



GE
Lighting

56
kWh/1000h

A+
energy class

93
lumens/watt

T5 Watt-Miser™ - High Output, G5 Cap

FT5/51W/840/GE/WM/SL1/30

61074

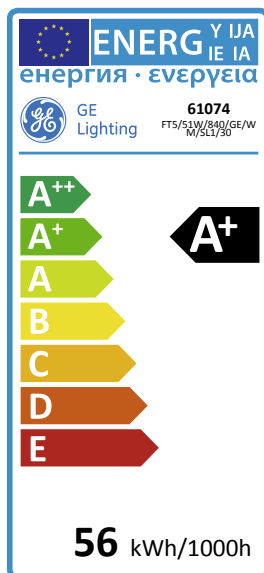


Product information

T5 Watt-Miser™ lamps are energy saving triphosphor fluorescent lamps with 16mm outer diameter for general T5 lighting applications.

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]	1149
Net weight per piece [g]	101
Gross weight per piece [g]	130
Mercury Content [mg]	2.5
UV radiance	Exempt
Regulatory comment	EUP related
Brand	General Electric (GE)

Performance data

Colour Code	840
Colour Rendering Index (CRI) [Ra]	85
Nominal correlated colour temperature (CCT) [K]	4000
Nominal lumens [lm]	5000
Lumen at 25°C [lm]	4460
Rated efficacy [lm/W]	98
Rated efficacy 25°C EM preheat	87
Rated efficacy 25°C HF preheat	87
Rated efficacy 35°C EM preheat	98
Rated efficacy 35°C HF preheat	98
Energy efficiency class (EEC)	A+
Lamp Lumen Maintenance factor (2000 hours)	97%
Lamp Lumen Maintenance factor (4000 hours)	95%
Lamp Lumen Maintenance factor (6000 hours)	94%
Lamp Lumen Maintenance factor (8000 hours)	93%
Lamp Lumen Maintenance factor (12000 hours)	91%
Lamp Lumen Maintenance factor (16000 hours)	90%
Lamp Lumen Maintenance factor (20000 hours)	89%
Operating mode for LSF and LLMF data	HF preheat, 3h cycle
Rated Life [h]	30000
Rated survival factor (2000 hours)	99%
Rated survival factor (4000 hours)	99%
Rated survival factor (6000 hours)	99%
Rated survival factor (8000 hours)	99%
Rated survival factor (12000 hours)	97%
Rated survival factor (16000 hours)	92%
Rated survival factor (20000 hours)	79%
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]	55.86

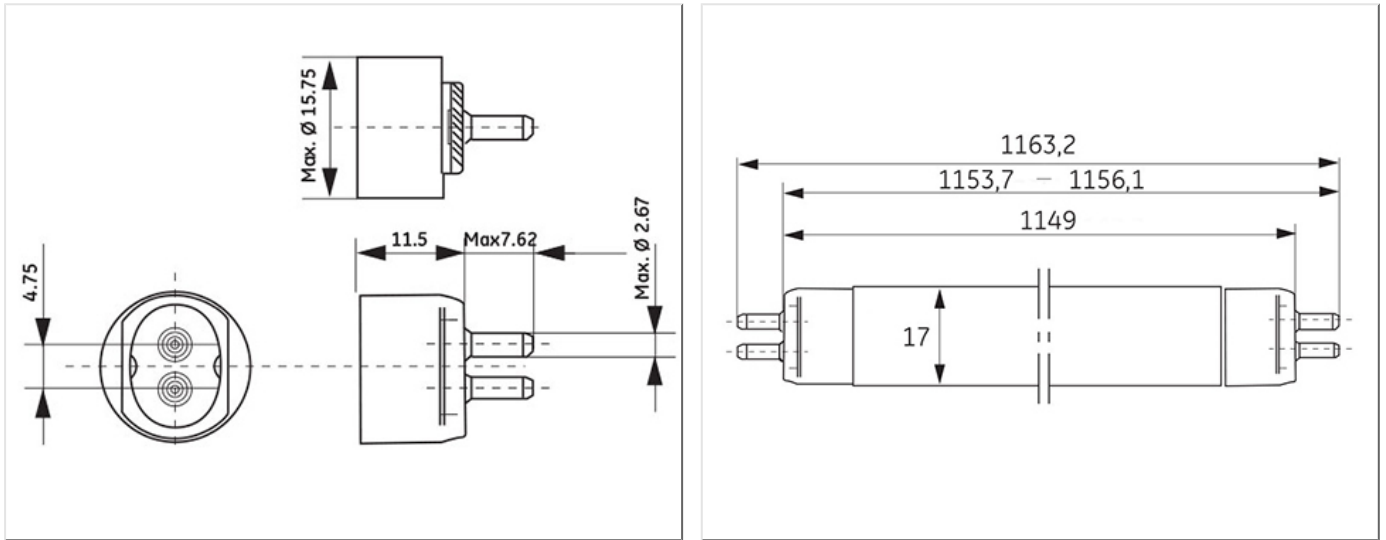
Electrical data

Nominal power [W]	54
Design Ambient Temperature [°C]	35
Design Lamp ambient temperature [°C]	35
Starting ambient temperature range	-15
Dimming Capability	Yes
Ballast code	PreHeat

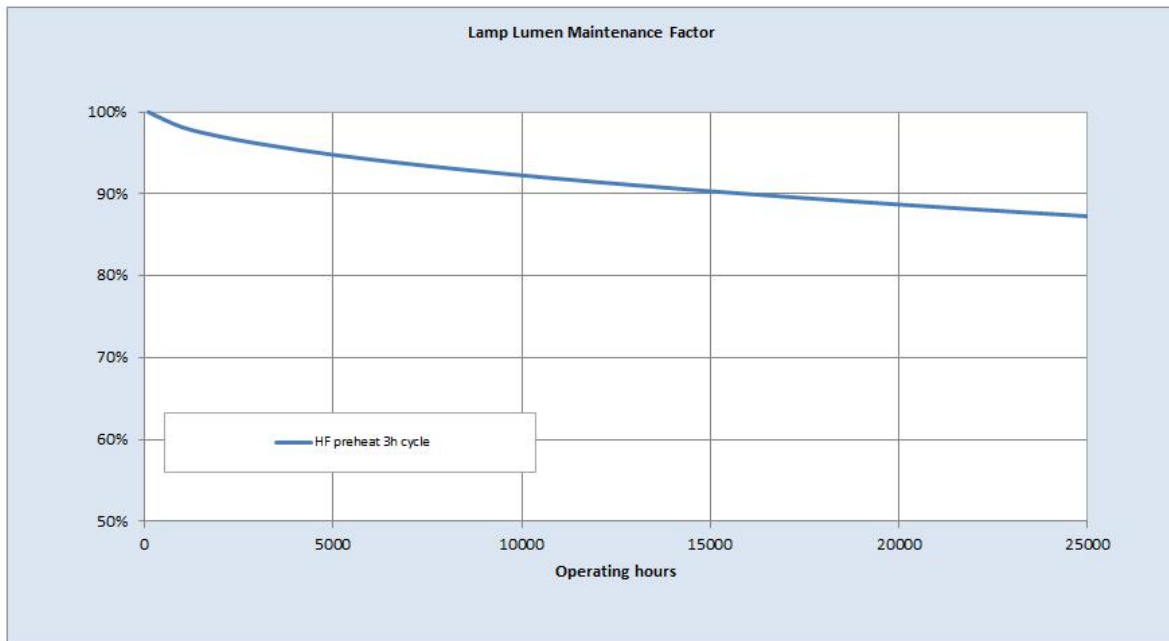
Logistic data

DUN Code	10043168610749
EAN Code	0043168883375
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

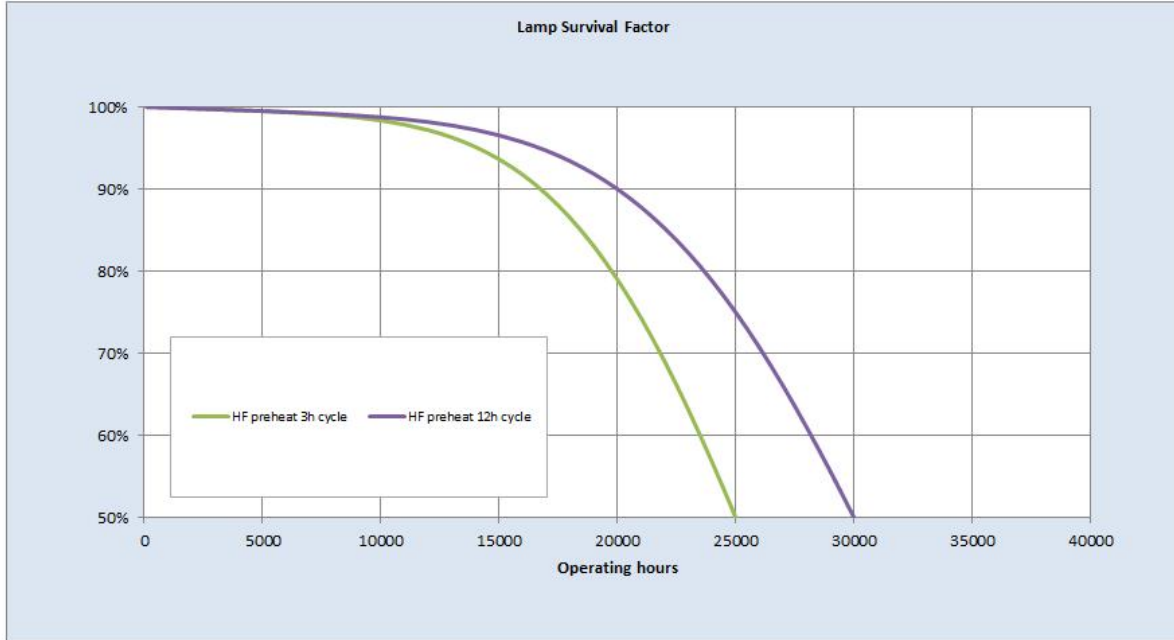
Technical drawing



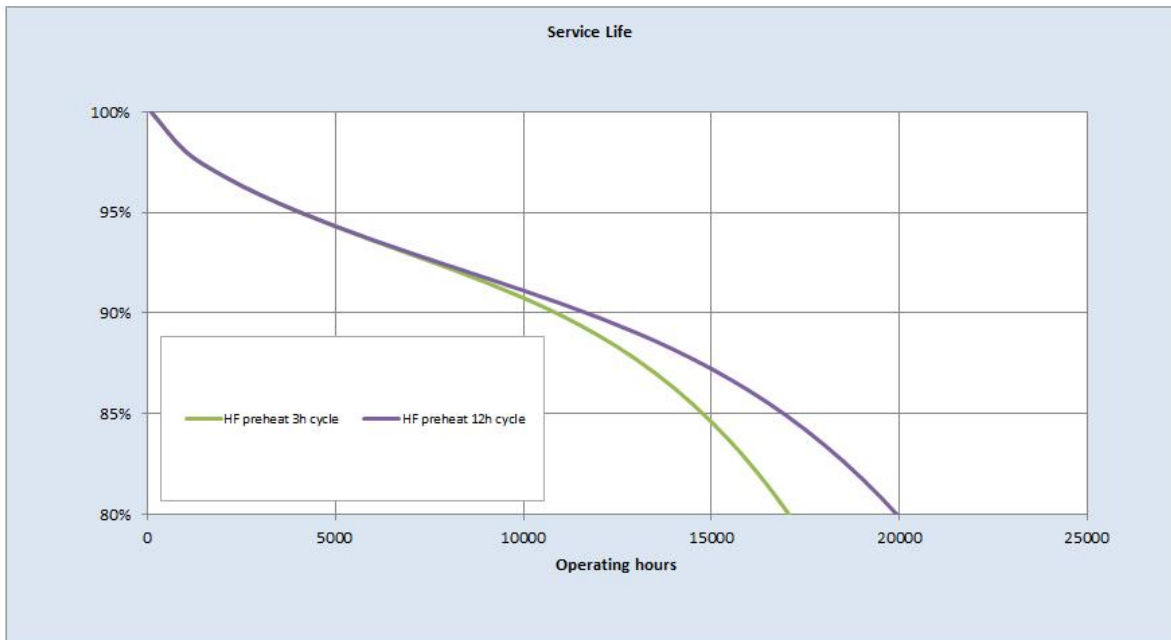
Lumen maintenance data



Survival data



Service life data



Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Linear Fluorescent Lamps Catalogue \(PDF\)](#)

[LFL T5 Watt-Miser™ Lamps Data sheet \(EN\) \(PDF\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[Certificate for the Quality Management System of GE Lighting EMEA \(PDF\)](#)

[Certificate for the Environmental Management System of GE Lighting EMEA \(PDF\)](#)