# L 16 W/840 ES
## Kod produktu: 56317

**Dane techniczne:**

- Construction wattage [PICOS] **15.80 W**
- Nominal wattage **15.80 W**
- Color temperature **4000 K**
- Nominal luminous flux **1100 lm**
- Rated luminous flux **1100 lm**
- Light color as per EN 12464-1 **LUMILUX Cool White**
- Length **590.0 mm**
- Rated lamp life time **0 h**
- Energy consumption **20 kWh/1000h**
- Luminous flux **1300 lm**
- Light color **840**
- Luminous flux at 25 °C **1050 lm**
- Length with base excl. base pins/connection **590.00 mm**
- Rated lamp efficacy (standard condition) **70 lm/W**
- Color coordinates chromaticity diagram **0.38/0.38**
- Rated lamp efficacy (HF data 25 °C) **Under clarification by authority and standardization body**
- Color rendering index Ra **≥80**
- Rated LLMF at 4,000 h **0.92**
- Rated LLMF at 6,000 h **0.91**
- Rated LLMF at 8,000 h **0.90**
- Rated LLMF at 12,000 h **0.89**
- Rated LLMF at 2,000 h **0.95**
- Diameter **26.0 mm**
- Tube diameter **26 mm**
- Lifespan **20000 h**
- Rated lamp survival factor at 2,000 h **0.99**
- Rated lamp survival factor at 4,000 h **0.99**
- Rated lamp survival factor at 6,000 h **0.99**
- Service life **18000 h**
- Operation mode LLMF/LSF **50 Hz**
- Rated lamp survival factor at 8,000 h **0.99**
- Rated lamp survival factor at 12,000 h **0.90**
- Base (standard designation) **G13**
- Appropriate disposal acc. to WEEE **Yes**
- Lamp mercury content **2.5 mg**

- Suitable for indoor **Yes**
- Energy efficiency class **A**
- Rated ambient temp.w.max.luminous flux **35.0 °C**

**Product benefits**

- Simple direct replacement in existing CCG/LLG systems
- Instant energy savings in existing CCG/LLG systems
- Up to 10 % lower energy consumption on conventional control gear
- Reduction in $CO_2$ emissions (51 W: 14 kg per year, 70 kg over the life of the lamp – energy mix: 0.5 kg/kWh)
- Pay-back time less than 1 year
- Energy savings in combination with QTP-OPTIMAL and QT-FIT in new systems

**Areas of application**

- Public buildings
- Office lighting
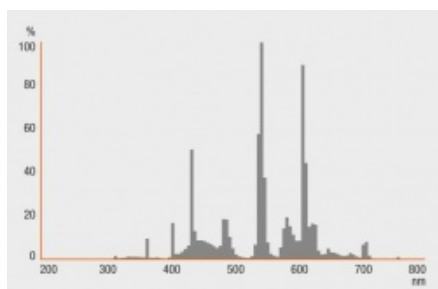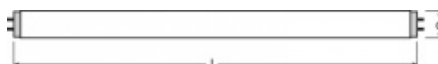- Industry
- Shops
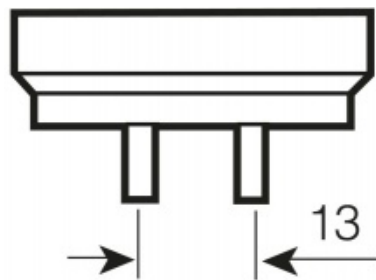- Supermarkets and department stores

**Product features**

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering group: 1B (Ra: 80…89)

**Safety advice**
In case of lamp breakage: www.osram.com/brokenlamp
Not released for dimming operation.

G13
IEC 7004-51
DIN 49653 T1

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LL
Inductive branch

LL
Capacitative branch

St      St