

LED Filament - Spherical

LED Fil Golf 4.5W 865 E14 FR TU

93115563

Product information

Tungsramp 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	93115563
Direct Shipment pair	93118097 - LED Fil Golf 4.5W 865 E14 FR TU DS
Bulb Shape	P45
Bulb Finish	Frosted
Bulb maximum overall diameter [mm]	45
Nominal Length [mm]	79
Net weight per piece [g]	15
Dimmability	No
RoHS compliant	Yes
Brand	Tungsrasm
Cap/Base	E14

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)	F
Rated life L70/B50 [h]	15000
Nominal correlated colour temperature (CCT) [K]	6500
Nominal lumens [lm]	470
Colour Rendering Index (CRI) [Ra]	80

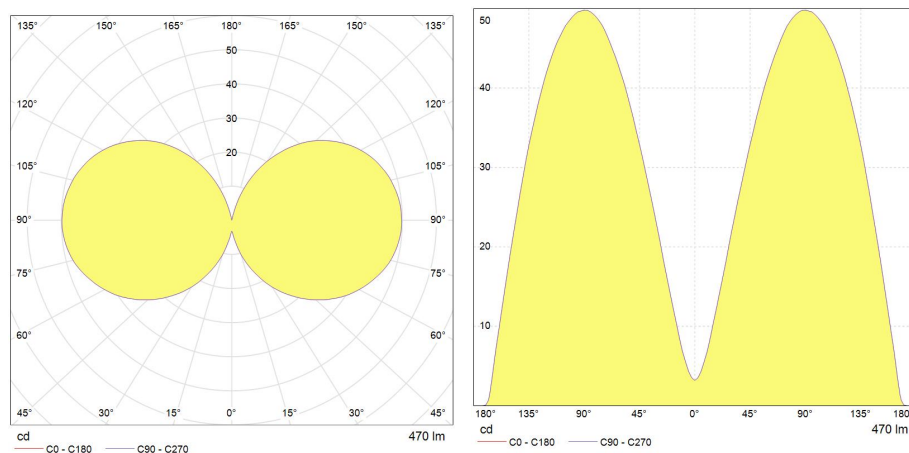
Electrical data

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	15994100043550
EAN Code	5994100043553
Pack Quantity	10
Product status	Available

Light distribution



Downloads & Links

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

[Photometry \(IES\)](#)

[Link to EPREL \(HTTP\)](#)

[Datasheet \(PDF\)](#)

[Images \(HTTP\)](#)

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

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

