39 kWh/1000h

A energy class

104 lumens/watt

T5 LongLast™ - High Efficiency, G5 Cap

FT5/35W/827/GE/LL/SL1/30

61099

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GE Lighting
61099
FT5/35W/827/GE/LL/SL1/30

A++
A+
A
B
C
D
E

A

39 kWh/1000h

Product information

T5 LongLast™ lamps are triphosphor fluorescent lamps with 16mm outer diameter (5/8 of an inch). These lamps feature "Starcoat™ Technology" that delivers high quality triphosphor performance. GE produces two ranges of T5 LongLast™ lamps in 4 different lengths:

• High Efficiency offering high lumens per watt

• High Output offering improved lumen package

Application areas

Retail

Office

Education

Industrial
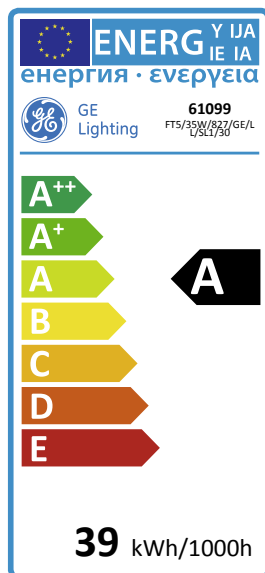
WORLDWIDE PARTNER

Product data

Cap/Base	G5
Bulb Shape	Tubular
Bulb Diameter [mm]	16
Bulb maximum overall diameter [mm]	16
Cap to Cap Length (Max) [mm]	1449
Net weight per piece [g]	125
Gross weight per piece [g]	160
Mercury Content [mg]	2.5
UV radiance	Exempt
Regulatory comment	EUP related
Brand	General Electric (GE)

Performance data

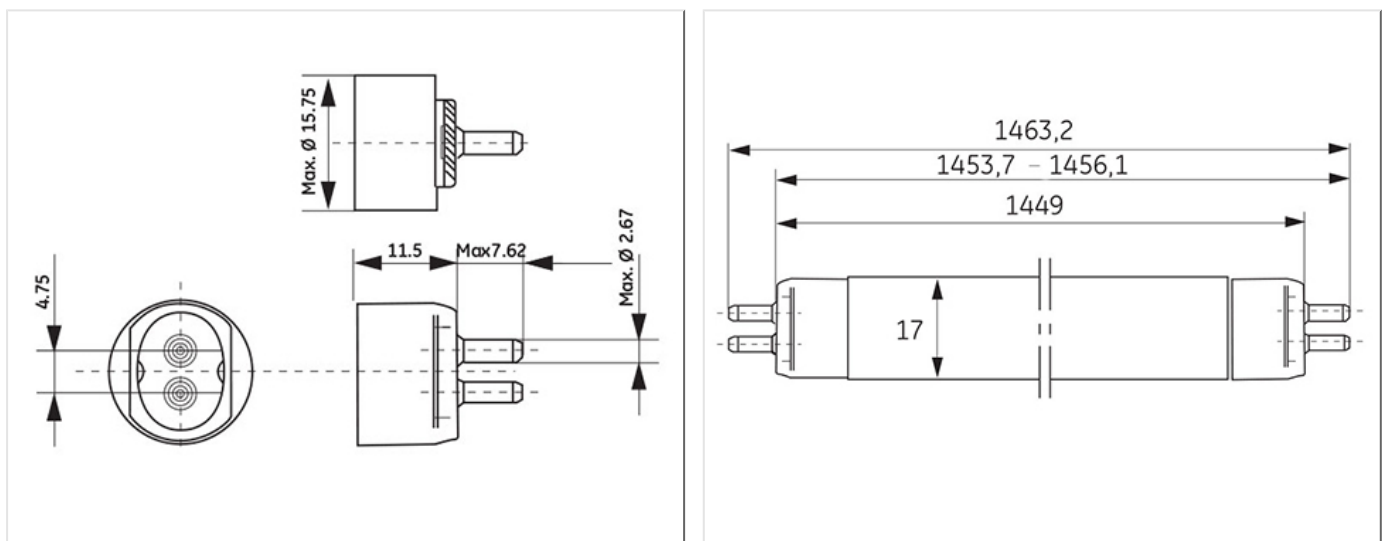|	
Colour Code	827
Colour Rendering Index (CRI) [Ra]	85
Nominal correlated colour temperature (CCT) [K]	2700
Nominal lumens [lm]	3650
Lumen at 25°C [lm]	3320
Rated efficacy [lm/W]	105
Energy efficiency class (EEC)	A
Rated Life [h]	30000
Rated median life on electronic (HF) ballast on IEC 12-hour cycle	36000
Rated median life on electronic (HF) ballast on IEC 3-hour cycle	30000
Weighted energy consumption [kWh/1000h]	38.32

Electrical data

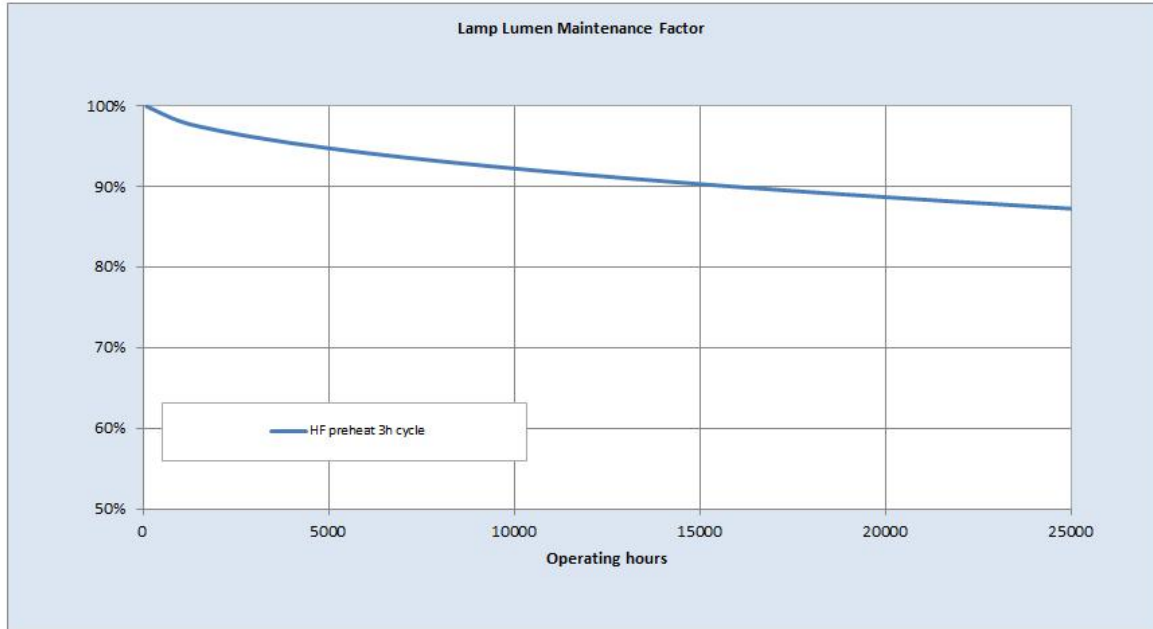|	
Nominal power [W]	35
Design Ambient Temperature [°C]	35
Design Lamp ambient temperature [°C]	35
Starting ambient temperature range	-15
Dimming Capability	Yes

Logistic data

DUN Code	10043168610992
EAN Code	0043168902571
Pack Quantity	30
Inner pack type	SLEEVE
Outer pack type	OUTER BOX
Layer quantity	210 Special
Pallet quantity EUR (PC)	1520
Pallet quantity UK (PC)	2000
Outer case size	1490 x 120 x 102 (mm)
Product status	Available

Technical drawing

Lumen maintenance data

Survival data

Service life data

Service Life

Legend: HF preheat 3h cycle, HF preheat 12h cycle
X-axis: Operating hours
Y-axis: 80% to 100%
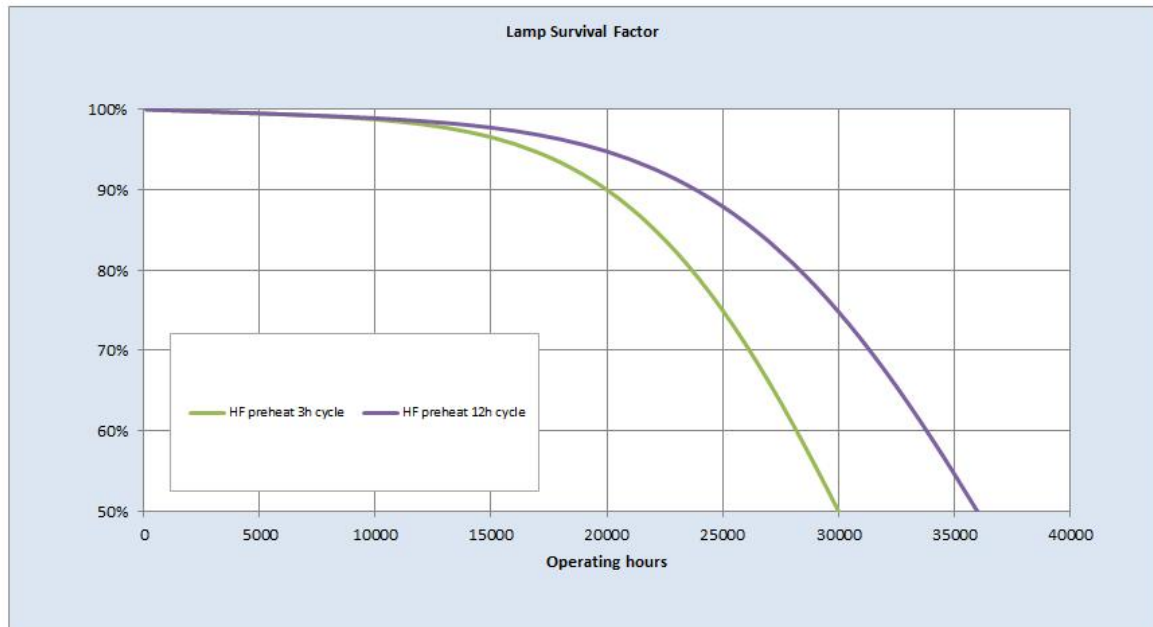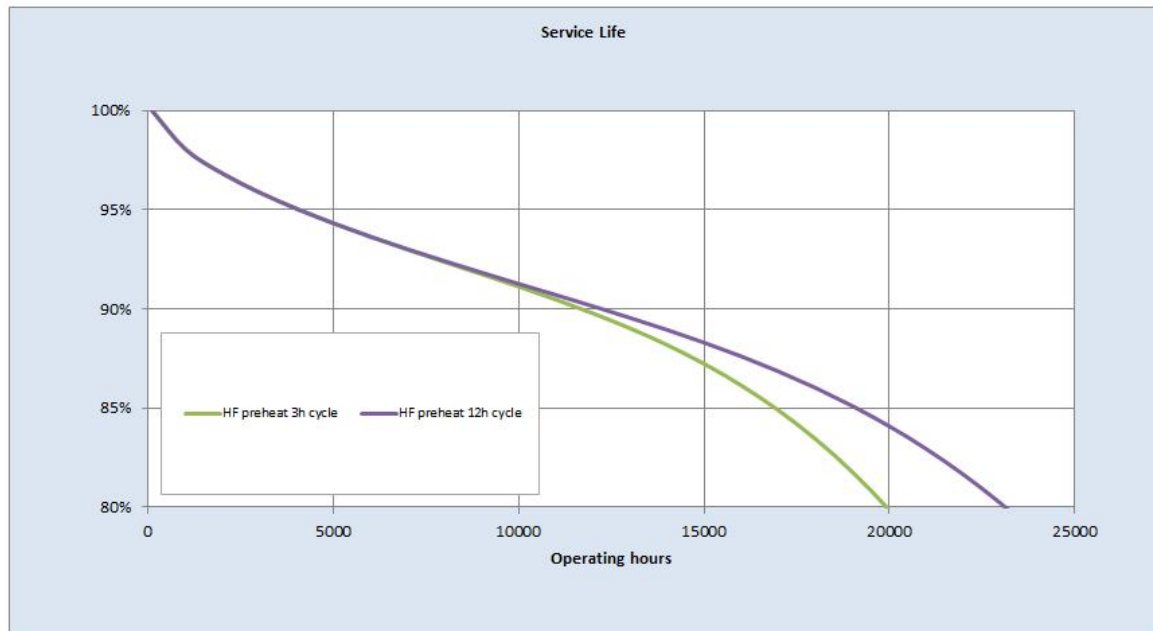
Downloads & Links

Go to the catalog site (HTTP)

Linear Fluorescent Lamps Catalogue (PDF)

LFL T5 LongLast™ Lamps - Data sheet (EN) (PDF)

Lighting design tools & calculators (HTTP)

High-res images / Technical drawings (HTTP)

Certificate for the Quality Management System of GE Lighting EMEA (PDF)

Certificate for the Environmental Management System of GE Lighting EMEA (PDF)