

5
kWh/1000h

A++
energy class

104
lumens/watt

Tungram Deco Golf Filament

LED Fil Golf 4.5W 865 B15 FR TU
93115990

Product information

Tungram introduces its new decorative range of LED Filament Candle and Spherical lamps available in 3 colour temperatures. Consuming only 2.5W, 4.5W and 7W they are a fantastic energy saving alternative to the Halogen lamps with new, high quality aesthetics.

Application areas



Retail



Hospitality



Home

Product data

Product Code	93115990
Bulb Shape	P45
Bulb Finish	Frosted
Bulb maximum overall diameter [mm]	45
Nominal Length [mm]	77.5
Net weight per piece [g]	15
Dimmability	No
RoHS compliant	Yes
Brand	Tungsram
Cap/Base	B15

Performance data

Nominal/ Rated Beam Angle [°]	300
Rated Lumens [lm]	470
Weighted energy consumption [kWh/1000h]	4.5
Rated efficacy [lm/W]	104
Energy efficiency class (EEC)	A++
Rated life L70/B50 [h]	15000
Nominal correlated colour temperature (CCT) [K]	6500
Nominal lumens [lm]	470
Colour Rendering Index (CRI) [Ra]	80

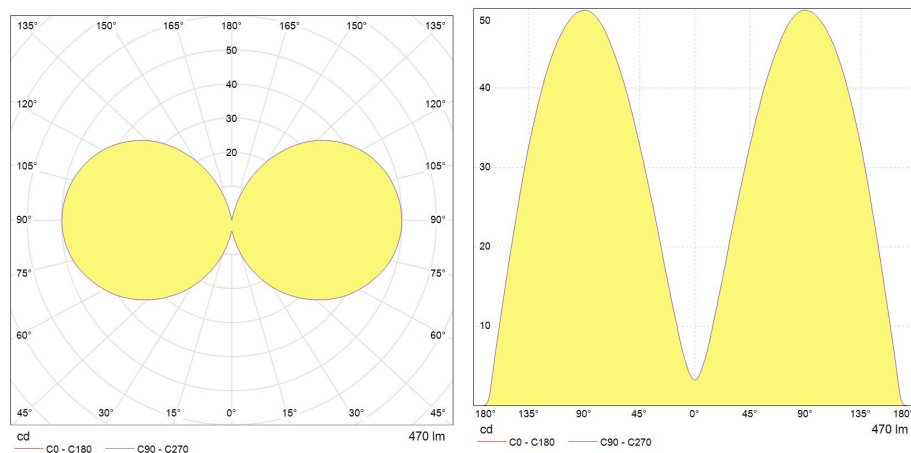
Electrical data

Nominal lamp power factor...	>0.5
Operating Temperature (MIN) [°C]	-20°C
Operating Temperature (MAX) [°C]	+40°C
Starting time (sec)	<0,5 s
Warm up time up to 60% of full light output	Instant on
Number of switching cycles	50000
Nominal lamp voltage range [V]	220-240V
Nominal power [W]	4.5

Logistic data

Shipment	Standard
DUN Code	15994100047817
EAN Code	5994100047810
Pack Quantity	10
Product status	Available

Light distribution



Downloads & Links

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

[Photometry \(IES\)](#)

[Product datasheet \(FR\) \(PDF\)](#)

[Datasheet \(PDF\)](#)

[Images \(HTTP\)](#)

[DoC document \(PDF\)](#)

[Datasheet \(FR\) \(PDF\)](#)

