

**23**  
kWh/1000h

**B**  
energy class

**67**  
lumens/watt

## Biax™ D 2-pin, Internal Starter

F18W DBX/T4/827/2P TU

93105893

### Product information

Biax™ D & D/E LongLast™ lamps are available in 10, 13, 18 and 26 watt ratings, 10 and 13W in T3 tube size, 18 and 26W in T4 tube size and ranging from 101mm to 174mm in length. Five colours are available in two-pin and four-pin caps. A high colour rendering index (CRI) of 82 gives rich, vibrant colour.

The lamps are available in warm and cool colour temperatures suitable for a wide variety of environments.

### Application areas



Office



Industrial



### Product data

Product Code	93105893
Bulb Shape	Quad plug-in
Bulb maximum overall diameter [mm]	34.4
Maximum Overall Length [mm]	154
Net weight per piece [g]	67
Gross weight per piece [g]	84
Operating position	U - Universal
Mercury Content [mg]	3
UV radiance	exempt
Brand	Tungsram
Cap/Base	G24d-2

### Performance data

Colour Code	827
Rated Lumens [lm]	1200
Weighted energy consumption [kWh/1000h]	22.1
Energy efficiency class (EEC)	B
Rated Life [h]	10000
Nominal correlated colour temperature (CCT) [K]	2700
Nominal lumens [lm]	1200
Colour Rendering Index (CRI) [Ra]	82

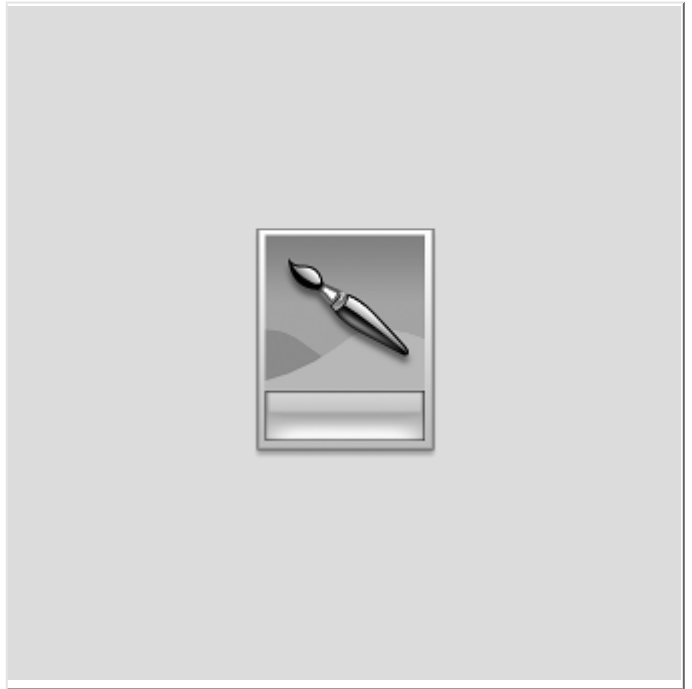
### Electrical data

Rated power [W]	18.0
Operating Temperature (MIN) [°C]	-15
Starting ambient temperature range	-15
Dimming Capability	No
Nominal power [W]	18
Nominal lamp voltage [V]	100

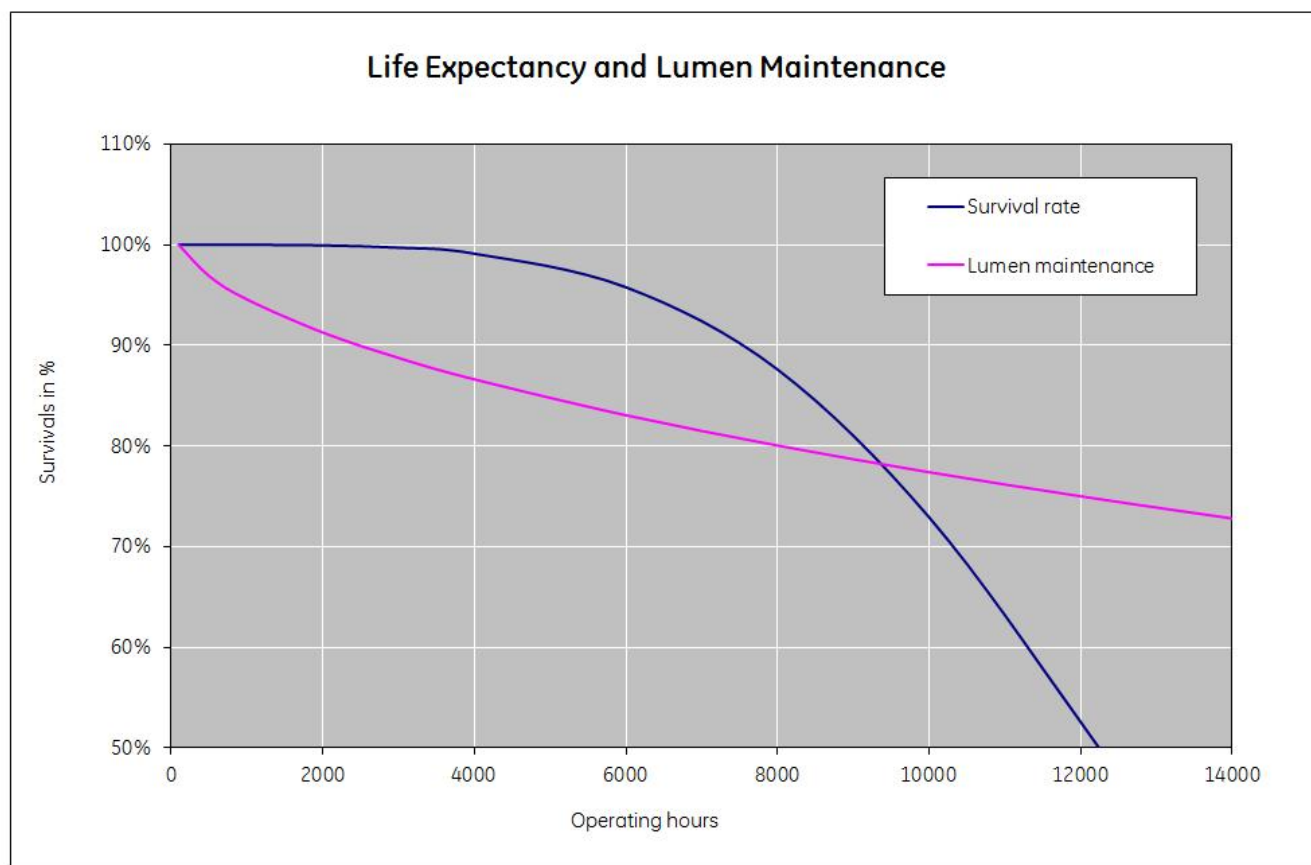
### Logistic data

Shipment	Standard
DUN Code	15994100010378
EAN Code	5994100010371
Pack Quantity	10
Layer quantity	600 EUR, 750 UK
Layer quantity EUR	600
Layer quantity UK	750
Pallet quantity EUR (PC)	3600
Pallet quantity UK (PC)	3750
Outer case size	191 x 82 x 172 (mm)
Product status	Available

## Technical drawing



## Survival data



## Downloads & Links

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

[CFL Non-Integrated Spectrum Catalogue \(PDF\)](#)

[LongLast™ Biax™ D and D/E Data sheet \(PDF\)](#)

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