

88
kWh/1000h

A+
energy class

88
lumens/watt

T5 LongLast™ - High Output, G5 Cap

FT5/80W/840/GE/LL/SL1/30

78709

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 | Healthcare |
| Hospitality | Industrial |



Product data

Product Code	78709
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
Brand	GE Lighting
Cap/Base	G5

Performance data

Colour Code	840
Rated Lumens [lm]	7000
Lumen at 25°C [lm]	6250
Weighted energy consumption [kWh/1000h]	87.78
Rated efficacy [lm/W]	88
Energy efficiency class (EEC)	A+
Rated Life [h]	30000
Rated median life on electronic (HF / ECG) ballast on IEC 12-hour cycle	36000
Rated median life on electronic (HF / ECG) ballast on IEC 3-hour cycle	30000
Nominal correlated colour temperature (CCT) [K]	4000
Nominal lumens [lm]	7000
Colour Rendering Index (CRI) [Ra]	85

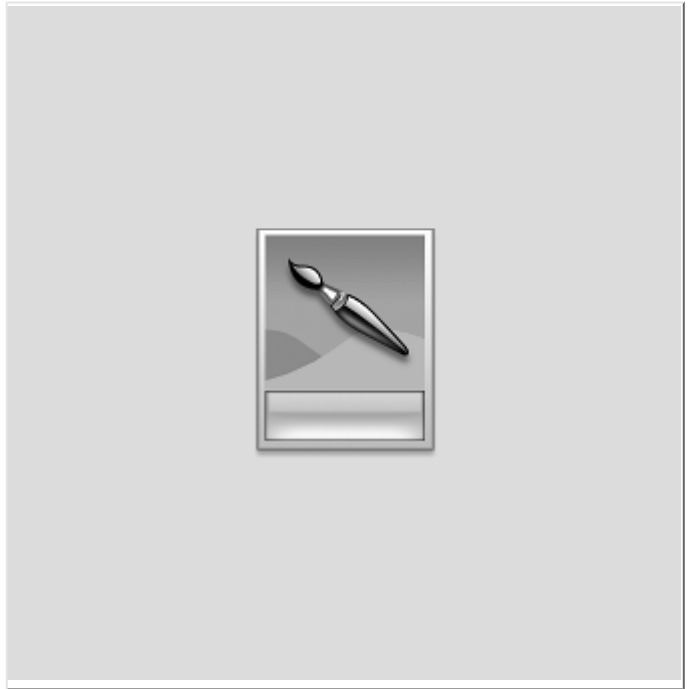
Electrical data

Rated power [W]	79.8
Design Ambient Temperature [°C]	35
Design Lamp ambient temperature [°C]	35
Starting ambient temperature range	-15
Dimming Capability	Yes
Nominal power [W]	80.0

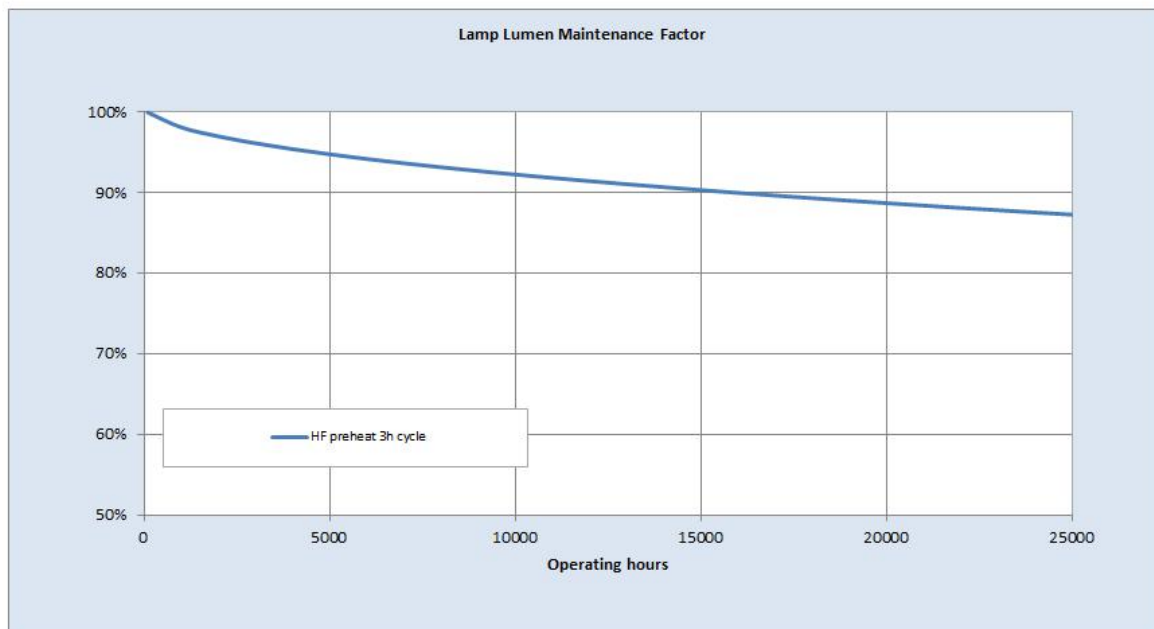
Logistic data

DUN Code	10043168787090
EAN Code	0043168902854
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

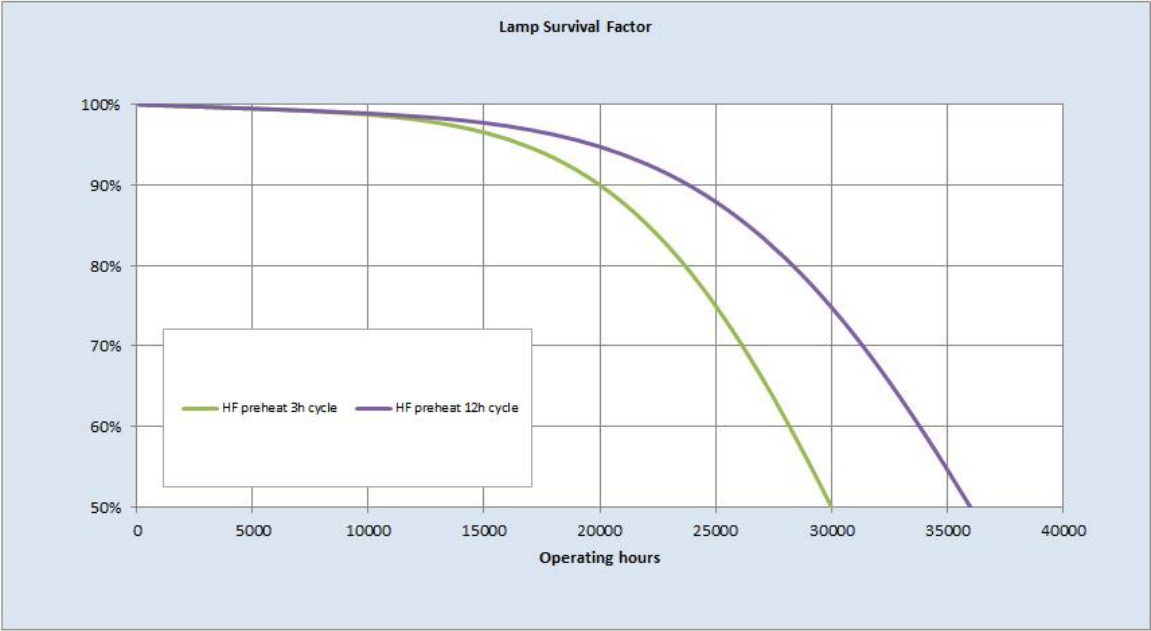
Technical drawing



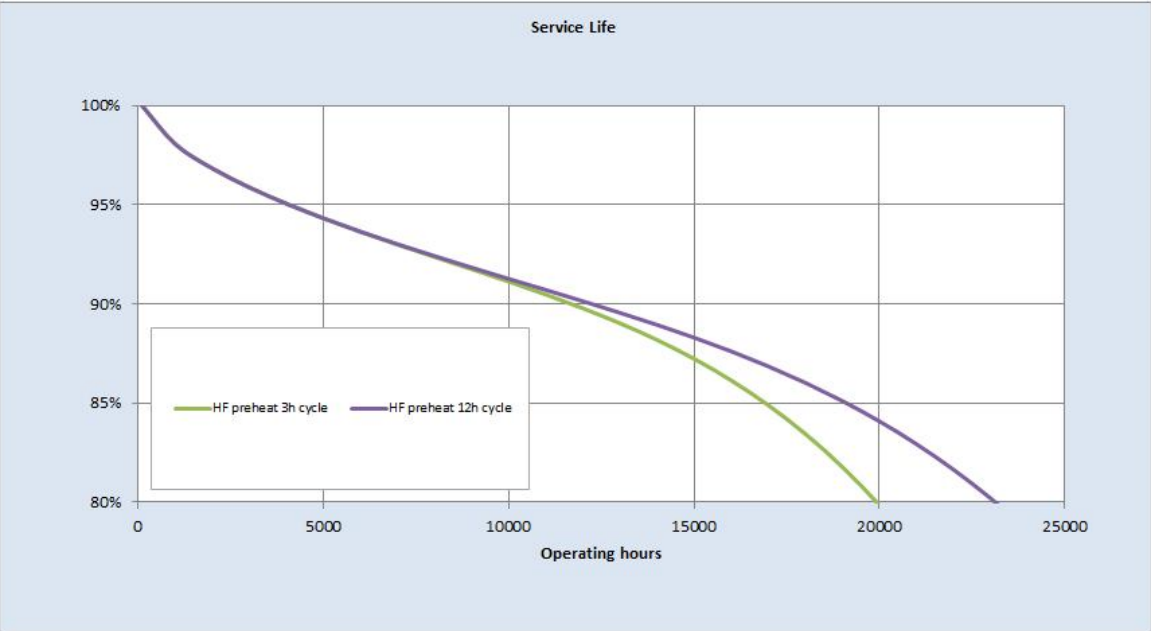
Lumen maintenance data



Survival data



Service life data



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 \(HTTP\)](#)

[LFL Lamps Spectrum Catalogue \(EN\) \(PDF\)](#)

[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 \(PDF\)](#)