



106

kWh/1000h

24

lumens/watt

## Low voltage capsule - Transversal Filament

TU 56510 100W 12V GY6,35TR TU  
BX1/20 MIH  
509445

### Product information

These lamps are made from a quartz material which blocks virtually all UV-B and UV-C radiation. With a transmission cut-off wavelength of between 350 and 400 nm, it is ideal for lamps requiring maximum visible transmittance with nearly complete UV protection. The lamps use doped quartz which is an effective barrier to potentially harmful ultra-violet radiation while maintaining the other high quality properties of standard clear fused quartz.

The axial filament types have been specifically developed to satisfy the demand for a wide smooth beam with a good cut-off, from a miniature linear reflector, for the uniform lighting of vertical surfaces, for table lamps for task lighting, or for wall mounted or portable uplighters. With all wattages having the axial filament at the same light centre, one luminaire design may cover a range of illuminances for a variety of residential and commercial requirements. When used in spot reflectors these

lamps may also be more efficient alternatives to transverse filament types, because a substantial portion of the filament will always be in the focal point.

---

### Application areas



Hospitality



Home

### Product data

Product Code	509445
Bulb Shape	Tubular
Bulb Diameter [mm]	10.5
Maximum Overall Length [mm]	44
Net weight per piece [g]	12
Gross weight per piece [g]	14
Brand	Tungsrám
Cap/Base	GY6.35-15

### Performance data

Rated Lumens [lm]	2350
Weighted energy consumption [kWh/1000h]	106.0
Rated efficacy [lm/W]	23.5
Energy efficiency class (EEC)	C
Lamp Lumen Maintenance factor (2000 hours)	80%
Rated Life [h]	3000
Nominal correlated colour temperature (CCT) [K]	3100
Nominal lumens [lm]	2350
Colour Rendering Index (CRI) [Ra]	100

### Electrical data

Rated power [W]	100.0
Starting time (sec)	0.0 s
Warm up time up to 60% of full light output	instant
Number of switching cycles	12000
Coil type	C-8
Dimming Capability	Yes
Nominal power [W]	100
Nominal lamp voltage [V]	12

### Logistic data

Shipment	Standard
DUN Code	05994100094456
EAN Code	5994100094456
Pack Quantity	20
Inner pack type	BX
Outer pack type	OB
Layer quantity	6400 EUR, 8400 UK
Layer quantity EUR	6400
Layer quantity UK	8400
Pallet quantity EUR (PC)	32000
Pallet quantity UK (PC)	42000
Outer case size	131 x 90 x 40 (mm)
Product status	Phased-out

## Downloads & Links

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

[Halogen Lamps Spectrum Catalogue \(PDF\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[High-res images / Technical drawings \(HTTP\)](#)

