



5  
kWh/1000h

104  
lumens/watt

## LED Filament - GLS A60

LED Fil A60 4.5W 827 E27 FR TU

93115477

### Product information

Tungsramp 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                       | 93115477 |
| Bulb Shape                         | A60      |
| Bulb Finish                        | Frosted  |
| Bulb maximum overall diameter [mm] | 60       |
| Nominal Length [mm]                | 104      |
| Net weight per piece [g]           | 30       |
| Dimmability                        | No       |
| RoHS compliant                     | Yes      |
| Brand                              | Tungsram |
| Cap/Base                           | E27      |

### 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] | 2700  |
| Nominal lumens [lm]                             | 470   |
| Colour Rendering Index (CRI) [Ra]               | 80    |

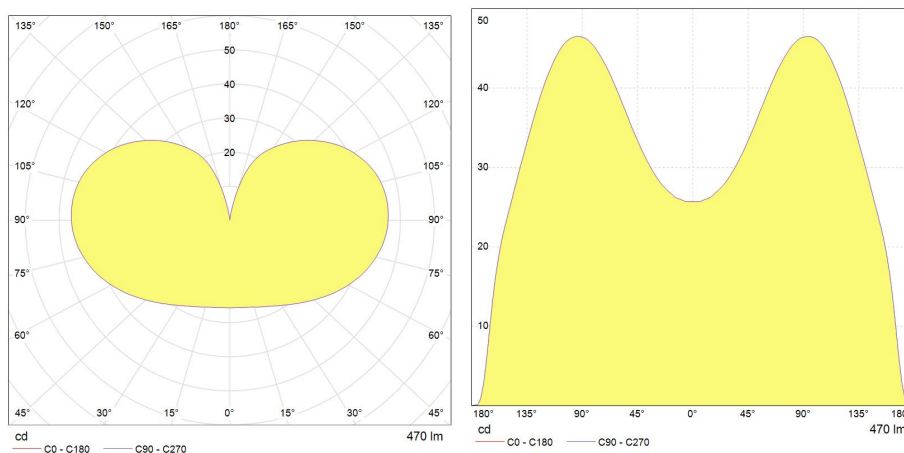
## Electrical data

|   |            |
|---|------------|
| 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       | 25994100042697 |
| EAN Code       | 5994100042693  |
| Pack Quantity  | 10             |
| Product status | Available      |

## Light distribution



## Downloads & Links

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

[Photometry \(IES\)](#)

[Datasheet \(PDF\)](#)

[Images \(HTTP\)](#)

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

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