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5 kWh/1000h



## Tungsram GLS A60 Filament LED Fil A60 4.5W 840 B22 FR TU 93115480

# **Product information**

Tungsram 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





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### 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

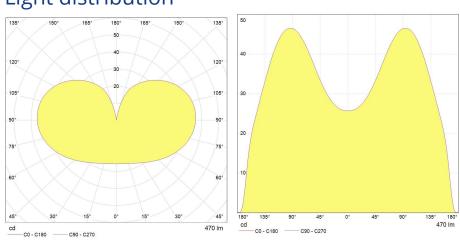
Nominal/ Rated Beam Angle [°]	300
Rated Lumens [lm]	470
Weighted energy consumption [kWh/1000h]	4.5
Rated efficacy [lm/W]	104
Energy efficiency class (EEC)	A++
Rated life L70/B50 [h]	15000
Nominal correlated colour temperature (CCT) [K]]	4000
Nominal lumens [lm]	470
Colour Rendering Index (CRI) [Ra]	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)



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