# T5 FHO Luxline® Plus

*FHO 49W/T5/830*

**0002778**



## Range features

## PRODUCT OVERVIEW

| | |
|---|---|
| **Light colour** | 830 Warm White |
| **Technology** | Fluorescent |
| **Ordering number** | 0002778 |
| **Energy class** | A+ |
| **Lamp shape** | Linear |
| **Lamp finish** | Coated |
| **Dimmable** | |
| **Cap/Base** | G5 |
| **Type** | T5 FHO Luxline Plus |
| **EAN code** | 5410288027784 |
| **CRI (Ra)** | 85 |
| **Colour temperature (K)** | 3000 |
| **Luminous flux (Rated) at 25°C (lm)** | 4350 |
| **Efficacy (Rated) at 25°C (lm/w)** | 88 |
| **Watt (Nominal) (W)** | 49 |
| **Voltage (V)** | 191 |

# T5 FHO Luxline® Plus

*FHO 49W/T5/830*

**0002778**

## DATA TABLE

### General data

| | |
|---|---|
| **Ordering number** | 0002778 |
| **Technology** | Fluorescent |
| **Average life (Nominal) (h)** | 24000 |
| **Energy class** | A+ |
| **Lamp finish** | Coated |
| **Lamp shape** | Linear |
| **Dimmable** | |
| **Cap/Base** | G5 |
| **Type** | T5 FHO Luxline Plus |
| **EAN code** | 5410288027784 |
| **Product name** | FHO 49W/T5/830 |
| **Lamp mercury content (mg)** | 2.3 |
| **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 |
| **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** | 0.93 |
| **Rated survival factor at 16000 h 50Hz** | 0.9 |
| **Rated survival factor at 20000 h 50Hz** | 0.84 |

# T5 FHO Luxline® Plus

*FHO 49W/T5/830*

**0002778**

## Optical data

| | |
|---|---|
| **Light colour** | 830 Warm White |
| **CRI (Ra)** | 85 |
| **Colour temperature (K)** | 3000 |
| **Luminous flux (Rated) at 25°C (lm)** | 4350 |
| **Luminous flux (Nominal) at 35°C (lm)** | 4900 |
| **Luminous flux (Nominal) at 25°C (lm)** | 4350 |
| **Ambient temperature for maximum luminous flux (°C)** | 35 |
| **Rated lumen maint. factor at 2000 h 50Hz** | 0.97 |
| **Rated lumen maint. factor at 4000 h 50Hz** | 0.95 |
| **Rated lumen maint. factor at 6000 h 50Hz** | 0.93 |
| **Rated lumen maint. factor at 8000 h 50Hz** | 0.92 |
| **Rated lumen maint. factor at 12000 h 50Hz** | 0.91 |
| **Rated lumen maint. factor at 16000 h 50Hz** | 0.9 |
| **Rated lumen maint. factor at 20000 h 50Hz** | 0.88 |

## Electrical data

| | |
|---|---|
| **kWh per 1000 hours burning time** | 55 |
| **Efficacy (Rated) at 35°C (lm/w)** | 88 |
| **Efficacy (Rated) at 25°C (lm/w)** | 88 |
| **Watt (Nominal) (W)** | 49 |
| **Watt (Rated) - High frequency (W)** | 49.2 |
| **Watt (Rated) (W)** | 49.2 |
| **Voltage (V)** | 191 |
| **Ignition voltage (V)** | 0 |
| **Current (A)** | 0.26 |

## Physical data

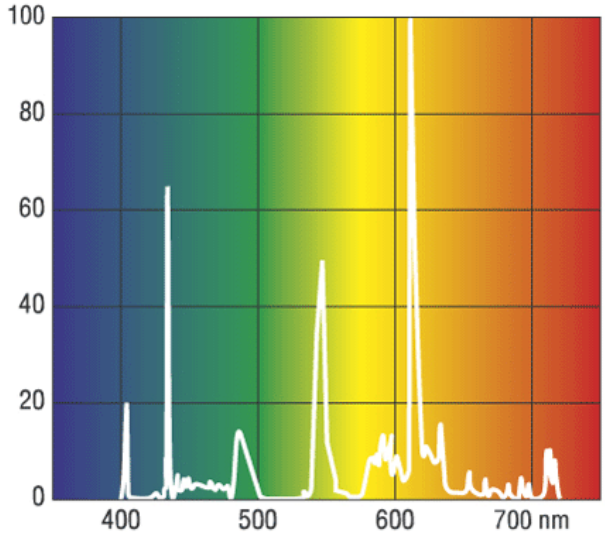
| | |
|---|---|
| **Length base to base (mm) - A** | 1449 |
| **Length base to pin Min-Max - B** | 1453.7-1456.1 |
| **Max overall length (mm) - C** | 1463.2 |
| **Max. Lamp Diameter (mm) - D** | 16 |
| **Diameter (mm)** | 16 |

# T5 FHO Luxline® Plus

*FHO 49W/T5/830*

**0002778**

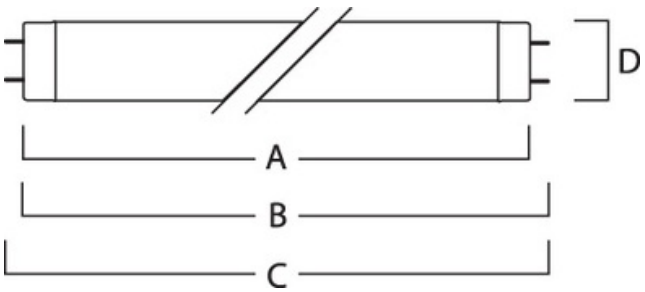
## PHOTOMETRY

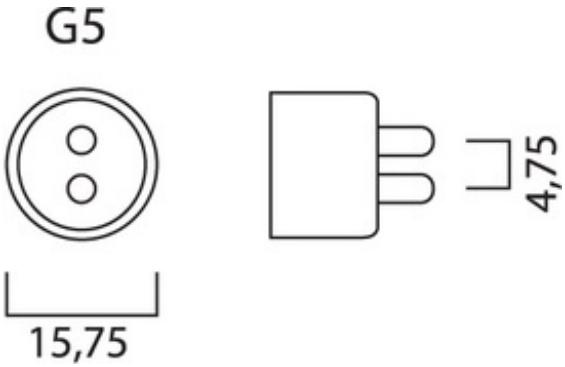



x = 0.440
y = 0.403

CRI (Ra) = 85
Tc = 3000K

## TECHNICAL DRAWINGS




## ENERGY LABEL

