# T8 Luxline® Plus Special Length

*F15W/T8/830*

**0001853**

### Range features




## PRODUCT OVERVIEW

| | |
|---|---|
| **Light colour** | 830 Warm White |
| **Technology** | Fluorescent |
| **Ordering number** | 0001853 |
| **Energy class** | B |
| **Lamp shape** | Linear |
| **Lamp finish** | Coated |
| **Dimmable** | Yes |
| **Cap/Base** | G13 |
| **Type** | T8 Luxline Plus Special Length |
| **EAN code** | 5410288018539 |
| **CRI (Ra)** | 85 |
| **Colour temperature (K)** | 3000 |
| **Luminous flux (Rated) (lm)** | 950 |
| **Efficacy (Rated) 100h (lm/W)** | 63 |
| **Watt (Nominal) (W)** | 15 |
| **Voltage (V)** | 55 |

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## DATA TABLE

### General data

| | |
|---|---|
| **Ordering number** | 0001853 |
| **Technology** | Fluorescent |
| **Energy class** | B |
| **Average life (Nominal) (h)** | 20000 |
| **Lamp shape** | Linear |
| **Lamp finish** | Coated |
| **Dimmable** | Yes |
| **Cap/Base** | G13 |
| **Type** | T8 Luxline Plus Special Length |
| **EAN code** | 5410288018539 |
| **E-number SE** | 8356572 |
| **E-number FI** | 4942129 |
| **Product name** | F15W/T8/830 |
| **Lamp mercury content (mg)** | 2.8 |
| **Control gear required** | Yes |
| **Fixture rating** | Open |
| **IEC Reference** | IEC 60081 |
| **IEC Reference 2** | IEC 61195 |
| **IEC Reference 3** | |
| **Intended purpose** | General lighting |
| **Special purpose lamp** | No |
| **Transformer required** | No |
| **Sales pack quantity** | 25 |
| **Rated survival factor at 2000 h 50Hz** | 0.99 |
| **Rated survival factor at 4000 h 50Hz** | 0.98 |
| **Rated survival factor at 6000 h 50Hz** | 0.96 |
| **Rated survival factor at 8000 h 50Hz** | 0.94 |
| **Rated survival factor at 12000 h 50Hz** | 0.92 |
| **Rated survival factor at 16000 h 50Hz** | 0.8 |
| **Rated survival factor at 20000 h 50Hz** | 0.5 |

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## Optical data

| | |
|---|---|
| **Light colour** | 830 Warm White |
| **CRI (Ra)** | 85 |
| **Colour temperature (K)** | 3000 |
| **Luminous flux (Rated) (lm)** | 950 |
| **Luminous flux (Nominal) at 35°C (lm)** | |
| **Luminous flux (Nominal) (lm)** | 950 |
| **Ambient temperature for maximum luminous flux (°C)** | 25 |
| **Rated lumen maint. factor at 2000 h 50Hz** | 0.96 |
| **Rated lumen maint. factor at 4000 h 50Hz** | 0.94 |
| **Rated lumen maint. factor at 6000 h 50Hz** | 0.92 |
| **Rated lumen maint. factor at 8000 h 50Hz** | 0.91 |
| **Rated lumen maint. factor at 12000 h 50Hz** | 0.9 |
| **Rated lumen maint. factor at 16000 h 50Hz** | 0.89 |
| **Rated lumen maint. factor at 20000 h 50Hz** | 0.87 |

## Electrical data

| | |
|---|---|
| **kWh per 1000 hours burning time** | 19 |
| **Rated lamp efficacy (lm/W) 100H 50Hz at optimum temp.** | 63 |
| **Efficacy (Rated) 100h (lm/W)** | 63 |
| **Watt (Nominal) (W)** | 15 |
| **Watt (Rated) - High frequency (W)** | 13.5 |
| **Watt (Rated) (W)** | 13.5 |
| **Voltage (V)** | 55 |
| **Ignition voltage (V)** | 0 |
| **Current (A)** | 0.31 |

## Physical data

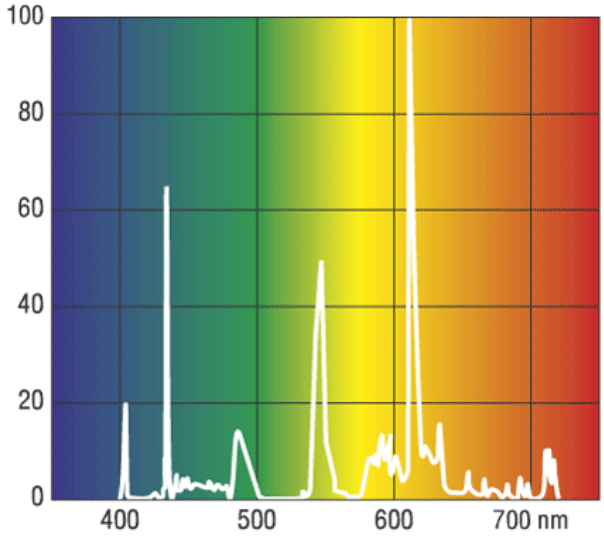
| | |
|---|---|
| **Weight (kg)** | 0.06 |
| **Length base to base (mm) - A** | 437.4 |
| **Length base to pin Min-Max - B** | 442.1-444.5 |
| **Max overall length (mm) - C** | 451.6 |
| **Max. Lamp Diameter (mm) - D** | 26 |
| **Diameter (mm)** | 26 |
| **Single packaging type** | Box/Sleeve |
| **Single package dimensions (L x W x H) (cm)** | 45.20 x 2.90 x 2.80 |
| **Outer package dimensions (L x W x H) (cm)** | 48.00 x 15.50 x 15.00 |

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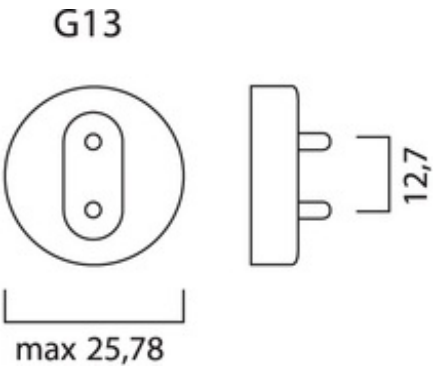
## PHOTOMETRY




x = 0.440
y = 0.403

CRI (Ra) = 85
Tc = 3000K

## TECHNICAL DRAWINGS




## ENERGY LABEL

