

31
kWh/1000h

A+
energy class

104
lumens/watt

T5 LongLast™ - High Efficiency, G5 Cap

FT5 LL HE 28W 840 TU SL1/30
93096201

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	93096201
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	840
Rated Lumens [lm]	2900
Lumen at 25°C [lm]	2640
Weighted energy consumption [kWh/1000h]	30.69
Rated efficacy [lm/W]	104
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]	2900
Colour Rendering Index (CRI) [Ra]	85

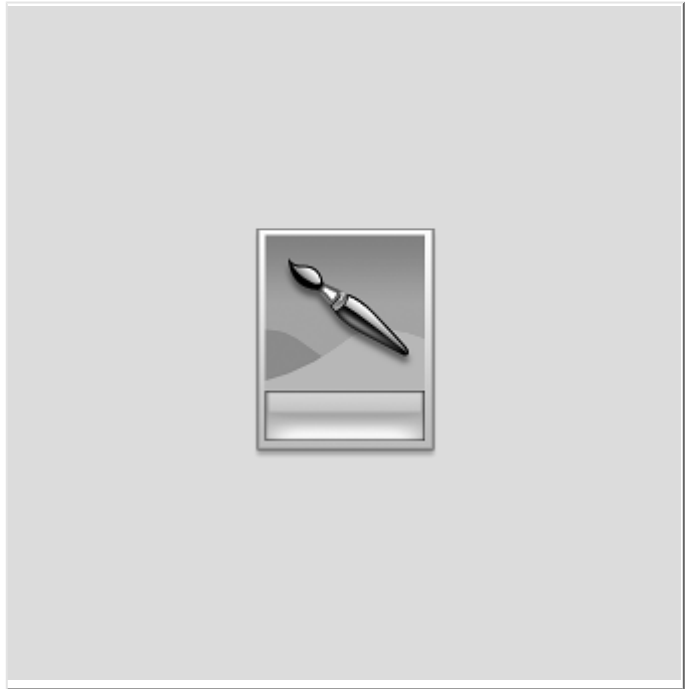
Electrical data

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

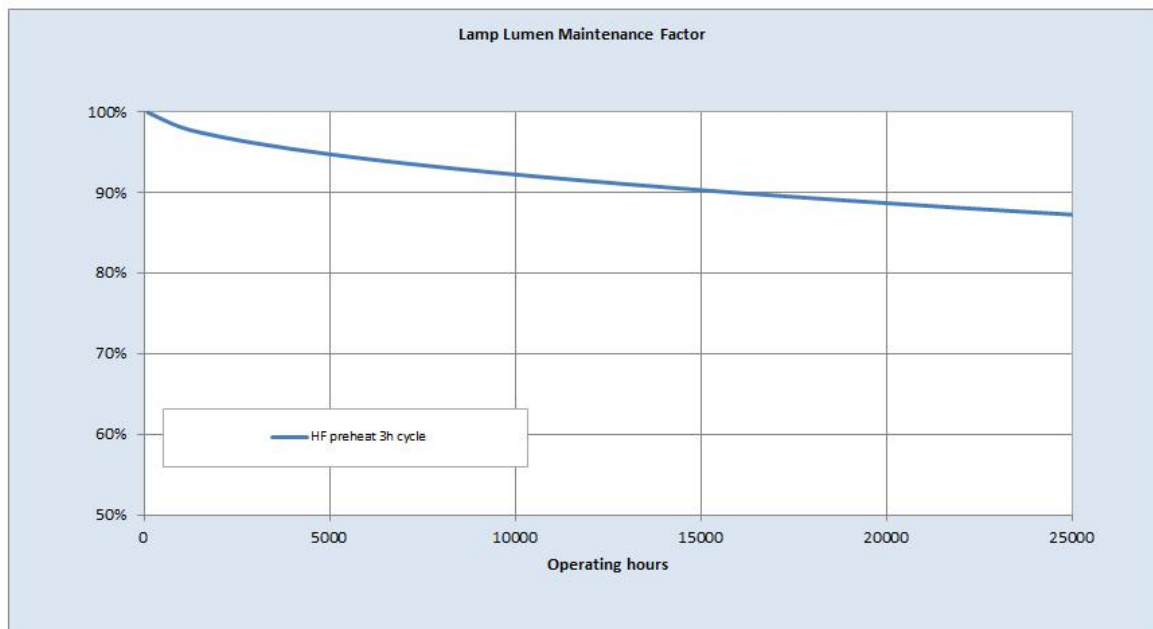
Logistic data

Shipment	Standard
DUN Code	15994100016141
EAN Code	5994100016144
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

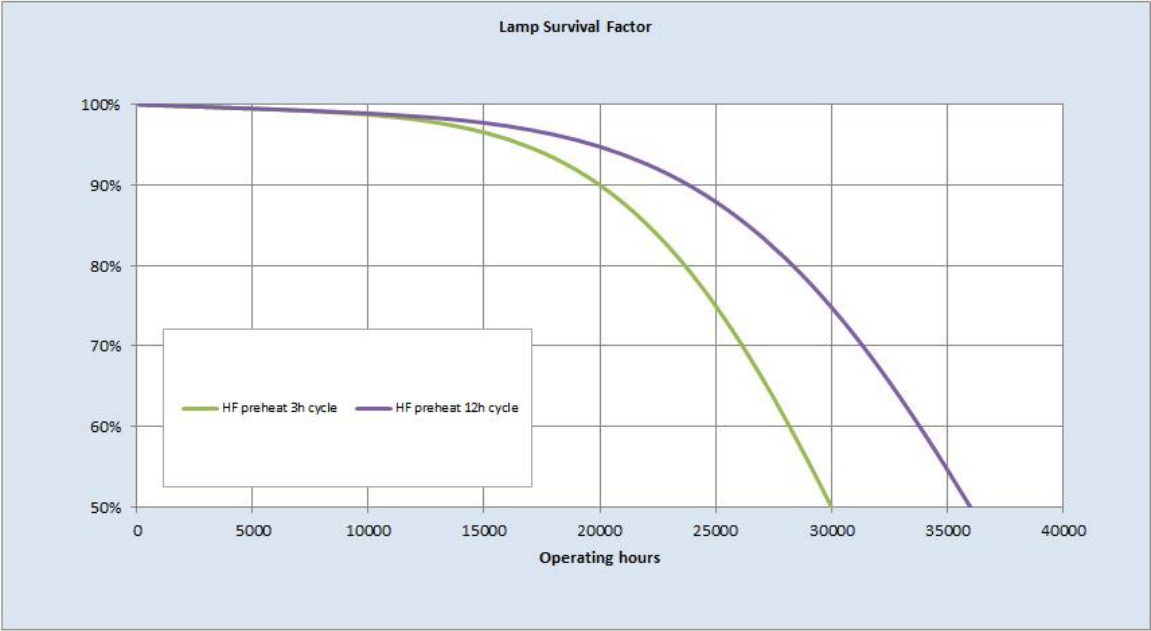
Technical drawing



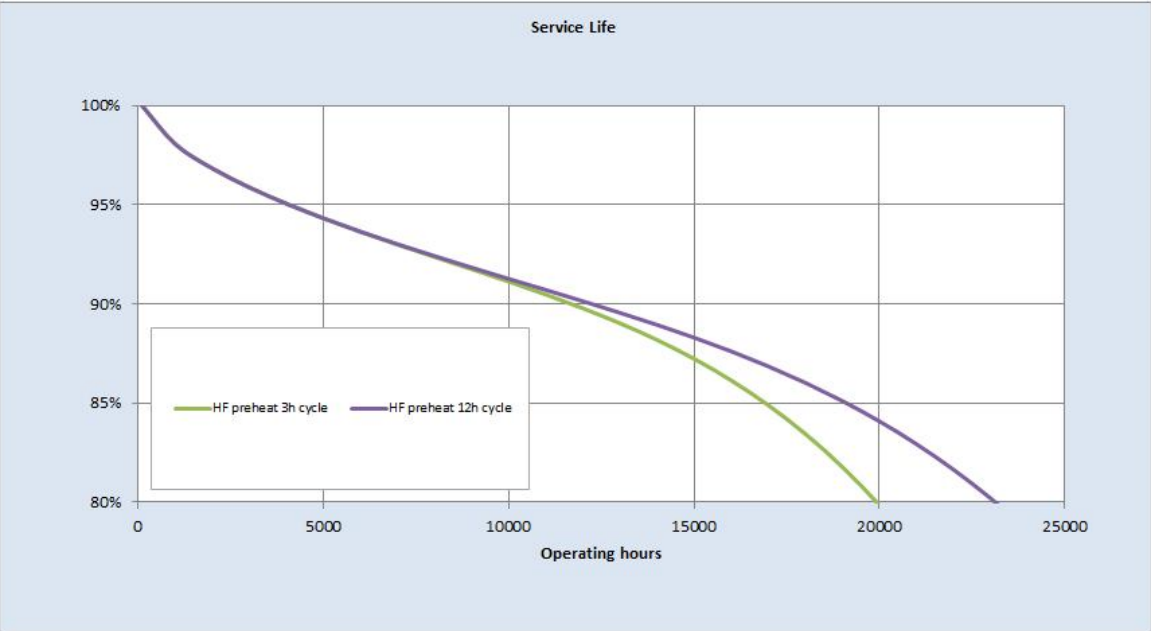
Lumen maintenance data



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 \(PDF\)](#)