

T5 FHO Luxline® Plus

FHO 80W/T5/840

0002785



Range Features

-



PRODUCT OVERVIEW

| | |
|----------------------------|---------------------|
| Lamp finish | Coated |
| Lamp shape | Linear |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 85 |
| EAN code | 5410288027852 |
| Energy class | A+ |
| Cap/Base | G5 |
| Type | T5 FHO Luxline Plus |
| Watt (Nominal) (W) | 80 |
| Light colour | 840 Cool White |
| Ordering number | 0002785 |
| Efficacy (Rated) (lm/w) | 83 |
| Luminous flux (Rated) (lm) | 6350 |
| Technology | Fluorescent |
| Voltage (V) | 152 |

DATA TABLE

Optical data

| | |
|--|----------------|
| Ambient temperature for maximum luminous flux (°C) | 35 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 85 |
| Light colour | 840 Cool White |
| Luminous flux (Nominal) (lm) | 6350 |
| Luminous flux (Nominal) at 35°C (lm) | 7000 |
| Rated lumen maint. factor at 12000 h 50Hz | 0.91 |
| Rated lumen maint. factor at 16000 h 50Hz | 0.9 |

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|---|------|
| Rated lumen maint. factor at 20000 h 50Hz | 0.88 |
| 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 |
| Luminous flux (Rated) (lm) | 6350 |

General data

| | |
|---------------------------------------|--|
| Average life (Nominal) (h) | 24000 |
| Control gear required | Yes |
| Lamp finish | Coated |
| Lamp shape | Linear |
| EAN code | 5410288027852 |
| Energy class | A+ |
| Fixture rating | Open |
| General application | Retail; Hospitality; Logistics and Industry; Museums; Education; Office; Residential & Consumer; |
| IEC Reference | IEC 60081 |
| IEC Reference 2 | IEC 61195 |
| Intended purpose | General lighting |
| Cap/Base | G5 |
| Lamp mercury content (mg) | 2.3 |
| Type | T5 FHO Luxline Plus |
| Ordering number | 0002785 |
| Product name | FHO 80W/T5/840 |
| 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 |
| 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 |
| Special purpose lamp | No |
| Technology | Fluorescent |
| Transformer required | No |
| E-number FI | 4944484 |

Electrical data

| | |
|-------------|------|
| Current (A) | 0.53 |
|-------------|------|

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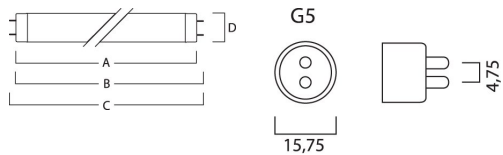
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| | |
|---|------|
| Ignition voltage (V) | 0 |
| kWh per 1000 hours burning time | 85 |
| Watt (Nominal) (W) | 80 |
| Efficacy (Rated) (lm/w) | 83 |
| Rated lamp efficacy (lm/W) 100H 50Hz at optimum temp. | 83 |
| Watt (Rated) (W) | 76.8 |
| Watt (Rated) - High frequency (W) | 76.8 |
| Voltage (V) | 152 |

Physical data

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

TECHNICAL DRAWINGS



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