

5
kWh/1000h

A++
energy class

104
lumens/watt

Tungsr GLS A60 Filament

LED Fil A60 4.5W 840 B22 FR TU
93115480

Product information

Tungsr introduces its new range of LED Filament A60 lamps 100% made of glass available in 3 colour temperatures. Consuming only 4.5W, 7W, 8.5W and 10W they are a fantastic energy saving alternative to the Halogen GLS lamps with new, high quality aesthetics and in Clear and Frosted finishing

Application areas



Retail



Hospitality



Home

Product data

Product Code	93115480
Bulb Shape	A60
Bulb Finish	Frosted
Bulb maximum overall diameter [mm]	60
Nominal Length [mm]	102
Net weight per piece [g]	30
Dimmability	No
RoHS compliant	Yes
Brand	Tungsram
Cap/Base	B22

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]	4000
Nominal lumens [lm]	470
Colour Rendering Index (CRI) [Ra]	80

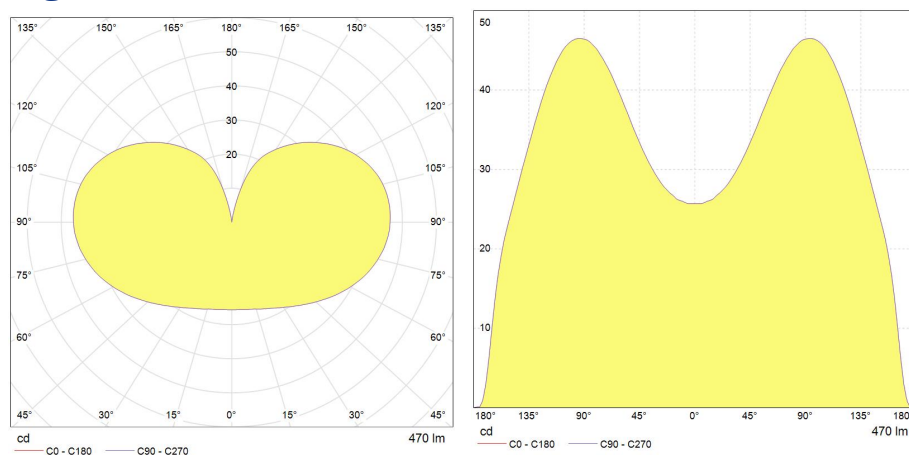
Electrical data

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	15994100042720
EAN Code	5994100042723
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 \(FR\) \(PDF\)](#)

