polylux XL™

Superior Lumen Maintenance

- 95% through life
- Consistently high light levels
- More attractive and welcoming office and retail environments
- Better energy utilisation

Excellent Colour Performance

- CRI Ra = 85
- People look more natural, flatters skin tones
- Merchandise looks more attractive
- Colours are more true to life

*15,000 hours life on conventional gear

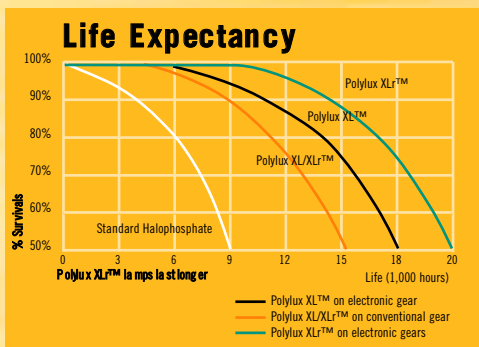
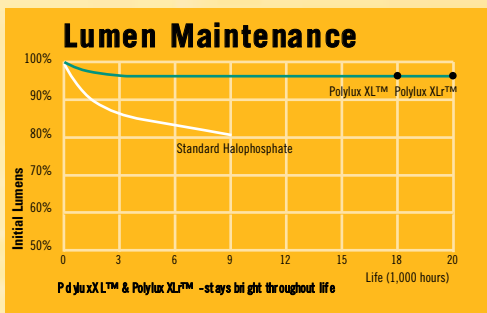
Average rated life to 50% survival based on 3 hours switching cycle in accordance with International Standard IEC 60081/EN60081.

T8 lamps

Polylux XLR™ & Polylux XL™ lamps will change the way you think about fluorescent lighting.

Lower cost of light

Polylux XLR™ & XL™ lamps can result in extended relamping cycles, which significantly reduce maintenance costs.



Excellent Colour Performance

With advanced triphosphor coating, Polylux XLR™ & Polylux XL™ lamps offer outstanding colour reproduction, making people look more natural and colours more vibrant and true.

Compared to standard halophosphate lamps, Polylux XLR™ & Polylux XL™ lamps provide more light for longer, ensuring brighter, more consistent light in a wide range of applications.



835 White (3,400K)



827 Extra Warm White (2,700K)



840 Cool White (4,000K)



830 Warm White (2,950K)



860 Daylight (6,300K) only Polylux XL™ lamps



Fluorescent lamps

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 |
|-------------------------|-----------|-----------|---------------------|-----------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
| T8 (ø26mm - 1") | | | | | | | | | | | |
| 18 | 2ft | 600 | F18W/827 | Polylux XLR 827 | 2700 | 85 | 15000 | 1350 | 25 | A | 93315 |
| | | | F18W/830 | Polylux XLR 830 | 2950 | 85 | 15000 | 1350 | 25 | A | 93319 |
| | | | F18W/835 | Polylux XLR 835 | 3400 | 85 | 15000 | 1350 | 25 | A | 93311 |
| | | | F18W/840 | Polylux XLR 840 | 4000 | 85 | 15000 | 1350 | 25 | A | 93317 |
| | | | F18W/860 | Polylux XLR 860 | 6500 | 85 | 15000 | 1300 | 25 | A | 12606 |
| 30 | 3ft | 900 | F30W/827 | Polylux XLR 827 | 2700 | 85 | 15000 | 2450 | 25 | A | 18138 |
| | | | F30W/830 | Polylux XLR 830 | 2950 | 85 | 15000 | 2450 | 25 | A | 18141 |
| | | | F30W/840 | Polylux XLR 840 | 4000 | 85 | 15000 | 2450 | 25 | A | 18142 |
| 36 | 4ft | 1200 | F36W/827 | Polylux XLR 827 | 2700 | 85 | 15000 | 3350 | 25 | A | 37554 |
| | | | F36W/830 | Polylux XLR 830 | 2950 | 85 | 15000 | 3350 | 25 | A | 37555 |
| | | | F36W/835 | Polylux XLR 835 | 3400 | 85 | 15000 | 3350 | 25 | A | 37614 |
| | | | F36W/840 | Polylux XLR 840 | 4000 | 85 | 15000 | 3350 | 25 | A | 37556 |
| | | | F36W/860 | Polylux XLR 860 | 6500 | 85 | 15000 | 3250 | 25 | A | 12942 |
| 58 | 5ft | 1500 | F58W/827 | Polylux XLR 827 | 2700 | 85 | 15000 | 5200 | 25 | A | 37557 |
| | | | F58W/830 | Polylux XLR 830 | 2950 | 85 | 15000 | 5200 | 25 | A | 37558 |
| | | | F58W/835 | Polylux XLR 835 | 3400 | 85 | 15000 | 5200 | 25 | A | 37615 |
| | | | F58W/840 | Polylux XLR 840 | 4000 | 85 | 15000 | 5200 | 25 | A | 37559 |
| | | | F58W/860 | Polylux XLR 860 | 6500 | 85 | 15000 | 5000 | 25 | A | 12609 |
| 70 | 6ft | 1800 | F70W/830 | Polylux XLR 830 | 2950 | 85 | 15000 | 6300 | 25 | A | 39450 |
| | | | F70W/835 | Polylux XLR 835 | 3400 | 85 | 15000 | 6300 | 25 | A | 39451 |
| | | | F70W/840 | Polylux XLR 840 | 4000 | 85 | 15000 | 6300 | 25 | A | 39452 |

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



T8 lamps

T8 Polylux XL™

| 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 |
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T8 (ø26mm - 1")

| | | | | | | | | | | | |
|-----------|-----|-----|-----------------|----------------|------|----|-------|------|----|---|--------------|
| 18 | 2ft | 600 | F18W/827 | Polylux XL 827 | 2700 | 85 | 15000 | 1350 | 25 | A | 93314 |
| | | | F18W/830 | Polylux XL 830 | 2950 | 85 | 15000 | 1350 | 25 | A | 93320 |
| | | | F18W/835 | Polylux XL 835 | 3400 | 85 | 15000 | 1350 | 25 | A | 93318 |
| | | | F18W/840 | Polylux XL 840 | 4000 | 85 | 15000 | 1350 | 25 | A | 93321 |
| | | | F18W/850 | Polylux XL 850 | 5000 | 85 | 15000 | 1300 | 25 | A | 93308 |
| | | | F18W/860 | Polylux XL 860 | 6300 | 85 | 15000 | 1300 | 25 | A | 93316 |

| | | | | | | | | | | | |
|-----------|-----|------|-----------------|----------------|------|----|-------|------|----|---|--------------|
| 36 | 4ft | 1200 | F36W/827 | Polylux XL 827 | 2700 | 85 | 15000 | 3350 | 25 | A | 39103 |
| | | | F36W/830 | Polylux XL 830 | 2950 | 85 | 15000 | 3350 | 25 | A | 39105 |
| | | | F36W/835 | Polylux XL 835 | 3400 | 85 | 15000 | 3350 | 25 | A | 39108 |
| | | | F36W/840 | Polylux XL 840 | 4000 | 85 | 15000 | 3350 | 25 | A | 39106 |
| | | | F36W/850 | Polylux XL 850 | 5000 | 85 | 15000 | 3250 | 25 | A | 35608 |
| | | | F36W/860 | Polylux XL 860 | 6300 | 85 | 15000 | 3250 | 25 | A | 34509 |

| | | | | | | | | | | | |
|-----------|-------|------|-----------------|----------------|------|----|-------|------|----|---|--------------|
| 38 | 3.5ft | 1050 | F38W/830 | Polylux XL 830 | 2950 | 85 | 15000 | 3300 | 25 | A | 92524 |
| | | | F38W/840 | Polylux XL 840 | 4000 | 85 | 15000 | 3300 | 25 | A | 92525 |

| | | | | | | | | | | | |
|-----------|-----|------|-----------------|----------------|------|----|-------|------|----|---|--------------|
| 58 | 5ft | 1500 | F58W/827 | Polylux XL 827 | 2700 | 85 | 15000 | 5200 | 25 | A | 35442 |
| | | | F58W/830 | Polylux XL 830 | 3250 | 85 | 15000 | 5200 | 25 | A | 35443 |
| | | | F58W/835 | Polylux XL 835 | 3400 | 85 | 15000 | 5200 | 25 | A | 35444 |
| | | | F58W/840 | Polylux XL 840 | 4000 | 85 | 15000 | 5200 | 25 | A | 35445 |
| | | | F58W/860 | Polylux XL 860 | 6300 | 85 | 15000 | 5000 | 25 | A | 34502 |

| | | | | | | | | | | | |
|-----------|-----|------|-----------------|----------------|------|----|-------|------|----|---|--------------|
| 70 | 6ft | 1800 | F70W/830 | Polylux XL 830 | 3250 | 85 | 15000 | 6300 | 25 | A | 35578 |
| | | | F70W/835 | Polylux XL 835 | 3400 | 85 | 15000 | 6300 | 25 | A | 35579 |
| | | | F70W/840 | Polylux XL 840 | 4000 | 85 | 15000 | 6300 | 25 | A | 35580 |

T8 Polylux

| 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 |
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T8 (ø 26mm - 1")

| | | | | | | | | | | | |
|-----------|------|-----|-----------------|-------------|------|-----|-------|------|----|---|--------------|
| 15 | 18in | 450 | F15W/827 | Polylux 827 | 2700 | 80+ | 12000 | 1000 | 25 | B | 29591 |
| | | | F15W/830 | Polylux 830 | 2950 | 80+ | 12000 | 1000 | 25 | B | 29600 |
| | | | F15W/840 | Polylux 840 | 4000 | 80+ | 12000 | 1000 | 25 | B | 29603 |



Fluorescent lamps

**Don't let an accident
cause an incident**



Cov-R-Guard™

- Complete shatter protection
- Quality protective sleeving
- Dependable UV- blocking
- Safety without sacrificing performance
- Cov-R-Guard™ lamps benefit from Polylux XLR™ triphosphor technology

- Long life
- Outstanding colour reproduction
- Excellent light output over life
- Reduced mercury content

Applications:

food processing, hospitals, supermarkets, schools, pharmaceutical, commercial kitchens, trains

Cov-R-Guard™ lamps

are wrapped in a casing of polycarbonate plastic that effectively contains glass fragments and phosphor if the lamp is broken. The casing allows for maximum protection with minimum light loss – keeping your installation bright and safe.

Both the casing and the lamp are fully recyclable, once separated.



T8 lamps

T8 Cov-R-Guard™ Polylux XLR™ - with Polycarbonate Shield

| 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 |
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T8 (Ø 26mm - 1')

| | | | | | | | | | | | |
|-----------|-----|-----|-----------------|-------------|------|----|-------|------|----|---|--------------|
| 18 | 2ft | 600 | F18W/830 | CVG/XLR 830 | 2950 | 85 | 15000 | 1300 | 25 | A | 17203 |
| | | | F18W/835 | CVG/XLR 835 | 3400 | 85 | 15000 | 1300 | 25 | A | 17204 |
| | | | F18W/840 | CVG/XLR 840 | 4000 | 85 | 15000 | 1300 | 25 | A | 17205 |
| | | | F18W/860 | CVG/XLR 860 | 6500 | 85 | 15000 | 1250 | 25 | A | 93430 |

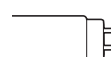
| | | | | | | | | | | | |
|-----------|-----|------|-----------------|-------------|------|----|-------|------|----|---|--------------|
| 36 | 4ft | 1200 | F36W/830 | CVG/XLR 830 | 2950 | 85 | 15000 | 3250 | 25 | A | 17208 |
| | | | F36W/835 | CVG/XLR 835 | 3400 | 85 | 15000 | 3250 | 25 | A | 17202 |
| | | | F36W/840 | CVG/XLR 840 | 4000 | 85 | 15000 | 3250 | 25 | A | 17209 |
| | | | F36W/860 | CVG/XLR 860 | 6500 | 85 | 15000 | 3200 | 25 | A | 93437 |

| | | | | | | | | | | | |
|-----------|-----|------|-----------------|-------------|------|----|-------|------|----|---|--------------|
| 58 | 5ft | 1500 | F58W/830 | CVG/XLR 830 | 2950 | 85 | 15000 | 5050 | 25 | A | 12403 |
| | | | F58W/835 | CVG/XLR 835 | 3400 | 85 | 15000 | 5050 | 25 | A | 12405 |
| | | | F58W/840 | CVG/XLR 840 | 4000 | 85 | 15000 | 5050 | 25 | A | 12407 |

| | | | | | | | | | | | |
|-----------|-----|------|-----------------|-------------|------|----|-------|------|----|---|--------------|
| 70 | 6ft | 1800 | F70W/830 | CVG/XLR 830 | 2950 | 85 | 15000 | 6100 | 25 | A | 12421 |
| | | | F70W/835 | CVG/XLR 835 | 3400 | 85 | 15000 | 6100 | 25 | A | 12423 |
| | | | F70W/840 | CVG/XLR 840 | 4000 | 85 | 15000 | 6100 | 25 | A | 12424 |

Polylux XLR™ Cov-R-Guard Rated Average Life on HF Electronic gear : 20000 hrs

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



T8 Standard Halophosphate

| Watt | Length Ft | Length mm | Product Description | Colour Type | CCT K | CRI Ra | Rated Average Life Hours | Initial lumens | Pack Qty | EE Class | Product Code |
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T8 (Ø 26mm - 1')

| | | | | | | | | | | | |
|-----------|------|-----|----------------|---------------|------|----|------|-----|----|---|--------------|
| 15 | 18in | 450 | F15W/29 | Warm White | 2950 | 51 | 9000 | 850 | 25 | B | 29527 |
| | | | F15W/35 | White | 3450 | 54 | 9000 | 850 | 25 | B | 29531 |
| | | | F15W/25 | Natural White | 4050 | 70 | 9000 | 775 | 25 | B | 29533 |
| | | | F15W/33 | Cool White | 4000 | 58 | 9000 | 850 | 25 | B | 29524 |
| | | | F15W/54 | Daylight | 6500 | 76 | 9000 | 750 | 25 | B | 29534 |
| | | | F15W/55 | Northlight | 6300 | 93 | 9000 | 550 | 25 | B | 29687 |

| | | | | | | | | | | | |
|-----------|-----|-----|----------------|------------|------|----|------|------|----|---|--------------|
| 18 | 2ft | 600 | F18W/29 | Warm White | 2950 | 51 | 9000 | 1150 | 25 | B | 29546 |
| | | | F18W/35 | White | 3450 | 54 | 9000 | 1150 | 25 | B | 37139 |
| | | | F18W/33 | Cool White | 4000 | 58 | 9000 | 1150 | 25 | B | 35098 |
| | | | F18W/25 | Natural | 4050 | 70 | 9000 | 1100 | 25 | B | 29548 |
| | | | F18W/54 | Daylight | 6500 | 76 | 9000 | 950 | 25 | B | 34883 |

| | | | | | | | | | | | |
|-----------|-----|-----|----------------|------------|------|----|------|------|----|---|--------------|
| 30 | 3ft | 900 | F30W/29 | Warm White | 2950 | 51 | 9000 | 2250 | 25 | B | 18145 |
| | | | F30W/35 | White | 3450 | 54 | 9000 | 2175 | 25 | B | 18147 |
| | | | F30W/33 | Cool White | 4000 | 58 | 9000 | 2175 | 25 | B | 18137 |
| | | | F30W/54 | Daylight | 6500 | 76 | 9000 | 1850 | 25 | B | 18146 |

| | | | | | | | | | | | |
|-----------|---|-----|-----------------|------------|------|----|------|------|----|---|--------------|
| 36 | - | 970 | F36WM/33 | Cool White | 4000 | 58 | 9000 | 2600 | 25 | B | 92518 |
| | | | F36WM/25 | Natural | 4050 | 70 | 9000 | 2250 | 25 | B | 92517 |
| | | | F36WM/54 | Daylight | 6500 | 76 | 9000 | 1900 | 25 | B | 92519 |

Fluorescent lamps

T8 Standard Halophosphate continued

| Watt | Length Ft | Length mm | Product Description | Colour Type | CCT K | CRI Ra | Rated Average Life Hours | Initial lumens | Pack Qty | EE Class | Product Code |
|--------------------------|-----------|-----------|---------------------|----------------|-------|--------|--------------------------|----------------|----------|----------|------------------|
| T8 (∅ 26mm - 1") | | | | | | | | | | | |
| 36 | 4ft | 1200 | F36W/29 | Warm White | 2950 | 51 | 9000 | 2850 | 25 | B | 29565 |
| | | | F36W/35 | White | 3450 | 54 | 9000 | 2850 | 25 | B | 37734 |
| | | | F36W/33 | Cool White | 4000 | 58 | 9000 | 2850 | 25 | B | 35099 |
| | | | F36W/54 | Daylight | 6500 | 76 | 9000 | 2350 | 25 | B | 34886 |
| | | | F36W/25 | Natural | 4050 | 70 | 9000 | 2600 | 25 | B | 29568 |
| 38 | 3.5ft | 1050 | F38W/35 | White | 3450 | 54 | 9000 | 2850 | 25 | B | 92520 |
| | | | F38W/36 | Deluxe Natural | 3500 | 92 | 9000 | 1750 | 25 | B | 29684 |
| 58 | 5ft | 1500 | F58W/29 | Warm White | 2950 | 51 | 9000 | 4600 | 25 | B | 29571/ 35354* |
| | | | F58W/35 | White | 3450 | 54 | 9000 | 4600 | 25 | B | 29575/ 37627* |
| | | | F58W/33 | Cool White | 4000 | 58 | 9000 | 4600 | 25 | B | 29570/ 35353* |
| | | | F58W/25 | Natural | 4050 | 70 | 9000 | 4100 | 25 | B | 29577 |
| | | | F58W/54 | Daylight | 6500 | 76 | 9000 | 3750 | 25 | B | 29580/ 35355* |
| 70 | 6ft | 1800 | F70W/29 | Warm White | 2950 | 51 | 9000 | 5550 | 25 | B | 29587 |
| | | | F70W/35 | White | 3450 | 54 | 9000 | 5550 | 25 | B | 29589 |
| | | | F70W/33 | Cool White | 4000 | 58 | 9000 | 5450 | 25 | B | 29586 |

* Products for UK and Ireland market

T8 Special Colours

| 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 |
|-------------------------|-----------|-----------|---------------------|-------------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
| T8 (∅26mm - 1") | | | | | | | | | | | |
| 15 | 18in | 450 | F15W/AR/FR | Fresh Aqua | 5000 | - | 7500 | 400 | 10 | B | 16977 |
| | | | F15W/AR/FS | Fresh & Salt Aqua | 9000+ | - | 9000 | 700 | 10 | B | 16965 |
| | | | F15W/AR/SA | Salt Water | 9000+ | - | 7500 | 210 | 10 | B | 16987 |
| | | | F15W/AR/REP | Reptile | 6400 | 82 | 7500 | 400 | 10 | B | 17002 |
| 18 | 2ft | 600 | F18W/AR/FR | Fresh Aqua | 5000 | - | 7500 | 600 | 10 | B | 16979 |
| | | | F18W/AR/FS | Fresh & Salt Aqua | 9000+ | - | 15000 | 950 | 10 | B | 16966 |
| | | | F18W/AR/SA | Salt Water | 9000+ | - | 7500 | 270 | 10 | B | 16988 |
| | | | F18W/AR/REP | Reptile | 6400 | 82 | 7500 | 550 | 10 | B | 17003 |
| 25 | 2.5ft | 750 | F25W/AR/FR | Fresh Aqua | 5000 | - | 7500 | 805 | 10 | B | 16980 |
| | | | F25W/AR/FS | Fresh & Salt Aqua | 9000+ | - | 15000 | 1350 | 10 | B | 16968 |
| | | | F25W/AR/SA | Salt Water | 9000+ | - | 7500 | 430 | 10 | B | 16991 |
| 30 | 3ft | 900 | F30W/AR/FR | Fresh Aqua | 5000 | - | 7500 | 1035 | 10 | B | 16981 |
| | | | F30W/AR/FS | Fresh & Salt Aqua | 9000+ | - | 15000 | 1700 | 10 | B | 16969 |
| | | | F30W/AR/SA | Salt Water | 9000+ | - | 7500 | 540 | 10 | B | 16992 |
| | | | F30W/AR/REP | Reptile | 6400 | 82 | 7500 | 1100 | 10 | B | 17004 |
| 36 | 4ft | 1200 | F36W/AR/FR | Fresh Aqua | 5000 | - | 7500 | 1425 | 10 | B | 16982 |
| | | | F36W/AR/FS | Fresh & Salt Aqua | 9000+ | - | 15000 | 2350 | 10 | B | 16970 |
| | | | F36W/AR/SA | Salt Water | 9000+ | - | 7500 | 700 | 10 | B | 16995 |
| | | | F36W/AR/REP | Reptile | 6400 | 82 | 7500 | 1250 | 10 | B | 17006 |
| 38 | 3.5ft | 1050 | F38W/AR/FR | Fresh Aqua | 5000 | - | 7500 | 1320 | 10 | B | 16984 |
| | | | F38W/AR/FS | Fresh & Salt Aqua | 9000+ | - | 15000 | 2200 | 10 | B | 16971 |
| | | | F38W/AR/SA | Salt Water | 9000+ | - | 7500 | 650 | 10 | B | 16999 |
| 58 | 5ft | 1500 | F58W/AR/FR | Fresh Aqua | 5000 | - | 7500 | 2225 | 10 | B | 16985 |
| | | | F58W/AR/FS | Fresh & Salt Aqua | 9000+ | - | 15000 | 3750 | 10 | B | 16972 |
| | | | F58W/AR/SA | Salt Water | 9000+ | - | 7500 | 1100 | 10 | B | 17000 |

T12 lamps

T12 Polylux

| 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 |
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|--------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T12 (Ø 38mm - 1 1/2")

| | | | | | | | | | | | |
|------------|-----|------|------------------|-------------|------|-----|-------|-------|----|---|--------------|
| 20 | 2ft | 600 | F20W/830 | Polylux 830 | 2950 | 80+ | 12000 | 1450 | 25 | B | 32659 |
| | | | F20W/840 | Polylux 840 | 4000 | 80+ | 12000 | 1450 | 25 | B | 29820 |
| 40 | 4ft | 1200 | F40W/830 | Polylux 830 | 2950 | 80+ | 12000 | 3350 | 25 | A | 32647 |
| | | | F40W/840 | Polylux 840 | 4000 | 80+ | 12000 | 3350 | 25 | A | 10572 |
| 65 | 5ft | 1500 | F65W/830 | Polylux 830 | 2950 | 80+ | 12000 | 5300 | 25 | B | 32655 |
| | | | F65W/840 | Polylux 840 | 4000 | 80+ | 12000 | 5300 | 25 | B | 29822 |
| 75 | 6ft | 1800 | F75W/830 | Polylux 830 | 2950 | 80+ | 12000 | 6550 | 25 | B | 32656 |
| | | | F75W/840 | Polylux 840 | 4000 | 80+ | 12000 | 6550 | 25 | B | 29823 |
| 85 | 8ft | 2400 | F85W/830 | Polylux 830 | 2950 | 80+ | 12000 | 7900 | 25 | B | 32696 |
| | | | F85W/840 | Polylux 840 | 4000 | 80+ | 12000 | 7900 | 25 | B | 30642 |
| 100 | 8ft | 2400 | F100W/830 | Polylux 830 | 2950 | 80+ | 12000 | 9100 | 25 | B | 31265 |
| | | | F100W/840 | Polylux 840 | 4000 | 80+ | 12000 | 9100 | 25 | B | 31266 |
| 125 | 8ft | 2400 | F125W/830 | Polylux 830 | 2950 | 80+ | 12000 | 10550 | 25 | B | 32658 |



Fluorescent lamps

T12 Standard Halophosphate



| Watt | Length Ft | Length mm | Product Description | Colour Type | CCT K | CRI Ra | Rated Average Life Hours | Initial lumens | Pack Qty | EE Class | Product Code |
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T12 (ø 38mm - 1 1/2")

| | | | | | | | | | | | |
|----|-----|-----|------------|---------------------|------|----|------|------|----|---|-------|
| 20 | 2ft | 600 | F20W/29 | Warm White | 2950 | 51 | 9000 | 1150 | 25 | B | 29747 |
| | | | F20W/35 | White | 3450 | 54 | 9000 | 1150 | 25 | B | 29748 |
| | | | F20W/33 | Cool White | 4000 | 58 | 9000 | 1150 | 25 | B | 29746 |
| | | | F20W/54 | Daylight | 6500 | 76 | 9000 | 950 | 25 | B | 29750 |
| | | | F20W/35/MS | White Metal Strip | 3450 | 54 | 9000 | 1150 | 25 | B | 29752 |
| | | | F20W/55 | Northlight | 6300 | 93 | 9000 | 700 | 25 | B | 29830 |
| | | | F20W/38 | Kolor-rite | 4000 | 89 | 9000 | 800 | 25 | B | 29831 |
| | | | F20W/AD | Artificial Daylight | 6500 | 92 | 9000 | 700 | 25 | B | 29835 |

| | | | | | | | | | | | |
|----|-----|-----|----------|-------|------|----|------|------|----|---|-------|
| 40 | 2ft | 600 | F40W2/35 | White | 3450 | 54 | 9000 | 1850 | 25 | B | 29762 |
|----|-----|-----|----------|-------|------|----|------|------|----|---|-------|

| | | | | | | | | | | | |
|----|-----|------|------------|------------------------|------|----|------|------|----|---|-------|
| 40 | 4ft | 1200 | F40W/29 | Warm White | 2950 | 51 | 9000 | 2950 | 25 | B | 29767 |
| | | | F40W/35 | White | 3450 | 54 | 9000 | 2950 | 25 | B | 29769 |
| | | | F40W/33 | Cool White | 4000 | 58 | 9000 | 2950 | 25 | B | 29765 |
| | | | F40W/25 | Natural White | 4050 | 70 | 9000 | 2500 | 25 | B | 29770 |
| | | | F40W/54 | Daylight | 6500 | 76 | 9000 | 2450 | 25 | B | 29771 |
| | | | F40W/35/MS | White Metal Strip | 3450 | 54 | 9000 | 2950 | 25 | B | 39955 |
| | | | F40W/33/MS | Cool White Metal Strip | 4000 | 58 | 9000 | 2950 | 25 | B | 39938 |
| | | | F40W/55 | Northlight | 6300 | 93 | 9000 | 1900 | 25 | B | 29839 |
| | | | F40W/38 | Kolor-rite | 4000 | 89 | 9000 | 2000 | 25 | B | 29840 |
| | | | F40W/AD | Artificial Daylight | 6500 | 92 | 9000 | 1750 | 25 | B | 29843 |

| | | | | | | | | | | | |
|----|-----|------|------------|---------------------|------|----|------|------|----|---|-------|
| 65 | 5ft | 1500 | F65W/29 | Warm White | 2950 | 51 | 9000 | 4750 | 25 | B | 29780 |
| | | | F65W/35 | White | 3450 | 54 | 9000 | 4750 | 25 | B | 91314 |
| | | | F65W/33 | Cool White | 4000 | 58 | 9000 | 4750 | 25 | B | 36434 |
| | | | F65W/25 | Natural | 4050 | 70 | 9000 | 4000 | 25 | B | 29783 |
| | | | F65W/54 | Daylight | 6500 | 76 | 9000 | 3900 | 25 | B | 91313 |
| | | | F65W/35/MS | White Metal Strip | 3450 | 54 | 9000 | 4750 | 25 | B | 39934 |
| | | | F65W/38 | Kolor-rite | 4000 | 89 | 9000 | 3300 | 25 | B | 29848 |
| | | | F65W/AD | Artificial Daylight | 6500 | 92 | 9000 | 2950 | 25 | B | 29850 |

| | | | | | | | | | | | |
|----|-----|------|---------|------------|------|----|------|------|----|---|-------|
| 75 | 6ft | 1800 | F75W/29 | Warm White | 2950 | 51 | 9000 | 5750 | 25 | B | 29794 |
| | | | F75W/35 | White | 3450 | 54 | 9000 | 5750 | 25 | B | 29795 |
| | | | F75W/33 | Cool White | 4000 | 58 | 9000 | 5700 | 25 | B | 29792 |
| | | | F75W/55 | Northlight | 6300 | 93 | 9000 | 3700 | 25 | B | 29855 |
| | | | F75W/38 | Kolor-rite | 4000 | 89 | 9000 | 3900 | 25 | B | 29856 |

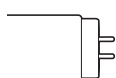
| | | | | | | | | | | | |
|----|-----|------|---------|-------|------|----|------|------|----|---|-------|
| 85 | 8ft | 2400 | F85W/35 | White | 3450 | 54 | 9000 | 7100 | 25 | B | 31244 |
|----|-----|------|---------|-------|------|----|------|------|----|---|-------|

| | | | | | | | | | | | |
|-----|-----|------|----------|----------------|------|----|------|------|----|---|-------|
| 100 | 8ft | 2400 | F100W/35 | White | 3450 | 54 | 9000 | 8300 | 25 | B | 31246 |
| | | | F100W/33 | Cool White | 4000 | 58 | 9000 | 8100 | 25 | B | 31260 |
| | | | F100W/55 | Northlight | 6300 | 93 | 9000 | 5500 | 25 | B | 31245 |
| | | | F100W/36 | Deluxe Natural | 3500 | 92 | 9000 | 4900 | 25 | B | 31252 |

| | | | | | | | | | | | |
|-----|-----|------|----------|------------|------|----|------|------|----|---|-------|
| 125 | 8ft | 2400 | F125W/35 | White | 3450 | 54 | 9000 | 9200 | 25 | B | 31247 |
| | | | F125W/33 | Cool White | 4000 | 58 | 9000 | 9100 | 25 | B | 31248 |
| | | | F125W/55 | Northlight | 6300 | 93 | 9000 | 6000 | 25 | B | 31255 |
| | | | F125W/54 | Daylight | 6500 | 76 | 9000 | 7700 | 25 | B | 31268 |

T12 Rapid Start

T12 (ø 38mm - 1 1/2")



| | | | | | | | | | | | |
|----|-----|-----|----------------|------------|------|----|------|------|----|---|-------|
| 20 | 2ft | 600 | F20W/33/IRS/RS | Cool White | 4000 | 58 | 9000 | 1150 | 25 | B | 39929 |
| | | | F20W/54/IRS/RS | Daylight | 6500 | 76 | 9000 | 950 | 25 | B | 39945 |

| | | | | | | | | | | | |
|----|-----|------|----------------|------------|------|----|------|------|----|---|-------|
| 40 | 4ft | 1200 | F40W/29/RS | Warm White | 2950 | 51 | 9000 | 2950 | 25 | B | 29776 |
| | | | F40W/33RS | Cool White | 4000 | 58 | 9000 | 2950 | 25 | B | 29775 |
| | | | F40W/54/RS | Daylight | 6500 | 76 | 9000 | 2450 | 25 | B | 93372 |
| | | | F40W/33/IRS/RS | Cool White | 4000 | 58 | 9000 | 2950 | 25 | B | 39943 |

| | | | | | | | | | | | |
|----|-----|------|----------------|------------|------|----|------|------|----|---|-------|
| 65 | 5ft | 1500 | F65W/33/RS | Cool White | 4000 | 58 | 9000 | 4750 | 25 | B | 29791 |
| | | | F65W/33/IRS/RS | Cool White | 4000 | 58 | 9000 | 4750 | 25 | B | 39941 |

T12 lamps

T12 Blacklight Blue

| Watt | Length Ft | Length mm | Product Description | Colour Type | CCT K | CRI Ra | Rated Average Life Hours | Initial lumens | Pack Qty | EE Class | Product Code |
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T12 (Ø 38mm - 11½")

| | | | | | | | | | | | |
|----|------|--|-----------------|-----------------|---|---|-------|---|---|---|--------------|
| 20 | 600 | | F20W/BLB | Blacklight Blue | - | - | 9000 | - | 6 | - | 34747 |
| 40 | 1200 | | F40W/BLB | Blacklight Blue | - | - | 20000 | - | 6 | - | 25618 |



T12 HO and VHO

T12 (Ø 38mm - 11½")

| | | | | | | | | | | | |
|-----|------|------|-----------------------|------------|------|----|-------|-------|----|---|--------------|
| 110 | 96in | 2400 | F96T12/CW/HO | Cool White | 4100 | 60 | 12000 | 8900 | 15 | - | 12540 |
| 215 | 96in | 2400 | F96T12/CW/1500 | Cool White | 4100 | 60 | 10000 | 13500 | 15 | - | 13781 |



T12 Slimline™

T12 (Ø 38mm - 11½")

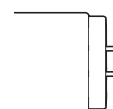
| | | | | | | | | | | | |
|----|------|------|------------------|------------|------|----|-------|------|----|---|--------------|
| 75 | 96in | 2400 | F96T12/CW | Cool White | 4150 | 60 | 12000 | 6150 | 15 | - | 25619 |
|----|------|------|------------------|------------|------|----|-------|------|----|---|--------------|



T17 Power Groove® Rapid Start

T17 (Ø 54mm - 21½")

| | | | | | | | | | | | |
|-----|------|------|-------------------|------------|------|----|-------|-------|---|---|--------------|
| 215 | 96in | 2400 | F96PG17/CW | Cool White | 4150 | 60 | 10000 | 14000 | 8 | - | 11009 |
|-----|------|------|-------------------|------------|------|----|-------|-------|---|---|--------------|

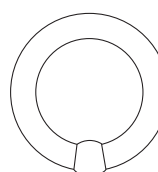


Circline™

| Watt | Length Ft | Length mm | Product Description | Colour Type | CCT K | CRI Ra | Rated Average Life Hours | Initial lumens | Pack Qty | EE Class | Product Code |
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|
|------|-----------|-----------|---------------------|-------------|-------|--------|--------------------------|----------------|----------|----------|--------------|

T9 (Ø 34.1mm - 11⅙")

| | | | | | | | | | | | |
|----|-------|--|------------------|------------|------|----|-------|------|----|---|--------------|
| 22 | 209.5 | | FC8T9/D | Daylight | 6250 | 75 | 9000 | 875 | 12 | B | 92296 |
| | | | FC8T9/CW | Cool White | 4150 | 58 | 9000 | 1000 | 12 | B | 92295 |
| 32 | 311.2 | | FC12T9/CW | Cool White | 4150 | 62 | 9000 | 1825 | 12 | B | 92297 |
| | | | FC12T9/D | Daylight | 6250 | 75 | 9000 | 1550 | 12 | B | 92298 |
| 40 | 412.6 | | FC16T9/WW | Warm White | 3000 | 51 | 12000 | 2800 | 12 | B | 35275 |
| | | | FC16T9/CW | Cool White | 4150 | 62 | 12000 | 2700 | 12 | B | 35276 |
| | | | FC16T9/D | Daylight | 6250 | 75 | 12000 | 2500 | 12 | B | 35278 |
| 60 | 412.6 | | FC1660/WW | Warm White | 3000 | 51 | 12000 | 3700 | 12 | B | 29886 |



Mod-U-Line™

T8 (Ø 38mm - 11½")

| | | | | | | | | | | | |
|----|-----|--|-------------------|-------------|------|-----|------|------|----|---|--------------|
| 40 | 525 | | F40UT8/835 | Polylux 835 | 3400 | 80+ | 7500 | 3250 | 20 | A | 29904 |
| | | | F40UT8/29 | Warm White | 3000 | 57 | 7500 | 2875 | 20 | B | 29888 |
| | | | F40UT8/35 | White | 3450 | 54 | 7500 | 2875 | 20 | B | 29891 |
| | | | F40UT8/33 | Cool White | 4200 | 58 | 7500 | 2875 | 20 | B | 29892 |



Fluorescent lamps

Starters



| Order Code | Product Description | Pack Qty | Product Code |
|------------|-------------------------------------|---------------|--------------|
| 155/200 | 15/22W 110V single or 220/240V twin | 250 (10 x 25) | 36711 |
| 155/200 | | 2000 | 36714 |
| 155/500 | 4/65W universal 220/240V | 250 (10 x 25) | 36536 |
| 155/500 | | 2000 | 36537 |
| 155/800 | 75/125W 240V | 250 (10 x 25) | 37864 |
| 155/800 | | 2000 | 37729 |
| 155/801 | 70/100W 240V | 250 (10 x 25) | 37975 |
| 155/801 | | 2000 | 37974 |

Brand cross-reference



| GE Product Description | Osram | Philips | SLI |
|----------------------------|---------------------------------|------------------------------------|------------------------------|
| Starcoat™ T5 | Lumilux Plus FH & FQ | TL5 Super 80 | T5 Miniature Lamps |
| 827 | - | 827 | 827 |
| 830 | 830 | 830 | 830 |
| 835 | - | 835 | 835 |
| 840 | 840 | 840 | 840 |
| 865 | - | 865 | 865 |
| Polylux XLR™ | Lumilux Plus Eco | TLD Super 80 New Generation | |
| 827 | 41/827 | 827 | - |
| 830 | 31/830 | 830 | - |
| 835 | - | - | - |
| 840 | 21/840 | 840 | - |
| Cov-R-Guard™ | Splinter Protection | TLD SECURA | Shatter Proof Sleeves |
| 830 | - | 830 | 827 |
| 835 | - | - | 830 |
| 840 | 840 | 840 | 840 |
| Polylux XL™ | Lumilux Plus | TLD Super 80 New Generation | Luxline Plus |
| 827 | 41/827 | 827 | 827 |
| 830 | 31/830 | 830 | 830 |
| 835 | 26/835 | - | 835 |
| 840 | 21/840 | 840 | 840 |
| 860 | 11/860 | 865 | 860 |
| Polylux De Luxe | Lumilux De Lux | Super 90 | Luxline |
| 930 | 32/930 | 930 | 193 |
| 940 | 22/940 | 940 | 194 |
| Standard | Lumilux De Lux | Super 90 | Luxline |
| 25 Natural/Universal White | 25 | 25 | 125 |
| 29 Warm White | 30 | 29 | 129 |
| 35 White | 23 | 35 | 135 |
| 33 Cool White | 20 | 33 | 133 |
| 54 Daylight | 10 | 54 | 154 |
| Circline™ | Circular Fluorescent | TLE | Circular Fluorescent |
| Mod-U-Line™ | - | - | - |

This table shows GE and alternative brand order codes. These cross references are provided as a quick reference and may only represent a near equivalent to other brands. The table contains data from alternative brands' catalogues.

General information

Fluorescent lamps

Fluorescent lamps provide a much more dispersed light than 'point' sources such as incandescent, halogen or discharge lamps. This quality, along with their outstanding energy efficiency, make them ideally suited for lighting large open areas such as offices and industrial buildings.

Standard fluorescent lamps use halophosphate lamp coatings. These lamps are used where low initial cost is the most important factor. However, higher performance lamps using triphosphor coatings, such as GE's Polylux XL™ lamps, are now increasingly being used as they provide significant energy savings.

The effects of switching on+off

Frequent switching on+off of fluorescent lamps can reduce their operational life. The graph, Fig 1 below, shows the effect on a lamp's life of different switching cycles.

Although a lamp that is only switched on and off rarely will last longer, light output does fall in the latter stage of a lamp's life.

The effects of temperature change

Fluorescent lamps are designed to produce their optimum light output at an ambient temperature of 25°C. However, when installed in a lamp fitting, the temperature of the air

surrounding a lamp can change and affect the light output of the lamp. The effects of changes in ambient temperature for a typical lamp are shown in the graph, Fig 2 below.

Using electronic ballasts

The efficiency of fluorescent lamps can be improved by increasing the frequency of the mains voltage supplied to them. Electronic ballasts and controls can be used to increase the normal mains frequency of 50/60Hz to 25/30KHz improving lamp efficiency by approximately 10%. Electronic ballasts also consume less power than conventional ballasts and when combined with other efficiency benefits, electronic ballasts can achieve power savings of around 20% compared to conventional 50/60Hz systems with the same light output levels.

Light-output data

The lumen output figures quoted are measured at 25°C in accordance with EN60081 and EN60901.

Caution notice

Handle and install all fluorescent lamps with care. Turn off power before installing lamps.

