

**31**  
kWh/1000h

**A+**  
energy class

**96**  
lumens/watt

## T5 LongLast™ - High Efficiency, G5 Cap

FT5 LL HE 28W 865 TU SL1/30  
93096202

### 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



## Product data

Product Code	93096202
Bulb Shape	Tubular
Bulb Diameter [mm]	16
Bulb maximum overall diameter [mm]	16
Cap to Cap Length (Max) [mm]	1149
Net weight per piece [g]	101
Gross weight per piece [g]	130
Mercury Content [mg]	2.5
UV radiance	Exempt
Brand	Tungsram
Cap/Base	G5

## Performance data

Colour Code	865
Rated Lumens [lm]	2700
Lumen at 25°C [lm]	2450
Weighted energy consumption [kWh/1000h]	30.69
Rated efficacy [lm/W]	97
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]	6400
Nominal lumens [lm]	2700
Colour Rendering Index (CRI) [Ra]	85

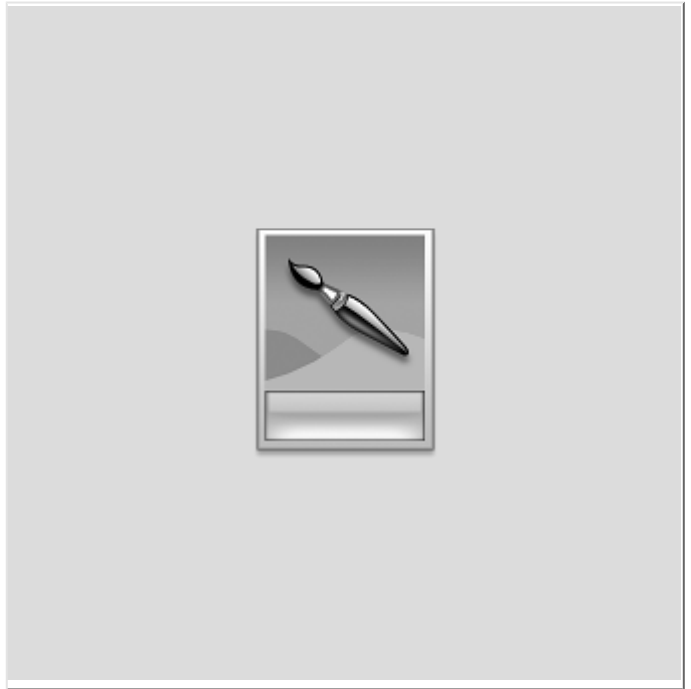
### Electrical data

Rated power [W]	27.9
Design Ambient Temperature [°C]	35
Design Lamp ambient temperature [°C]	35
Starting ambient temperature range	-15
Dimming Capability	Yes
Nominal power [W]	28

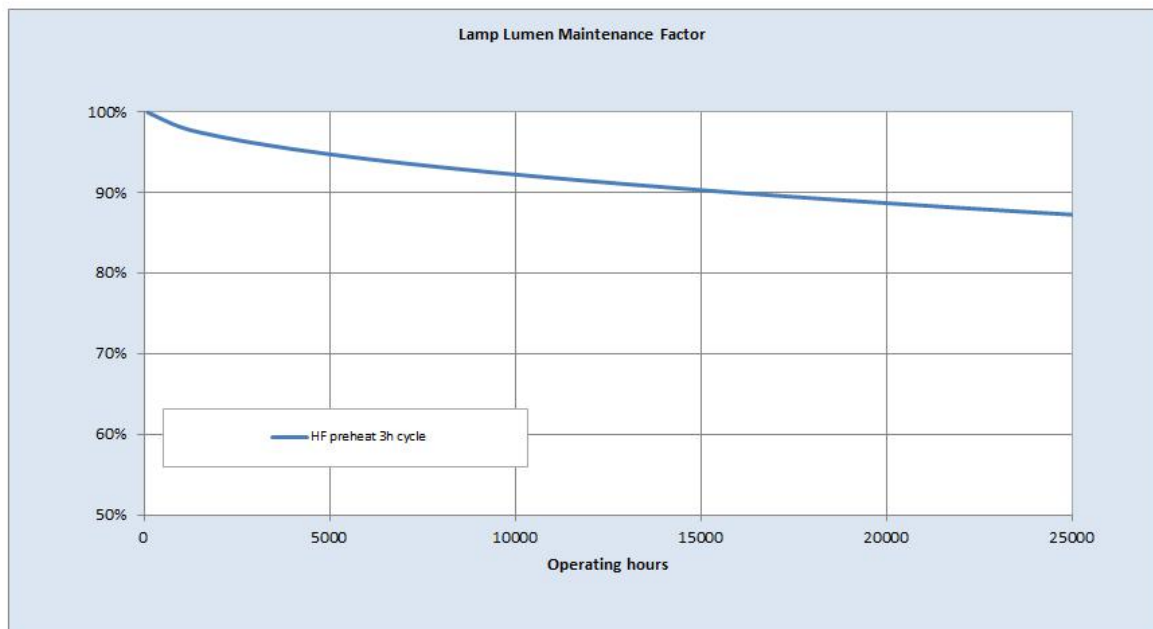
### Logistic data

Shipment	Standard
DUN Code	15994100016158
EAN Code	5994100016151
Pack Quantity	30
Inner pack type	SLEEVE
Outer pack type	OUTER BOX
Layer quantity	180 EUR, 240 UK
Layer quantity EUR	180
Layer quantity UK	240
Pallet quantity EUR (PC)	1800
Pallet quantity UK (PC)	2400
Outer case size	1190 x 120 x 102 (mm)
Product status	Available

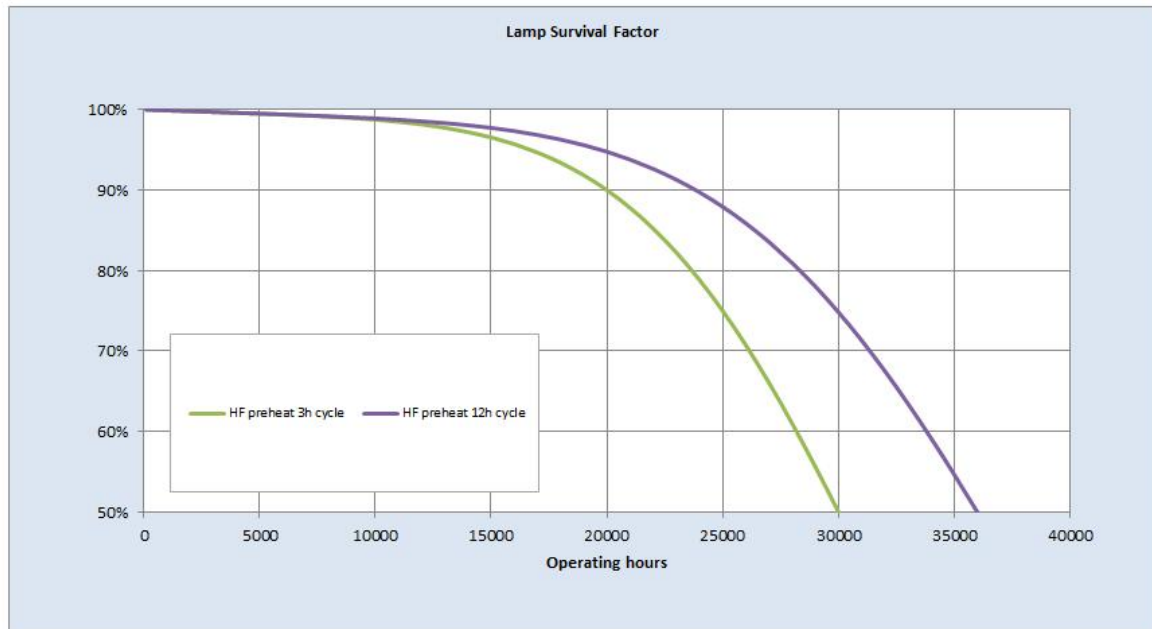
## Technical drawing



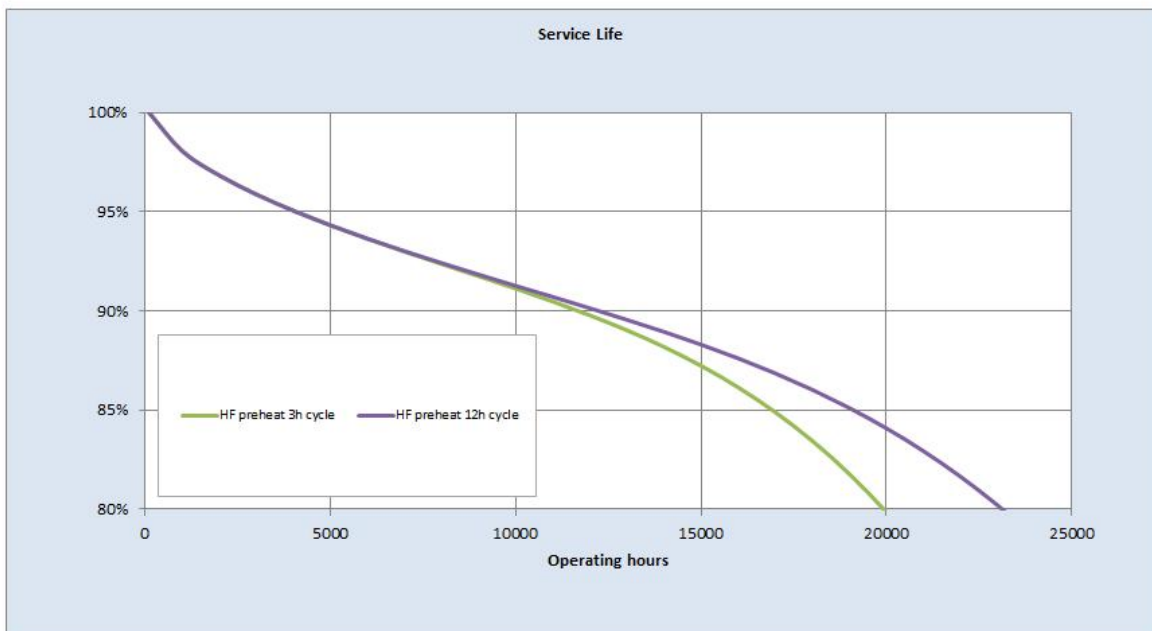
## Lumen maintenance data



## 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 \(HTTP\)](#)

[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 \(PDF\)](#)

## Disclaimer

Lumen maintenance may vary for lamps with colour temperature  $\geq 5000\text{K}$