

**18**  
kWh/1000h

**A**  
energy class

**69**  
lumens/watt

## Biax™ L LongLast™ 4-pin, External Starter Req.

F18W BX/T5/840/4P TU

93105961

### Product information

Biax™ L covers a range of single ended compact fluorescent lamps with high lumen output and are available in a wide range: 18, 24, 34, 36, 40, 55 and 80 watt versions. The single ended design is less than half the length of standard fluorescent lamps. This makes Biax™ L the ideal choice for modular luminaires. The range is available in colours of 2700, 3000, 3500, and 4000K allowing use in most environments. All Biax™ L lamps have a CRI of 82. The family of Biax™ L lamps offers a rated life\* of 10,000 hours for 18W to 36W and 20,000 hours for 40, 55 and 80W. The 40, 55 and 80W versions are for use on high-frequency electronic gear only.

- at 3 hours per start

Long single biaxial tubes

### Application areas



Office



Industrial



## Product data

|                                    |               |
|------------------------------------|---------------|
| Product Code                       | 93105961      |
| Bulb Shape                         | Biax Plug-in  |
| Bulb maximum overall diameter [mm] | 43.8          |
| Maximum Overall Length [mm]        | 231.3         |
| Net weight per piece [g]           | 85            |
| Gross weight per piece [g]         | 106           |
| Operating position                 | U - Universal |
| Mercury Content [mg]               | 3             |
| UV radiance                        | exempt        |
| Brand                              | Tungsrám      |
| Cap/Base                           | 2G11          |

## Performance data

|   |       |
|---|-------|
| Colour Code                                     | 840   |
| Rated Lumens [lm]                               | 1250  |
| Weighted energy consumption [kWh/1000h]         | 17.6  |
| Energy efficiency class (EEC)                   | A     |
| Rated Life [h]                                  | 10000 |
| Nominal correlated colour temperature (CCT) [K] | 4000  |
| Nominal lumens [lm]                             | 1250  |
| Colour Rendering Index (CRI) [Ra]               | 82    |

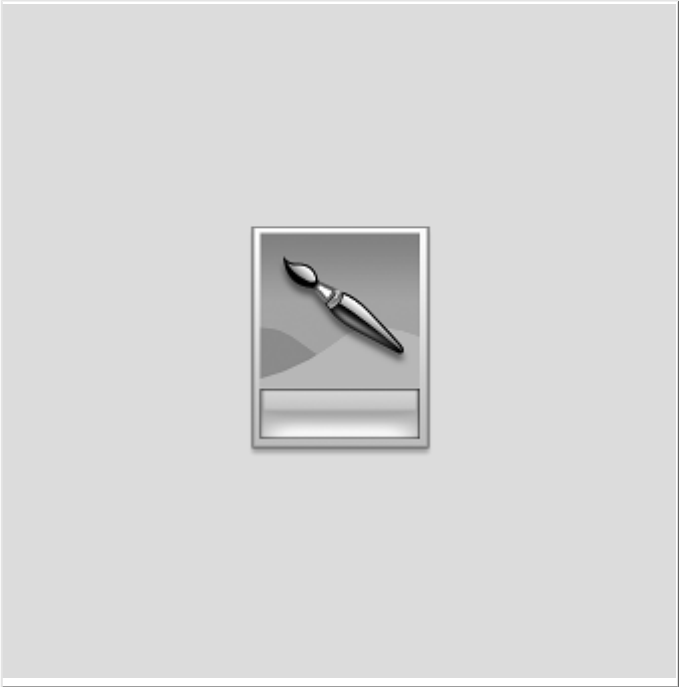
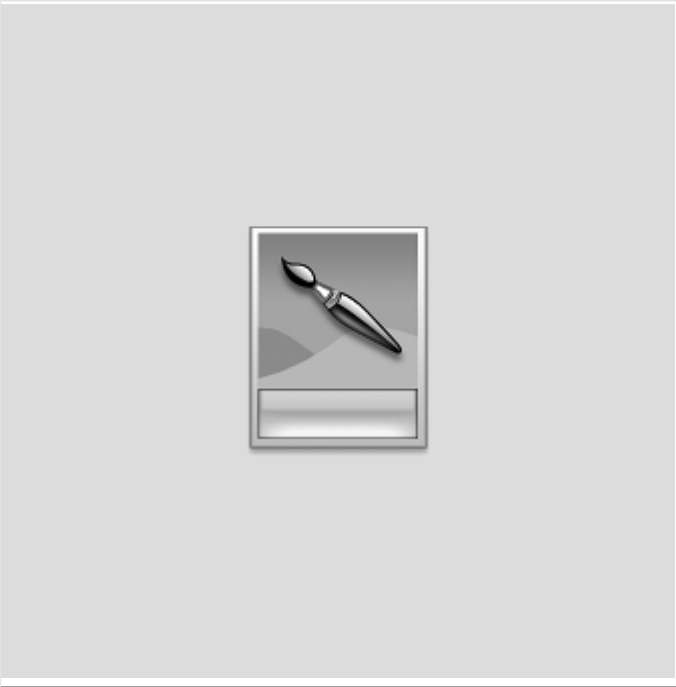
## Electrical data

|                                    |      |
|------------------------------------|------|
| Rated power [W]                    | 16.0 |
| Operating Temperature (MIN) [°C]   | -15  |
| Starting ambient temperature range | -15  |
| Dimming Capability                 | Yes  |
| Nominal power [W]                  | 18   |
| Nominal lamp voltage [V]           | 58   |

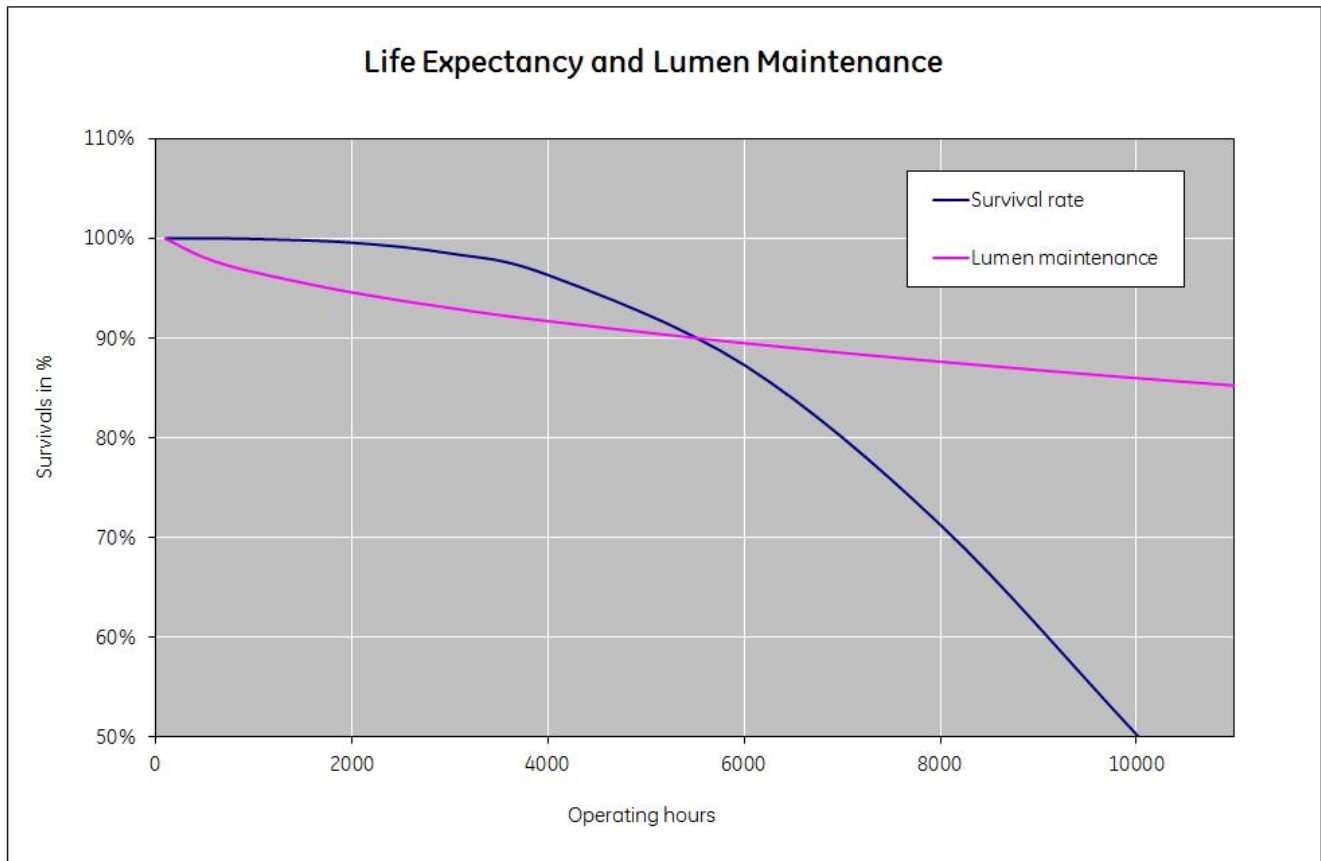
## Logistic data

|                          |                      |
|--------------------------|----------------------|
| Shipment                 | Standard             |
| DUN Code                 | 15994100011054       |
| EAN Code                 | 5994100011057        |
| Pack Quantity            | 25                   |
| Layer quantity           | 600 EUR, 700 UK      |
| Layer quantity EUR       | 600                  |
| Layer quantity UK        | 700                  |
| Pallet quantity EUR (PC) | 2400                 |
| Pallet quantity UK (PC)  | 2800                 |
| Outer case size          | 266 x 141 x 238 (mm) |
| Product status           | Available            |

Technical drawing



## Survival data



## Downloads & Links

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

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

[LongLast™ Biax™ L Data sheet \(PDF\)](#)

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

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